

Suffolk

COUNTY COMMUNITY COLLEGE

2014 - 2016 CATALOG



SUFFOLK AT A GLANCE

Type: Co-ed two-year public community college

Setting: Suburban

Founded: 1959

Sponsors: State of New York, County of Suffolk

Campuses: Ammerman at Selden
Eastern at Riverhead
Michael J. Grant at Brentwood

Accreditations: Middle States Commission on Higher Education (MSCHE)
Accreditation Commission for Education in Nursing (ACEN)
Accreditation Council for Education in Nutrition and Dietetics (ACEND)
American Bar Association (ABA)
American Occupational Therapy Association (ACOTE)
American Veterinary Medical Association (AVMA)
Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM)
Commission on Accrediting in Physical Therapy Education (CAPTE)
National Automotive Technicians Education Foundation (NATEF)

Academic Programs:

The College offers Associate in Arts (A.A.), Associate in Science (A.S.), and Associate in Applied Science (A.A.S.) degrees and certificates in approximately 100 programs of study
481 full-time faculty; 1,619 adjunct faculty

Student Body:

Approximately 27,000 students

Ammerman	7,211 full-time	8,168 part-time	15,379 total
Eastern	1,568 full-time	2,787 part-time	4,355 total
Michael J. Grant	4,333 full-time	6,237 part-time	10,570 total

Gender Female 54%; Male 46%

Age 18-24, 78%; 25 and over, 22%

Ethnic White 50.2%; Black 7.6%; Hispanic 15.6%; Asian Pacific 2.7%; American Indian .4%; Other/Unknown 23.5%

Estimated Annual Expenses:

Tuition and fees (residents) – \$5,100; books and supplies – \$1,200 [approximately]

Financial Aid:

SCCC awards more than \$63 million in federal and state financial aid to almost 18,000 students annually. A tuition payment plan is available.

Suffolk also awards more than \$500,000 in scholarships each year.

Federal Grants and Loans: PELL Grants; Supplemental Educational Opportunity Grants (SEOG); College Work Study

William D. Ford Federal Direct Loan Program

New York State Grants: Tuition Assistance Program (TAP); Aid for Part-Time Study (APTS); State Aid to Native Americans

Other sources of aid: Adult Career and Continuing Education Services – Vocation Rehabilitation (VESID); Veterans GI Bill Benefits; DMNA Educational Incentive Program; New York State Department of Labor / Department of Social Services; Employer Tuition Reimbursement Programs

more information on inside back cover



CATALOG VOLUME 45
2014-2016

*Established by authority of
the State University of New York.
Legally sponsored by the County of Suffolk.*

AMMERMAN CAMPUS

533 College Road
Selden, NY 11784-2899
631-451-4110

EASTERN CAMPUS

121 Speonk-Riverhead Road
Riverhead, NY 11901-3499
631-548-2500

MICHAEL J. GRANT CAMPUS

Crooked Hill Road
Brentwood, NY 11717-1092
631-851-6700

College Website:
www.sunysuffolk.edu

Suffolk County Community College is an affirmative action/equal opportunity employer and educator. It does not discriminate on the basis of race, color, national or ethnic origin, citizenship status, sexual orientation, religion, sex, age, disability, or veteran or marital status. Compliance Office, Norman F. Lehtrecker Building, Ammerman Campus, 631-451-4950.



PRESIDENT'S MESSAGE

By Dr. Shaun L. McKay

Welcome to Suffolk County Community College! As you review the information contained within this catalog, it will become clear to you why Suffolk is the number one choice for students seeking an exceptional and affordable higher education experience. This year alone, over 26,000 students are enrolled in credit-bearing classes and another 10,000 students are attending continuing education classes at our various campus and satellite locations.

As the College enters its 55th year, we continue to maintain our focus on transforming lives and empowering individuals through education. During its history, the College has grown and evolved. Today, we are a vibrant and

continuously improving higher education resource. Through our mission, Suffolk's faculty, staff and administrators are dedicated to fostering an environment that will help our students attain their educational goals, while embracing the philosophy of lifelong learning. This approach provides Suffolk with an edge in preparing students for the 21st century workforce. Ultimately, students come here to prepare themselves for a career. So whether you start at Suffolk with the goal of transferring after graduation in order to earn a bachelor's degree or whether you need certain classes to enhance career skills or depth of knowledge, you will find everything you need to be successful here at Suffolk.

Our community college possesses the talent and the programs necessary to both address and to transcend limiting thoughts about whether students can achieve as scholars. Our work is centered on student success, which evolves from the dedication of our educators and the effort put forth by our students. At Suffolk, students are inspired to perform at a level that allows them to exceed expectations. Through an emphasis on student achievement, graduates of Suffolk emerge prepared for the next step in their academic and career pursuits.

My vision for this institution remains forward-focused. Along with support from our Board of Trustees, the College is growing where we need to expand and our entire community remains dedicated to seeing Suffolk County Community College be recognized as a model of excellence in education.

If this sounds like the learning environment you are looking for, I encourage you to enroll in Suffolk County Community College. I am confident that by choosing to attend Suffolk, you will be inspired to accomplish great things.



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Academic Calendar 2014-2015

FALL 2014

September 2	Tuesday	Day classes begin, Convocation: 4:00 p.m.-7:00 p.m.
September 3	Wednesday	Evening Classes begin*
September 6-7	Sat/Sun	Saturday/Sunday Classes begin
September 24	Wednesday	Rosh Hashanah - no evening classes*
September 25	Thursday	Rosh Hashanah - no classes
October 3	Friday	Yom Kippur - no evening classes*
October 4	Saturday	Yom Kippur - no classes
October 29	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
November 3	Monday	Priority registration for spring 2015 begins; winter session registration begins
November 25	Tuesday	Thursday day classes meet instead of Tuesday, evening classes meet as scheduled
November 26	Wednesday	Friday day classes meet instead of Wednesday, no evening classes
November 27-30	Thurs-Sun	Thanksgiving recess-no day or evening classes
December 1	Monday	Classes resume
December 14	Sunday	Last meeting of Sunday classes
December 15	Monday	College make-up date for evening classes, if necessary
December 18	Thursday	Last meeting of day classes
December 19	Friday	College make-up date for day classes, if necessary**; evening classes meet, last meeting of evening classes
December 20	Saturday	Last meeting of Saturday classes
December 21	Sunday	College make-up date, if necessary**
December 22	Monday	College make-up date; if necessary**

WINTERSESSION 2014-2015

December 26	Friday	Classes begin
January 1	Thursday	New Years Day - no classes
January 6	Tuesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
January 15	Thursday	Last meeting of classes
January 16	Friday	College make-up date, if necessary

* Evening classes begin at 4:00 p.m. or later

** May be required in the event of a campus or college-wide closing.

Late registration, accompanied by a late registration fee, begins one week prior to the beginning of each semester (day, evening, Saturday, Sunday). The deadline for registration is one day prior to the first meeting of any course.

SPRING 2015***

January 20	Tuesday	Day and evening classes begin
January 24-25	Sat/Sun	Saturday/Sunday classes begin
February 16	Monday	President's Day: no day or evening classes
March 3	Tuesday	Professional Development Day; no day or evening classes
March 11	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
March 25	Wednesday	Conversion day: Monday day and evening classes meet instead of Wednesday classes
March 28	Sat-Sun	Spring recess; no classes
April 5	Monday	Classes Resume
April 6	Monday	Priority registration for fall 2015 semester begins
April 6	Monday	Last meetings of Evening classes
April 30-May 6	Thurs-Wed	Last meetings of Day classes
May 7-13	Thurs-Wed	Last meetings of Saturday/Sunday classes
May 9-10	Sat/Sun	Last meetings of Saturday/Sunday classes
May 17	Sunday	Commencement

Summer Sessions 2015

First 5-Week Summer Day/Evening Session 2015

May 26	Tuesday	Classes begin
June 9	Tuesday	Mid-Semester: students who submit a course withdrawal form on or before this date will receive a grade of "W"
June 25	Thursday	Last meeting of classes

Eight-Week Day/Evening Summer 2015

May 26	Tuesday	Classes begin
June 17	Wednesday	Mid-Semester: students who submit a course withdrawal form on or before this date will receive a grade of "W"
July 13	Monday	Last meeting of classes

Second Five-Week Day/Evening Summer 2015

June 29	Monday	Classes begin
July 13	Monday	Mid-Semester: students who submit a course withdrawal form on or before this date will receive a grade of "W"
July 29	Wednesday	Last meeting of classes

*** Beginning Spring 2015, make-up dates are no longer scheduled. If the College cancels classes due to weather or other emergency, faculty are responsible for ensuring that missed instructional time is recouped, in compliance with applicable academic standards and College policies.

Academic Calendar 2015-2016

FALL 2015***

August 27	Thursday	Day classes begin
August 29-30	Sat/Sun	Saturday/Sunday Classes begin
August 31	Monday	Evening Classes begin*
September 1	Tuesday	Day Classes meet; no evening classes; Convocation: 4:00 p.m.-7:00 p.m.
September 5-6	Sat/Sun	No Saturday/Sunday classes
September 7	Monday	Labor Day – no classes
September 14	Monday	Rosh Hashanah – no classes
September 23	Wednesday	Yom Kippur – no evening classes*
September 24	Thursday	Yom Kippur – no classes
October 13	Tuesday	Professional Development - Assessment Day; no classes
October 26	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
November 2	Monday	Priority registration for spring 2016 begins
November 25-29	Wed-Sun	Thanksgiving recess-no day or evening classes
November 30	Monday	Classes resume
December 11	Friday	Last meeting - Friday day and evening classes
December 12-13	Sat-Sun	Last meeting - Saturday/Sunday classes
December 14	Monday	Last meeting - Monday evening classes
December 15	Tuesday	Last meeting - Tuesday day and evening classes
December 16-17	Wed-Thursday	Last meeting -Wednesday and Thursday day and evening classes
December 21	Monday	Last meeting - Monday day classes

Wintersession 2015-2016

December 28	Monday	Classes begin
January 1	Friday	New Year's Day; no classes
January 6	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
January 15	Friday	Last meeting of classes

* Evening classes begin at 4:00 p.m. or later

** May be required in the event of a campus or college-wide closing.

*** Beginning Spring 2015, make-up dates are no longer scheduled. If the College cancels classes due to weather or other emergency, faculty are responsible for ensuring that missed instructional time is recouped, in compliance with applicable academic standards and College policies.

Late registration, accompanied by a late registration fee, begins one week prior to the beginning of each semester (day, evening, Saturday, Sunday). The deadline for registration is one day prior to the first meeting of any course.

Spring 2016***

January 19	Tuesday	Day classes begin
January 22	Friday	Evening classes begin*
January 23-24	Sat/Sun	Saturday/Sunday classes begin
February 15	Monday	President's Day: no day or evening classes
March 1	Tuesday	Professional Development Day; no day or evening classes
March 14	Monday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
March 19-27	Sat-Sun	Spring recess; no classes
March 28	Monday	Classes resume
March 30	Wednesday	Monday day classes meet, Wednesday evening classes meet as scheduled
April 11	Monday	Priority registration for fall 2016 semester begins
April 22	Friday	Passover begins; No evening classes
May 4	Wednesday	Last meeting-Wednesday evening classes
May 5-6	Thurs-Fri	Last meeting -Thursday and Friday day and evening classes
May 7-8	Sat/Sun	Last meeting-Saturday and Sunday Classes
May 9-10	Mon-Tues	Last meetings-Monday and Tuesday- day and evening classes
May 11	Wednesday	Last meeting -Wednesday day classes
May 15	Sunday	Commencement

SUMMER 2016

First 5-Week Summer Day/Evening Session 2016

May 23	Monday	Classes begin
May 30	Monday	Memorial Day – no classes
June 8	Wednesday	Mid-Semester: students who submit a course withdrawal form on or before this date will receive a grade of "W"
June 23	Thursday	Last meeting of classes

Eight-Week Day/Evening Summer 2016

May 23	Monday	Classes begin
May 30	Monday	Memorial Day – no classes
June 15	Wednesday	Mid-Semester: students who submit a course withdrawal form on or before this date will receive a grade of "W"
July 4	Monday	Independence Day - no classes
July 12	Tuesday	Last meeting of classes

Second Five-Week Day/Evening Summer 2016

June 27	Monday	Classes begin
July 4	Monday	Independence Day - no classes
July 12	Tuesday	Mid-Semester: students who submit a course withdrawal form on or before this date will receive a grade of "W"
July 28	Thursday	Last meeting of classes



General Information

HISTORY

On December 18, 1959, Suffolk County Community College of the State University of New York was founded under the administration of a nine-member board of trustees, five appointed by the then County Board of Supervisors and four by the Governor of the State of New York.

On October 3, 1960, the College officially opened, occupying temporary facilities at Sachem Junior-Senior High School in Ronkonkoma, New York, as well as part-time facilities at Riverhead High School in Riverhead. Initial enrollment included 171 full-time students and 335 part-time students.

As the College began to grow, the Board of Supervisors of Suffolk County provided a 130-acre site in Selden for a permanent campus. Six buildings on the site were renovated and converted, equipment necessary for the operation of the College was obtained, and in August 1961 the College occupied what was later to be known as the Ammerman Campus, renamed in honor of the College's founding president, Dr. Albert M. Ammerman. The second year of operation opened with over 1400 full- and part-time students. In June 1962, the College held its first commencement exercises, at which 42 graduates received associate degrees. Two other permanent campuses were opened – the Michael J. Grant Campus in Brentwood in 1974 and the Eastern Campus in Riverhead in 1977.

Today, the Ammerman Campus encompasses 156 acres and has 15 academic, administrative and auxiliary buildings. In 2013, the

College began construction on a new 62,700 square-foot Science and Technology Building. The building will contain science classrooms, laboratories and prep rooms as well as lecture halls and meeting spaces. The College expects that students will be occupying that building in fall 2014.

The Michael J. Grant Campus occupies a site of 207 acres with 13 academic, administrative and auxiliary buildings, including a 110,000-square-foot building which houses classrooms, laboratories, the library and a theatre. A 277,000-square-foot complex, which houses the Suffolk County Police Academy, a pool, field house, fitness center and health technology wing, opened in 2000.

Recognizing the importance of expanding its ability to meet the local business community's growing need for cost-effective workforce training programs, the College opened a satellite facility for corporate training in 1985. Located on the Michael J. Grant Campus, the Sally Ann Slacke Corporate Training Center continues to provide a wide array of customized workforce and professional development training for the region's business sector, not-for-profit organizations and public agencies.

In September 2009, the College opened the Workforce Development and Technology Center. This 18,000-square-foot building has been LEED Gold Certified by the U.S. Green Building Council and includes state-of-the-art laboratories, classrooms and office space.

On the Michael J. Grant Campus, the College is currently in the design stage for a new 74,200 square-foot Learning Resource Center which will include traditional library functions as well as a 100-seat lecture hall, the Center for Academic Excellence, the Writing Studio, meeting space and a Teaching Learning Center. Construction is expected to begin in 2014.

The Eastern Campus, located on a 192-acre site in the Pine Barrens of eastern Long Island, comprises six academic buildings and three auxiliary buildings.

In 2005, in an effort to revitalize traditional downtown areas and provide additional access for residents to educational opportunities, the College embarked on opening two downtown satellite educational centers. A downtown center opened in Sayville specifically to address nurse education. Located close to public transportation, the facility includes state-of-the-art laboratories for nursing, medical assisting and anatomy and physiology classes, and offers courses in the allied health professions and continuing education.

In January 2008, the Culinary Arts and Hospitality Center opened in downtown Riverhead. The Center offers two-year A.A.S. degrees in Culinary Arts, Baking and Pastry Arts, and Hotel and Resort Management, as well as one-year certificates and a full menu of Continuing Education courses. The Center includes classrooms, hands-on training labs, a 60-seat demonstration theatre, and a retail bakery and café. The 28,000-square-foot facility, constructed by the Parr Organization, can accommodate up to 180 students enrolled full time and serves as a catalyst in the revitalization and economic growth of downtown Riverhead by attracting students to classes and customers to the bakery and café.

In March 2011, the College opened the Montaukett Learning Resource Center, a 40,000-square-foot building, at the center of the Eastern campus. The facility includes a state-of-the-art library, a large lecture hall, computer classrooms, a distance learning classroom, the Academic Skills Center, gallery space and varied learning spaces for students to pursue collaborative and independent study.

The building has been designed to meet Silver LEED certification but upon completion of its rating, may actually obtain the higher Gold LEED rating.

On the Eastern Campus, the College is currently in the design phase for a 48,000 square-foot Health and Wellness Center with construction scheduled to begin in 2014. Upon completion, the Health and Wellness Center will contain a pool, a gymnasium, strength training and aerobics facilities, a rock climbing wall and nursing labs.

Suffolk County Community College is the largest community college in the State University of New York (SUNY) system, enrolling approximately 27,000 students. It offers more than 100 degree and certificate programs in business; communications and the arts; computing; health, community and human services; liberal arts and sciences; and technical, scientific and engineering studies. The original full-time faculty of fewer than a dozen has grown to more than 498. By May 2013, the College had more than 104,000 graduates. In addition, SCCC is one of the leading community colleges in the nation in producing Phi Theta Kappa Academic All-Americans.

Each year, Suffolk County Community College prepares students to enter the workforce upon graduation in such marketable areas as medical records, physical therapist assistant, paralegal, nursing, culinary arts and many other fields. Other students transfer to four-year colleges and universities to complete their baccalaureate degree. Suffolk graduates have gone on to study at such institutions as Columbia, Harvard, Cornell, New York University and the University of North Carolina at Chapel Hill, as well as the State University of New York.

STATE UNIVERSITY OF NEW YORK (SUNY)

Suffolk County Community College is a two-year unit of the State University of New York (SUNY).

SUNY's 64 statewide campuses bring educational opportunity within commuting distance of virtually all New York citizens and comprise the nation's largest, comprehensive system of public higher education.

When founded in 1948, SUNY consolidated 29 state-operated, but unaffiliated, institutions. Since then, SUNY has grown to a point where its impact is felt educationally, culturally and economically throughout the state.

SUNY offers more than 7,500 degree and

certificate programs at its 64 campuses, which include 30 community colleges. Certificate and degree opportunities range from one-year certificates of completion and two-year associate degree programs to doctoral studies.

Two-year colleges are the largest branch of higher education, currently enrolling a majority of all first-time college students.

The 30 two-year community colleges operating under the SUNY program play a unique role in the expansion of educational opportunity by:

- providing local industry and trained technicians in a wide variety of occupational curricula
- providing transfer options to students who wish to go on and earn advanced degrees, and
- providing the community with yet another source for technical and professional upgrading as well as personal enrichment.

The SUNY Board of Trustees is the governing body of the State University of New York. It consists of 18 members, 15 of whom are appointed by the Governor, by and with consent of the New York State Senate. In addition, the president of the Student Assembly serves as student trustee and the president of the University Faculty Senate and the president of the Faculty Council of Community Colleges serve as ex-officio non-voting trustees.

MISSION

Mission Statement

Suffolk County Community College promotes intellectual discovery, physical development, social and ethical awareness, and economic opportunities for all through an education that transforms lives, builds communities, and improves society.

Vision Statement

Suffolk County Community College commits to maintaining high educational standards, to fostering and inspiring student success, and to creating diverse opportunities for lifelong learning. By attracting strong leadership and distinguished faculty to a college of excellence, we create an enriched learning environment that empowers students to transform their lives.

PROFESSIONAL ASSOCIATIONS

Suffolk County Community College is a member of the American Association of Community Colleges, American Association

of Collegiate Registrars and Admissions Officers, Community College General Education Association, National Junior College Athletic Association, and other professional organizations. Members of its faculty and administration are active participants in many learned and professional societies. Faculty are regular contributors to professional journals and are active participants in professional organizations and conferences.

ACCREDITATIONS

Suffolk County Community College curricula are registered by the New York State Department of Education. The College is authorized to award the Associate in Arts degree, the Associate in Science degree and the Associate in Applied Science degree as established by the Board of Regents of the University of the State of New York, as well as the one-year Certificate of Completion.

Suffolk County Community College is fully accredited by the Middle States Commission on Higher Education, 3624 Market Street, Philadelphia, PA 19104, 267-284-5000. The College is a member of this association.

Individual Curricula Are Accredited as Follows:

Ammerman Campus

Automotive Service Specialist A.A.S. degree curriculum: certified by the National Automotive Technicians Education Foundation (NATEF).

Nursing A.A.S. degree curriculum: accredited by the Accreditation Commission for Education in Nursing (ACEN).

Paralegal Studies A.A.S. degree and certificate program: approved by the American Bar Association (ABA).

Physical Therapist Assistant A.A.S. degree curriculum: accredited by the Commission on Accrediting in Physical Therapy Education (CAPTE).

Eastern Campus

Dietetic Technician A.A.S. degree curriculum: accredited by the Accreditation Council for Education in Nutrition and Dietetics (ACEND).

Practical Nursing Certificate program: accredited by the Accreditation Commission for Education in Nursing (ACEN).

Michael J. Grant Campus

Health Information Technology/Medical Records A.A.S. degree curriculum: accredited by the Commission on Accreditation for Health

Informatics and Information Management Education (CAHIIM).

Nursing A.A.S. degree curriculum: accredited by the Accreditation Commission for Education in Nursing (ACEN).

Occupational Therapy Assistant A.A.S. degree curriculum: accredited by the American Occupational Therapy Association (ACOTE).

Paralegal Studies A.A.S. degree and certificate program: approved by the American Bar Association (ABA).

Veterinary Science Technology A.A.S. degree curriculum: accredited by the American Veterinary Medical Association (AVMA).

LIBRARIES

The library homepage, www.sunysuffolk.edu/Library, is a portal to the extensive academic collections and information services available at Suffolk County Community College. There is a library on each of the three campuses which provides information resources, instruction, computers, laptop loans, group study spaces and other services. The campus libraries collectively offer a book collection totaling 200,000 volumes. Online databases are extensive and link to thousands of periodicals and newspapers and provide resources beyond the scope of community college requirements. Access to e-books and an extensive collection of academic databases that feature full-text journals, newspapers and magazines is available through the library. Library databases include *Academic Search Complete*, *ArtStor*, *Nursing Made Incredibly Easy*, *JSTOR Digital Archive*, *Literature Resource Center*, and *Science Direct*. In addition, a wide assortment of media and digital materials are available to support classroom and individual learning needs. Students and faculty can access library collections in the libraries on the campuses and all electronic resources are available to the SCCC community online with user name and password.

Library faculty assist students with their information and research needs. In collaboration with classroom instructors, students are taught effective critical thinking skills that promote information literacy. The libraries provide additional opportunities for students to gain proficiency using and evaluating information sources by offering credit courses entitled "Research Essentials: The Library and the Internet" (LIB101, 1.5 credits) and "Library Research Methods" (LIB103, 3 credits). A description of the contents of these courses can be found under "Library Research" in the Courses section of this catalog (p. 254).

The campus libraries actively participate with other university and college libraries to share resources which give students and faculty access to the collections on Long Island, in the state and beyond. SCCC's libraries also participate in the State University of New York Open Access system which allows students and faculty in-person borrowing privileges at any SUNY campus library.

Campus library hours and locations are available on the library homepage. For additional information telephone 631-451-4170 (Ammerman), 631-548-2536 (Eastern) or 631-851-6740 (Grant).

ACADEMIC COMPUTING

Academic computing labs are established at each of the campuses to provide a full range of computing services to students. They are staffed by computer professionals and student assistants who are available to assist lab users. Each facility contains an open lab for general student use as well as classroom space for instruction.

Computers have the standard Microsoft-based software suite and course-related software specified by professors to support what they are teaching in the classroom.

On the Ammerman Campus the lab is located on the main level of the Huntington Library and consists of an open area and lab classrooms with Windows-based computers and several Macintosh computers to support the visual art students. The lab also houses printers, scanners, furniture for the physically handicapped, and a computer set-up for the visually impaired. The lab is open seven days and four evenings a week, excluding holidays and breaks in the semester when a reduced schedule is in effect.

The Eastern Campus computer classrooms and open lab are located on the second floor of the Orient Building. Three classrooms are equipped with Macintosh workstations and are used primarily for the computer art, graphic design and photographic imaging curricula. There are three Windows-based classrooms which serve the computing needs of the campus academic programs. The open lab is equipped with both Windows-based and Macintosh computers for general student and faculty use. The open lab is generally available day and evening Monday-Thursday and during the day on Friday and Saturday when classes are in session. A reduced schedule is in effect during the summer and semester breaks.

There are two academic computing labs on the Grant Campus. The Sagtikos Computer Center is located within the library in the Sagtikos Arts and Sciences Center, room 141. The Health, Sports and Education Building houses the other computer center in room MA335. Computer centers offer a fully networked Windows-based environment and provide an open lab as well as instructional and administrative services. The open lab is available to

students from every curriculum with access to word processing, email, the Internet and a variety of other course specific software. Both computer centers are open Monday through Friday with the Sagtikos Computer Center also offering Saturday and Sunday hours.

Students must have their SCCC Student ID to use the academic computing centers on all campuses.

CAMPUS LOCATIONS, MAPS, FACILITIES AND TELEPHONE NUMBERS

CENTRAL ADMINISTRATION

533 College Road
Selden, NY 11784-2899

ADMINISTRATIVE OFFICES (area code is 631)

General Information	451-4110	Educational Opportunity	
Admissions	451-4000	Program (EOP)	451-4356
Adult Learner Programs	451-4850	English as a Second Language (ESL)	851-6519
Alumni Affairs	451-4630	Executive Assistant to the President	451-4118
Associate Vice President		Facilities	451-4445
Student Affairs	451-4737	Faculty Association	451-4151
Board of Trustees	451-4112	Financial Aid	451-4108
College Associate Deans		General Counsel	451-4235
Curriculum Development:		Gifts and Donations	451-4846
Academic and Student Affairs	451-4174	Graduation	451-4011
Computer Information Systems	451-4205	Grants Development	451-4215
Continuing Education	451-4114	Honors Program	451-4778
Central Business Affairs	451-4236	Human Resources	451-4207
General Education		Institutional Advancement	451-4611
and Study Abroad	451-4440	Institutional Effectiveness	451-4214
Institutional Advancement	451-4879	Library Services	451-4170
Institutional Effectiveness	451-4842	Payroll	451-4202
Instructional Technology	451-4656	President	451-4112
Nursing	851-6970	Publications	451-4256
Planning and College		Purchasing and Accounts Payable	451-4230
Master Scheduling	451-4732	Registrar	451-4008
Faculty and Professional		Sayville Center	851-6970
Advancement	451-4464	Security and Fire Safety	451-4212
College Association	451-4829	Sexual Harassment	548-3707
College Dean of Enrollment		Transcripts	451-4011
Management	451-4026	Transfer Credit Evaluation	451-4035
Suffolk Community College Foundation	451-4846	Vice Presidents	
Computer Center/Help Desk	451-4505	Academic and Student Affairs	451-4244
Continuing Education (non-credit		Business and Financial Affairs	451-4231
courses and programs)	451-4114	Institutional Advancement	451-4611
Corporate Training Center	851-6200	Planning and Institutional	
Credit for Prior Learning	451-4696	Effectiveness	451-4129
(life experience)		Workforce and Economic	
Culinary Arts Center	548-3701	Development	851-6902
Distance Learning/Online Courses	451-4656		

AMMERMAN CAMPUS

533 College Road
Selden, NY 11784-2899

Take the Long Island Expressway (I-495) to Exit 62 (Nicolls Road). Go north on Nicolls Road 1 mile to campus entrance on right.

The Ammerman Campus is served by the following Suffolk County Transit bus routes: S-58, S-63, S-71, 6A, 6B.

AMMERMAN CAMPUS ADMINISTRATIVE OFFICES

General Information	451-4110
Executive Dean	451-4259
Dean of Instruction	451-4254
Associate Dean of Academic Affairs	451-4058
Head Librarian	451-4173
Administrative Director of Business Services	451-4079

AMMERMAN CAMPUS ACADEMIC OFFICES

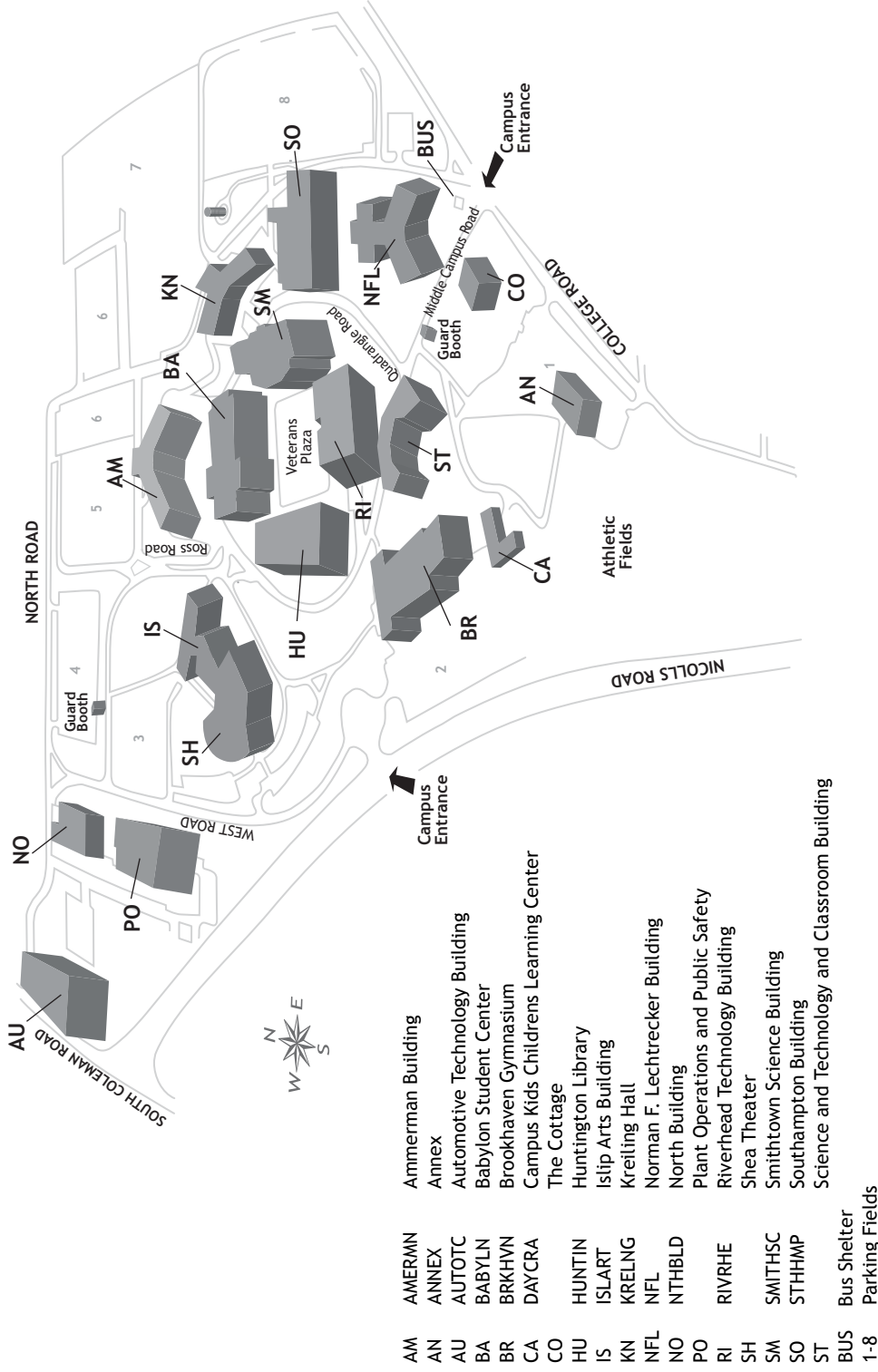
Academic Computing Lab	451-4211
Accounting/Business Administration	451-4262
Automotive Technology	451-4900
Biology	451-4316
Career Services and Cooperative Education	451-4049
Communications	451-4147
Computer Science/Information	451-4270
Criminal Justice	451-4336
Education, Health and Human Services	451-4299
Engineering/Industrial Technology	451-4274
English	451-4159
English as a Second Language	451-4707
Foreign Languages	451-4158
Honors Program	451-4778
Interdisciplinary Studies/ Women's Studies	451-4093
Language Lab	451-4161
Mathematics	451-4270
Math Learning Center	451-4002
Music	451-4346

Nursing	451-4265
Philosophy	451-4093
Physical Education	451-4935
Physical Sciences	451-4312
Psychology, Sociology and Anthropology	451-4336
Reading Center	451-4531
Reading/College Seminars	451-4158
Sayville Center	851-6970/851-6972
Social Sciences	451-4336
Theatre	451-4164
TV/Radio/Film	451-4147
Visual Arts	451-4093
Writing Center	451-4150

AMMERMAN CAMPUS STUDENT SERVICES OFFICES

Admissions	451-4022
Advising and Testing	451-4056
Associate Dean of Student Services	451-4044
Athletics	451-4380
Campus Activities	451-4375
Career Services and Cooperative Education	451-4049
Children's Learning Center	451-4388
Counseling Center	451-4053
Educational Opportunity Program	451-4356
Financial Aid	451-4072
Multicultural Affairs	451-4816
Public Safety	451-4242
Registrar	451-4004
Special Services	451-4045
Student Support Services Program	451-4693

All phone numbers use area code 631.



- AM Ammerman Building
- AN Annex
- AU Automotive Technology Building
- BA Babylon Student Center
- BR Brookhaven Gymnasium
- CA Campus Kids Childrens Learning Center
- CO The Cottage
- HU Huntington Library
- IS Islip Arts Building
- KN Kreiling Hall
- NFL Norman F. Lechtrecker Building
- NO North Building
- PO Plant Operations and Public Safety
- RI Riverhead Technology Building
- SH Shea Theater
- SM Smithtown Science Building
- SO Southampton Building
- ST Science and Technology and Classroom Building
- BUS Bus Shelter
- 1-8 Parking Fields

EASTERN CAMPUS

121 Speonk-Riverhead Road
Riverhead, NY 11901-3499

From the west, using Long Island Expressway (I-495): Go to Exit 70. Take County Road 111 south 4 miles to County Road 51. After traveling north on County Road 51 for 3.5 miles, turn right onto Speonk-Riverhead Road to campus entrance on right.

From the west, using Sunrise Highway (Rt. 27): Go to Exit 61. Take County Road 51 north 4 miles to Speonk-Riverhead Road. Turn right onto Speonk-Riverhead Road to campus entrance on right.

From the east on the North Fork: Follow Rt. 25 west to downtown Riverhead. At Peconic Avenue, turn left and go 1/4 mile to the traffic circle. Take the first right (Rt. 24) off the traffic circle and go 1/4 mile to the County Center at Rt. 51. Turn left onto Rt. 51 and go south 3 miles to Speonk-Riverhead Road. Turn left onto Speonk-Riverhead Road to campus entrance on right.

From the east on the South Fork: Follow Rt. 27 (Sunrise Highway) west to Rt. 24 at Hampton Bays. Go north on Rt. 24 approximately 7 miles, past the traffic circle, to Rt. 51. Turn left onto Rt. 51 and go south 3 miles to Speonk-Riverhead Road. Turn left onto Speonk-Riverhead Road to campus entrance on right.

The Eastern Campus is served by the following Suffolk County Transit bus routes: S-66 and 8A; by transfer at Riverhead: S-58, S-62, S-90, S-92.

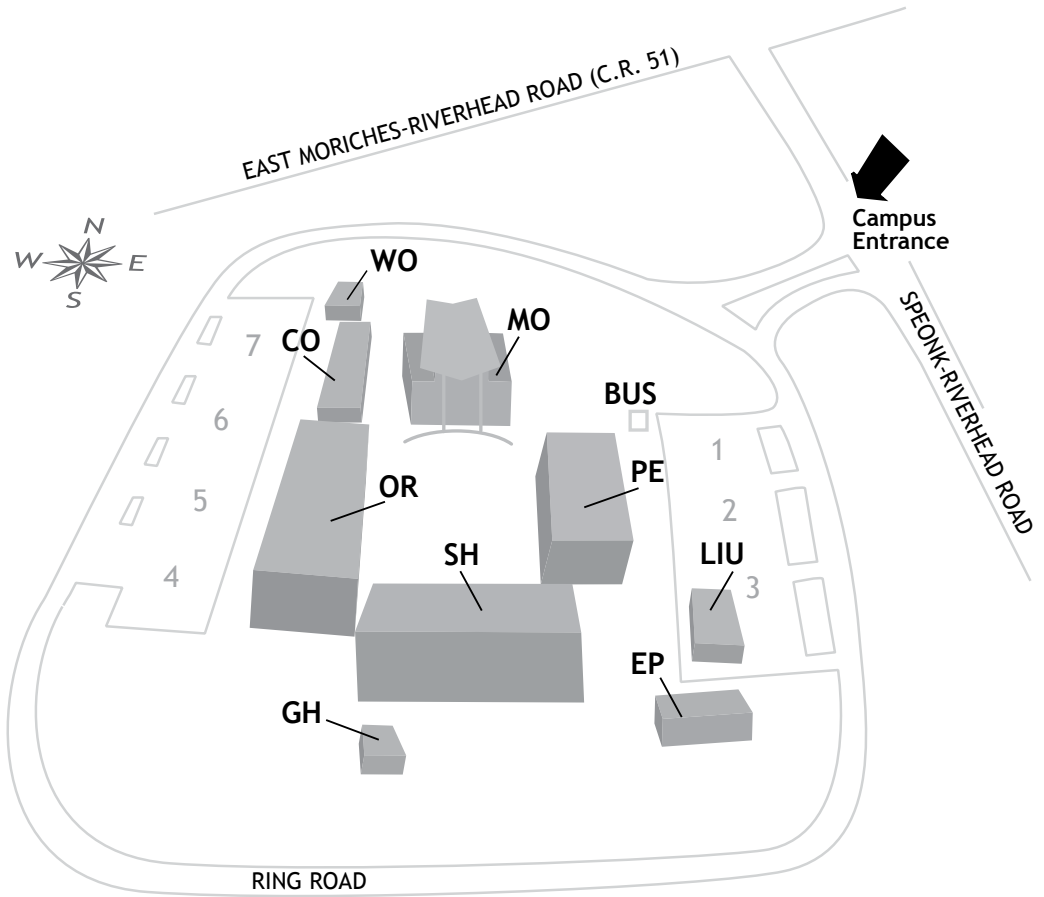
EASTERN CAMPUS ADMINISTRATIVE OFFICES

General Information	548-2500
Executive Dean	548-2564
Associate Dean for Academic Affairs	548-2560
Associate Dean for Educational Resources	548-3707
Associate Dean of Student Services	548-2514
Academic Chair for Social Science and Visual Arts	548-2591
Academic Chair for Culinary Arts and Hospitality Programs/Program Director for Culinary Arts Program ..	548-3720
Academic Chair for Humanities	548-2587
Academic Chair for Mathematics and Science	548-2670
Academic Chair for Business, Practice Nursing and Health Careers	548-3573
Administrative Director of Business Services	548-2549
Campus Head Librarian	548-2540
Educational Technology Unit	548-2607

All phone numbers use area code 631.

EASTERN CAMPUS STUDENT SERVICES OFFICES

Admissions	548-2512
Advising And Testing	548-2527
Associate Dean of Student Services	548-2514
Campus Activities	548-2522
Career and Transfer Services	548-2527
Counseling Center	548-2527
Educational Opportunity Program	548-2527
Financial Aid	548-2525
Public Safety	548-3636
Multicultural Affairs	548-2634
Registrar	548-2502
Disability Services	548-2527
Student Support Services Program	548-2527



- | | | |
|-----|--------|-------------------------------------|
| CO | CORCHG | Corchaug Building |
| EP | | Energy Plant |
| GH | | Greenhouse |
| LIU | | LIU Building |
| MO | MONTAK | Montaukett Learning Resource Center |
| OR | ORIENT | Orient Building |
| PE | PECONC | Peconic Building |
| SH | SHNCKK | Shinnecock Building |
| WO | WOODLD | Woodlands Building |
| BUS | | Bus Stop |
| 1-7 | | Parking Fields |

MICHAEL J. GRANT CAMPUS

Crooked Hill Road
Brentwood, NY 11717-1092

Take the Long Island Expressway (I-495) to Exit 53 (Sagtikos Parkway / Wicks Road). Follow signs to Wicks Road. Go south 1/2 mile on Wicks Road to campus entrance on right.

The Grant Campus is served by the following Suffolk County Transit bus routes: S-33, S-41, 3A.

GRANT CAMPUS ADMINISTRATIVE OFFICES

General Information	851-6700
Executive Dean	851-6520
Administrative Director of Business Services	851-6730
Associate Dean for Academic Affairs, Liberal Arts	851-6750
Associate Dean for Academic Affairs, Business and Technology	851-6770
Associate Dean for Academic Affairs, Allied Health, Mathematics, Natural Science, Physical Education	851-6750
Associate Dean of Student Services	851-6760
Campus Head Librarian	851-6746

GRANT CAMPUS ACADEMIC OFFICES

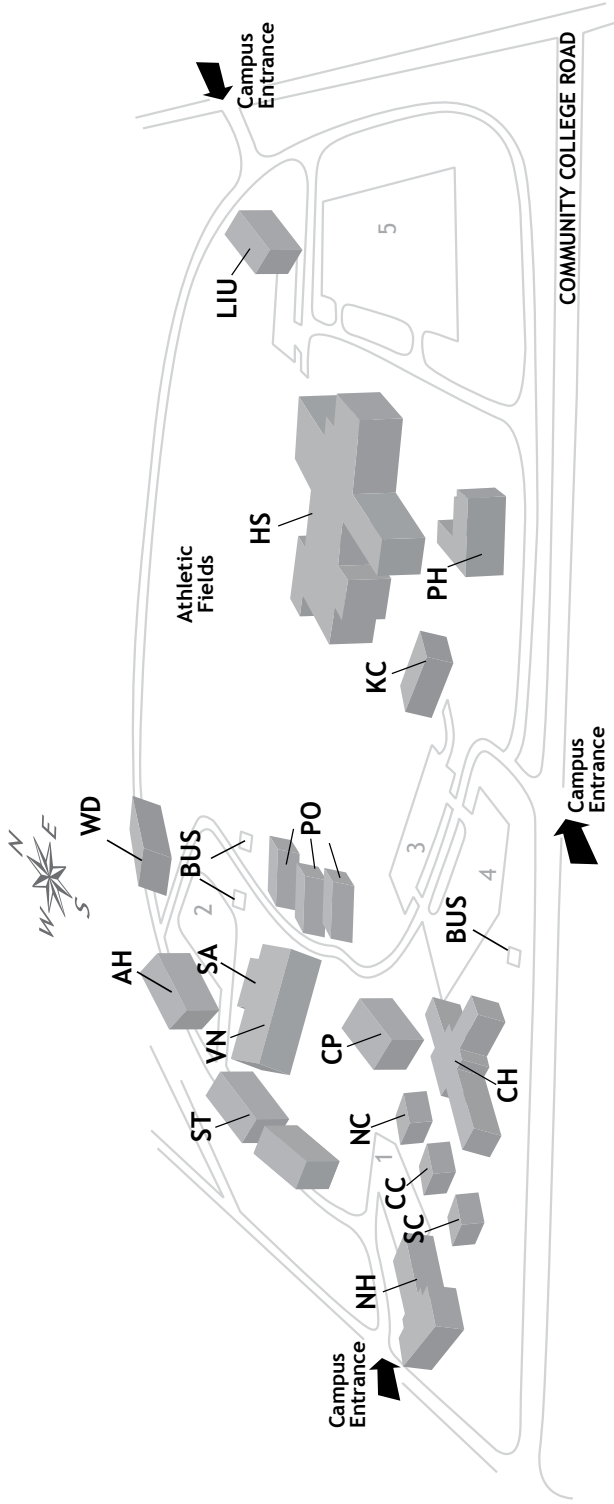
Academic Computer Lab	851-6556
Accounting and Business Administration	851-6770 / 6569
Allied Health Programs	851-6571 / 6962
Center for Academic Excellence (academic support services, tutoring)	851-6795
Communication, Language and The Arts	851-6370 / 6468
Computer Information Systems/ Office Technology	851-6770 / 6288
English and Humanities	851-6741 / 6425
Mathematics	851-6737 / 6569
Natural Sciences	851-6786 / 6761

Nursing	851-6571 / 6439
Physical Education	851-6334 / 6944
Social Sciences	851-6572 / 6548
Veterinary Science	851-6946 / 6962

GRANT CAMPUS STUDENT SERVICES OFFICES

Academic Advising and Mentoring Center	851-6247
Admissions	851-6719
Advising and Testing	851-6237
Associate Dean of Student Services	851-6521
Athletics	851-6706
Campus Activities	851-6702
Career Services	851-6876
Counseling Center	851-6250
Educational Opportunity Program	851-6707 / 6510
Financial Aid	851-6712
Kids' Cottage Children's Learning Center	851-6517
Multicultural Affairs	851-6341
Public Safety	851-6777
Registrar	851-6780
Special Services	851-6355
Student Support Services Program	851-6778
Welcome Center	851-6244
Writing Center	851-6245

All phone numbers use area code 631.



AH	ASHROK	Asharoken Hall	PH	PMANOK	Paumanok Hall
CC	CENCOT	Center Cottage	PO		Plant Operations
CH	CAUMST	Caumsett Hall	SA	SAGTKS	Sagtikos Arts and Sciences
CP	CAPTRE	Captree Commons	SC	STHCOT	South Cottage
HS	HSEC	Health, Sports and Education Center	ST	SLACKE	Sally Ann Slacke Corporate Training Center
KC	KIDCOT	Suffolk Kids Cottage	VN		Van Nostrand Theatre
LIU		Long Island University	WD	WFDVTC	Workforce Development Technology Center
NC	NTHCOT	North Cottage/ Public Safety	BUS		Bus Shelter
NH	NESCON	Nesconset Hall	1-5		Parking Fields

Enrollment Process

APPLYING AND BEING ADMITTED

Eligibility

The College believes that liberal admission requirements are an essential part of its philosophy and, in that context, has maintained a Full Opportunity Program of admission for many years. Full Opportunity means that the College offers acceptance in an appropriate program to all applicants residing in Suffolk County who have graduated from an approved high school or hold the New York State High School Equivalency Diploma (or equivalent).

Applicants over the age of 18 who do not meet these requirements should contact one of the campus admissions offices for alternate admission procedures under the Ability to Benefit (ATB) program. These procedures include the testing of the applicant and counselor review of all testing data and academic credentials prior to the admission process. Federal guidelines on testing cut-off scores are utilized for admission purposes.

Students who wish to transfer to Suffolk County Community College from another college are accepted if they have left their previous institution in good academic standing. See section below for information regarding advanced standing credit.

Some programs of study have special admission procedures and entrance requirements. Admission into these programs is based on factors such as completion of required prereq-

uisites, grade point average, high school record, work experience and objective test data.

For programs of study with competitive admission requirements, preference may be given to students who complete their prerequisite course work at Suffolk County Community College. In addition, Suffolk County residents will be given preference over residents of other New York State counties for admission into competitive programs in those cases where the program is available in the student's county of residence. Furthermore, applicants from outside New York State, including those from outside the United States, will be considered for admission to competitive/restricted programs only after the admission of all qualified Suffolk County and New York State applicants.

Specific admission requirements and application procedures for each of Suffolk County Community College's curricula can be found in the individual detailed curriculum descriptions on pages 87-186 in the Curricula section of this catalog.

International Students

Admission of international students requires the issuance of a SEVIS I-20 form to qualify for F-1 non-immigrant student status in the United States. International students should contact the International Counselor's office or

visit the College's website at www.sunysuffolk.edu for information and forms regarding international admissions.

International students outside of the United States may have their Suffolk County resident sponsor request a meeting with the International Counselor.

International students are encouraged to file applications at least three months before the start of classes for both the fall and spring semesters.

Submitting Applications

Applicants for admission with matriculated status in a degree program should submit a completed application to:

Central Admissions Office
Suffolk County Community College
533 College Road
Selden, New York 11784-2899

Applications are available at all Suffolk County high schools as well as the Admissions Offices at Suffolk's three campuses in Selden, Riverhead and Brentwood, or apply online at www.sunysuffolk.edu.

In addition, applicants should arrange to have **official** copies of their final official high school transcripts, along with **official** transcripts from any previous colleges attended, sent to the Central Admissions Office. Results of the ACT and SAT, if available, should also be forwarded to the Central Admissions Office.

Application Deadlines

The application deadline for new students is one week prior to the start of classes for both the fall and spring semesters. Nevertheless, applicants are urged to file their application by November 1 for spring admission and April 1 for fall admission in order to assure early consideration of their application and the greatest selection of program and course offerings. In addition, the following programs admit freshmen for the fall semester only and give preference to applications received by January 1:

Chemical Dependency Counseling
Health Information Technology /
Medical Records
Nursing (except June 1 for
NURS1 and NURS6)
Occupational Therapist Assistant
Physical Therapist Assistant
Veterinary Science Technology

Transfer students may, on a case by case basis, be accepted for the spring into competitive programs.

Matriculation

Matriculated Status

Matriculated status is granted to every student who is admitted into a degree program at Suffolk County Community College. Matriculation assures a student that the requirements for a particular degree program which are in effect at the time of matriculation will remain in effect until that student graduates. A student's matriculated status may be rescinded as stated under "Academic Standing."

In addition, students matriculated in programs with limited seat availability will lose their matriculated status during any semester of non-attendance (excluding intersession and summers). Programs with limited seat availability include American Sign Language, Automotive Service Specialist, Early Childhood Education, Nursing, Occupational Therapy Assistant, Physical Therapist Assistant and Veterinary Science Technology.

Matriculated students may attend classes on a part-time (1-11.5 credits per semester) or full-time (12 or more credits per semester) basis and may schedule their classes during the days, evenings or weekends on any of the college's three campuses. **Note: to be eligible for financial aid, students must be matriculated and taking courses required for or applicable to their current degree program.**

Non-Matriculated Status

Non-matriculated status is granted to any student who wishes to take classes at Suffolk County Community College but who has not been admitted into a degree program. Non-matriculated students can register for 1 through 11.5 credits per semester and are not eligible for financial aid. Non-matriculated students who wish to be admitted to a degree program should follow the admission procedures for matriculated status.

PROGRAMS OF STUDY/CURRICULA

<i>Degree</i>	<i>Curriculum</i>	<i>Campus</i>			<i>Offered Day/Evening</i>	<i>Page for details</i>
AAS	Accounting (Career Option)	A	E	G	Both	91
AS	Accounting‡ (Transfer Option)	A	E	G	Both	92
Cert	Accounting	A	E	G	Both	93
AAS	American Sign Language‡					93
	American Sign Language Studies Sequence	A			Evening	
	ASL/English Interpretation Sequence	A			Evening	
AAS	Automotive Service Specialist‡	A			Day	96
AAS	Business Administration Business Administration Online Career Option	A	E	G	Both	97
AS	Business Administration (Transfer Option)‡	A	E	G	Both	98
Cert	Business Management Certificate	A	E	G	Both	99
AAS	Business: Marketing			G	Both	100
AAS	Business: Office Management	A	E+	G	Both	101
AAS	Business: Retail Business Management	A			Both	102
Cert	Business: Retail Business Management Certificate	A			Both	103
AAS	Chemical Dependency Counseling‡			G	Both	104
AA	Communication Studies	A	E	G	Both	106
AA	Communications and Media Arts: Journalism	A			Both	107
AAS	Computer Art		E		Both	108
AS	Computer Science‡	A			Both	109
AAS	Construction Technology - Architectural Technology‡	A			Both	110
AS	Criminal Justice	A	E	G	Both	111
Cert	Criminal Justice: Police Administration‡			G		112
AAS	Culinary Arts/Baking and Pastry Arts		E		Day	113
Cert	Culinary Arts: Baking and Pastry Certificate		E		Day	114
AAS	Culinary Arts/Restaurant Management		E		Day	113
Cert	Culinary Arts: Restaurant Management		E		Day	114
AAS	Dietetic Technician		E		Day	115
Cert	Drafting - CAD Certificate‡	A			Both	116
AAS	Early Childhood‡	A	E	G	Both	117
AS	Early Childhood‡	A	E	G	Both	118
AAS	Electrical Technology: Electronics‡	A			Both	120
AAS	Emergency Medical Technician: Paramedic‡	A			Day	121
AS	Engineering Science‡	A			Evening	122

† Some courses need to be taken at another campus

‡ Special admission procedures and/or entrance requirements prevail for this curriculum

* Jointly registered with St. Joseph's College, Patchogue, NY.

Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus

<i>Degree</i>	<i>Curriculum</i>	<i>Campus</i>			<i>Offered Day/Evening</i>	<i>Page for details</i>
Cert	Fire Protection Technology Certificate	A			Evening	123
AAS	Fire Protection Technology	A			Evening	123
AS	Fitness Specialist‡	A			Both	124
AAS	Graphic Design	E			Day	126
AAS	Health Information Technology/Medical Records‡	G			Day	127
AAS	Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R)‡	G			Evening	129
Cert	Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R) Certificate‡	G			Evening	130
AAS	Hotel and Resort Management	E			Day	131
Cert	Hotel and Resort Management Certificate	E			Day	132
AS	Human Services‡	A			Day	133
AAS	Information Technology					
	Computer Information Systems Option	A	E	G	Both	135
	Internet/Web Development Option	A	E	G	Both	136
	Network Design and Administration Option	A	E	G	Both	136
Cert	Information Technology Certificate					
	Computer Information Systems Option	A	E	G	Both	138
	Internet/Web Development Option	A	E	G	Both	138
	Network Design and Administration Option	A	E	G	Both	138
AAS	Interior Design (Design Fashion)	E			Both	139
AA	Liberal Arts and Sciences – Adolescence Education/Biology*	A	E	G	Both	140
AA	Liberal Arts and Sciences – Adolescence Education/English*	A	E	G	Both	142
AA	Liberal Arts and Sciences – Adolescence Education/History*	A	E	G	Both	144
AA	Liberal Arts and Sciences – Adolescence Education/Mathematics*‡	A	E	G	Both	146
AA	Liberal Arts and Sciences – Education (Child Study) Emphasis*	A	E	G	Both	148
AA	Liberal Arts and Sciences – General Studies Emphasis	A	E	G	Both	150
AA	Liberal Arts and Sciences – Humanities Emphasis					
	Cinema Studies Option	A			Both	151
	Creative Writing Option	A			Both	152
	English Option	A			Both	152
	Foreign Language Option	A			Both	153
	Philosophy Option	A			Both	154

† Some courses need to be taken at another campus

‡ Special admission procedures and/or entrance requirements prevail for this curriculum

* Jointly registered with St. Joseph's College, Patchogue, NY.

Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus

<i>Degree</i>	<i>Curriculum</i>	<i>Campus</i>	<i>Offered Day/Evening</i>	<i>Page for details</i>
AA	Liberal Arts and Sciences – International Studies Emphasis			
	Business Option	A E G	Both	155
	Humanities Option	A E G	Both	155
	Social Science Option	A E G	Both	155
AA	Liberal Arts and Sciences – Mathematics Emphasis	A	Both	156
AS	Liberal Arts and Sciences – Science Emphasis‡			
	Biology Option	A E† G†	Both	157
	Chemistry Option	A	Both	158
	Earth and Space Science Option/ Astronomy Sequence	A	Both	158
	Earth and Space Science Option/ Geology Sequence	A	Both	158
	Earth and Space Science Option/ Meteorology Sequence	A	Both	158
	Environmental Science / Forestry Option‡	A E† G†	Both	157
	Physics Option	A	Both	158
AA	Liberal Arts and Sciences – Social Sciences Emphasis‡			
	History Option	A G	Both	160
	Political Science Option	A G	Both	160
	Psychology Option	A G	Both	160
	Sociology / Anthropology Option	A G	Both	160
AA	Liberal Arts and Sciences – Women’s and Gender Studies Emphasis	A	Both	161
AAS	Manufacturing Technology	G	Both	162
AS	Music	A	Day	164
AAS	Nursing‡	A G	Day	165
AAS	Nursing from LPN‡ (Advanced Placement)	A G	Day	165
AAS	Nursing‡	A G	Evening	165
Cert	Nursing: Practical Nursing Certificate	E	Day	169
AAS	Occupational Therapy Assistant‡	G	Day	171
AAS	Paralegal Studies‡	A G	Both	173
Cert	Paralegal Studies Certificate‡	A G	Both	174
AAS	Photographic Imaging	E G	Both	175
AAS	Physical Therapist Assistant	A	Day	176
AAS	Radio and Television Production‡	A	Day	178
AAS	Telecommunications Technology Verizon Option*‡	A	Day	179
AS	Theatre Arts			
	Acting Option	A	Day	180
	General Theatre Option	A	Day	181
	Technical Theatre Option	A	Day	181

† Some courses need to be taken at another campus

‡ Special admission procedures and/or entrance requirements for this curriculum

* Jointly registered with St. Joseph’s College, Patchogue, NY.

Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus

Degree	Curriculum	Campus	Offered Day/Evening	Page for details
AAS	Veterinary Science Technology†	G	Day	183
AAS	Veterinary Science Technology‡	G	Evening	183
AS	Visual Arts	A G	Both	186

† Some courses need to be taken at another campus

‡ Special admission procedures and/or entrance requirements prevail for this curriculum

* Jointly registered with St. Joseph's College, Patchogue, NY.

Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus

TRANSFER PROGRAM INFORMATION

Suffolk County Community College has entered into special programs and agreements with four-year colleges and universities designed to facilitate and expedite the process of transferring from Suffolk after completing an associate degree. The following programs and agreements:

- Joint Admission Agreements with Four-Year Colleges and Universities
- Articulation Agreements with Four-Year Colleges and Universities
- Jointly Registered Programs with Four-Year Colleges and Universities

provide easy transition from Suffolk to a four-year college or university and often require the completion of only one application for admission and/or the payment of only one application fee. Further information about these programs can be obtained at <http://www.sunysuffolk.edu/Students/TransferOpps.asp>.

ADVANCED STANDING CREDIT FOR COLLEGE-LEVEL LEARNING

Requests for credit by evaluation of transcripts for previous course work or for credit by examination should be made through the Central Admissions Office. Students may request credit for prior course work by forwarding **official** transcripts from all prior academic institutions attended to the Central Admissions Office, Suffolk County Community College, 533 College Road, Selden, NY 11784-2899.

Grades for prior course work accepted for SCCC credit are not noted on the transcript, nor are they considered in computing the grade point average. However, applicants for curricula with competitive admission should note that grades for such courses may be used for

admission decisions only. For further information contact the Admissions Office.

In addition to transfer credit for course work completed at another college, Suffolk County Community College recognizes a number of programs designed to facilitate students' progress toward the goal of earning an associate degree or one-year certificate by awarding credit for:

- non-classroom learning sponsored by non-collegiate organizations which is equivalent to college course work
- various examination programs
- portfolio review
- independent learning

These opportunities are described in the sections which follow.

Students who avail themselves of these opportunities for advanced standing must still complete at least 30 credit hours of academic course work at Suffolk for the associate degree and 15 credit hours of academic course work at Suffolk for the one-year certificate, exclusive of physical education credits. Consult the Admissions Office for further information.

• By Prior Course Work

Advanced Placement Examinations

Credit may be awarded to students who have taken Advanced Placement courses in high school and who attain scores of at least 3 on the appropriate Advanced Placement examinations administered through the Educational Testing Service.

Transfer Credit

Credit for course work successfully completed with a grade of C minus (C-) or better at another accredited institution of higher education may be awarded for courses deemed equivalent to Suffolk County Community College courses.

Educational Programs Sponsored by Certain Non-Collegiate Organizations

Credit may be granted in accordance with recommendations of the New York State Department of Education and/or the American Council on Education for courses sponsored by employers, government agencies and similar organizations. Credit may also be granted for courses completed through the United States Armed Forces Institute (USAFI) and military training schools.

• By Examination

Students who have achieved college-level learning through their work, volunteer activities, travel or similar experiences may seek academic credit by earning satisfactory scores on certain examinations as described below.

College-Level Examination Program (CLEP) Examinations

These are computer-based tests covering many of the subjects and courses offered at Suffolk. Students who believe they have already achieved on their own the learning normally accomplished by completing particular college courses may attempt to demonstrate that learning by taking the appropriate CLEP examinations. Successful performance on the tests can result in credit toward their degree or certificate (similar to transfer credit) through the Central Admissions Office. A list of course equivalents for the CLEP examinations accepted by Suffolk is available through the Admissions Office. CLEP examinations are offered throughout the year in group sessions at the Ammerman Campus.

Challenge Examinations

When a CLEP examination is not available to test prior learning in a course or subject offered at Suffolk, the student may request, and the College may agree, to prepare and administer a special Challenge Examination in the subject. Challenge Examinations are not necessarily available for all courses. Contact the campus Associate Dean of Academic Affairs for further information.

Other Nationally Recognized Standardized Examinations

Students who have taken standardized examinations for which the college has not previously awarded credit may petition through the Central Admissions Office to have the particular examinations evaluated for possible credit.

NOTE: When CLEP and other standardized scores are accepted for SCCC credit, no grade

is recorded on the student's transcript, nor is one considered in computing the grade point average. However, applicants for curricula with competitive admission should note that test scores may be translated into letter grades to be used for admission decisions only. For further information contact the Central Admissions Office.

• By Portfolio Assessment

Portfolio assessment is an alternative vehicle for defining, demonstrating and documenting college-level learning achieved outside the classroom. Students who have the appropriate reading and writing competencies may take COL120: Portfolio Preparation, a one-credit course available in the fall and spring semesters. The course encompasses relevant academic content, skill development and ongoing guidance during the process of developing a learning portfolio. Attending an informational meeting is a prerequisite for enrolling in COL120. After completion of the course, students may submit the learning portfolio for evaluation for possible college credit.

Evaluation of the portfolio is not part of COL120. The evaluation is done by faculty experts in the academic disciplines reflected by the student's learning and is subject to a separate assessment fee.

For further information contact the Office of Prior Learning on the Ammerman Campus at 631-451-4850.

Restrictions on Advanced Standing Credit

Where an appropriate standardized examination or Challenge Examination is available, students may be required to demonstrate prior learning by taking the examination in lieu of requesting credit by portfolio assessment.

The college will not award credit by examination, nor will it entertain petitions for credit by portfolio assessment, when to do so would jeopardize its accreditation by the relevant professional association.

Students who avail themselves of these opportunities for advanced standing credit and/or receive transfer credit for prior course work **must still complete at least 30 credit hours of academic course work at Suffolk applicable to their associate degree curriculum and 15 credit hours of academic course work at Suffolk applicable to their one-year certificate curriculum, exclusive of physical education credits.**

STUDENT SUCCESS PROGRAMS

Educational Opportunity Program (EOP)

The Educational Opportunity Program (EOP) is designed to provide academic support to students enrolled full-time in a curriculum at the college. Students admitted to the program have the academic potential to attain a college degree but may need additional academic support and counseling throughout their time at the college to persist to graduation.

Eligibility

The program is offered to full-time students who are New York State residents for twelve months prior to attending college. EOP accepts students who qualify academically and financially based on the following guidelines:

- New York State resident;
- recipient of a high school diploma, TASC or its equivalent;
- full-time registration;
- .79 or less high school average in major subjects, or placement in one or more developmental courses;
- non-high school graduate who is admitted to SCCC through the Ability to Benefit (ATB) program;
- meet NYS legislated income guidelines.

Students Transferring to Suffolk County Community College

Students transferring to SCCC are eligible for EOP provided they have been enrolled in EOP, College Discovery, HEOP (Higher Education Opportunity Program), SEEK (Search for Education, Elevation and Knowledge) or a similar academic and financial support program at their previous college. If the previous college did not have EOP or a similar program, students may be considered for transfer eligibility and should notify SCCC when applying to the college.

Program Highlights

- 5-week Summer Program which begins in July, provides college orientation and intensive review of reading, writing, computer and mathematic skills
- Additional tutorial services throughout the semester
- Intensive counseling services
- Registration priority
- Induction into Chi Alpha Epsilon Honor Society (3.0 or better for 2 consecutive semesters)

Developmental Studies

Each campus offers courses that provide intensive assistance to help students prepare for college-level course work. Soon after students are admitted and assigned matriculated status, they are contacted to arrange a time to take the *College Placement Tests* (CPTs), required of newly admitted full and part-time matriculated students. These tests determine the level of course work appropriate for new students: college-level or some level of developmental studies. Students transferring from another college who can demonstrate they have successfully completed the appropriate college-level courses may be waived from the placement test requirement.

On the basis of the placement tests, high school courses and grades, and other available test scores, students are enrolled in a college-level course or some level of developmental studies. Students are required to successfully complete any developmental courses into which they are placed. *The requirement to take developmental courses may lengthen the time needed to complete a degree.*

Students who are required to take one or more developmental courses in two or more areas (ENG009, ENG010, MAT001, MAT006, MAT007, RDG098, RDG099, ESL011-018, ESL120), or one developmental English or reading course at the 09 level (ENG009/ESL017 or RDG098/ESL011) may enroll in no more than 14.5 hours/credits per semester and make changes in courses only after written approval by an academic dean, academic chair, counselor or faculty advisor. The developmental courses do not carry credit toward a degree or certificate. Individual programs of 12-14.5 hours, which include the required developmental courses and courses from the student's chosen curriculum, are arranged by the counseling staff in consultation with the student. The college believes that such developmental courses can improve scholastic ability and thereby promote a smooth transition to the traditional college-level academic programs at Suffolk.

Developmental studies support services include advisement and tutoring in reading, writing and mathematics. In addition, there are centers on each campus which offer faculty and peer tutoring in reading, writing and mathematics.

Sequences

The sequences for Developmental Studies are as follows:

MATHEMATICS: Hours

MAT001: Developmental Mathematics Skills	3
MAT006: Pre-Algebra and Algebra I	5
MAT007: Algebra I	4

ENGLISH:

ENG009: Basic English Skills	3
ENG010: Developmental Writing	3

READING:

RDG098: Introduction to College Reading	3
RDG099: Reading in the Content Areas . .	3

ENGLISH AS A SECOND LANGUAGE:

ESL011: ESL: College Reading I	3
ESL012: ESL: College Reading II	3
ESL013: ESL: Intensive Grammar I	3
ESL014: ESL: Intensive Grammar II	3
ESL015: ESL: College Listening / Speaking Skills I	3
ESL016: ESL: College Listening / Speaking Skills II	3
ESL017: ESL: College Composition I . . .	3
ESL018: ESL: College Composition II . .	3

Levels

LEVEL I: Courses will be chosen in consultation with an advisor or counselor.

Students who place into all entry-level developmental courses (e.g., MAT001, RDG098 and ENG009) could take the following sample program:

RDG098	3 hours
MAT001/MAT006	3-5 hours
ENG009	3 hours
*	3-3.5 hours/credits
<hr/>	
Total	12-14.5 hours/credits

A Level I ESL student might take the following program:

ESL011	3 hours
ESL013	3 hours
ESL015	3 hours
ESL017	3 hours
<hr/>	
Total	12 hours

* Possible selections include:

1. COL105 (3 credits)
2. OFT101 (1 credit), PED (1 credit) and /or COL101 (1.5 credits) **
3. COM110 (3 credits) and /or COL101 (1.5 credits)

** Some of these courses require a course fee of \$50.00

LEVEL II: Any student who places at the RDG099 and ENG010 level (or for ESL stu-

dents, ESL012 and ESL018 level) might have the option to take a content area course such as COM110, OFT101, OFT102, or PED as well as restricted sections of the following courses designated "Developmental": ANT101, BUS101, PSY101, SOC101, HIS101.

Sample programs are as follows:

RDG099	3 hours
ENG010	3 hours
MAT007	4 hours
PSY101D	3 credits
COL101	1.5 credits
<hr/>	
Total	14.5 hours/credits

MAT103	3 credits
ENG010	3 hours
RDG099	3 hours
COM110	3 credits
COL101	1.5 credits
<hr/>	
Total	13.5 hours/credits

A Level II ESL student might take the following program:

ESL012	3 hours
MAT006	5 hours
ESL018	3 hours
OFT101	1 credit
COL101	1.5 credits
<hr/>	
Total	13.5 hours/credits

Full-time students placing into the developmental classes in reading, English or mathematics must register for the required classes during their first semester. If two levels of a course are required, students must continue to the next higher-level developmental course during the subsequent semester, provided they have completed the lower-level developmental course with a satisfactory grade. Students receiving a U, R or W are required to repeat the lower-level course before moving on to a higher-level course.

Students who are required to take multiple developmental courses and are unable to enroll in all of the courses during their first semester should successfully complete developmental reading and English prior to enrolling in developmental mathematics.

Part-time students who test into developmental courses are required to successfully complete these developmental courses which may be taken in conjunction with certain approved courses. If only developmental mathematics is required, it should be completed within the students' beginning semesters.

Any grade issued for a developmental course is binding. A test and retest score on the CPT cannot be used to substitute for or replace an earned grade.

Exiting Developmental Studies

Once a student progresses beyond the RDG099 (ESL012), ENG010 (ESL018) and MAT006/MAT007 level, he/she can exit from Developmental Studies and take regular college-level content area courses. If other indications of potential success exist, a student should contact the campus Office of Academic Affairs.

Student Support Services (SSS) Program

The Student Support Services program provides opportunities for students to successfully complete their postsecondary education. The goal is to increase the retention and graduation rates of participants and ease the process of transition from one level of higher education to the next. The following services are provided:

- one-to-one assistance for academic and educational needs
- instruction in basic study skills
- tutorial services
- assistance in applying for financial aid
- information about career and transfer opportunities
- registration priority
- peer mentoring

Students must be enrolled full-time and in their first semester at Suffolk County Community College. In addition, eligible students must meet at least one of the following criteria:

- first-generation college
- low income and/or
- documented disability.

For more information contact campus Student Support Services Program.

English As A Second Language (ESL)

Suffolk County Community College recognizes that students who are non-native speakers of English may require specialized English language instruction. As a result, extensive course offerings in English as a Second Language are available at each of the campuses.

The three English as a Second Language (ESL) programs offer instruction in listening, speaking, reading, writing and grammar to students for whom English is a second language. The ESL programs include both part-time and full-time developmental classes on a non-credit* basis and a third program which offers developmental classes on a credit* basis. The

aim of all three programs is to provide limited English-proficient students with a functional knowledge of the English language.

The programs furnish students with the necessary communication skills to secure gainful employment, perform more effectively in daily life situations, and enroll in further college-level courses if they so desire. Inasmuch as Suffolk County offers employment opportunities in business and industry as well as academic options, the ESL programs are aimed at making these opportunities accessible to their students. Instruction consists of sequenced levels, each of which is a prerequisite for the next level. These levels are divided into sections that focus on the four linguistic skill areas: speaking, listening, reading and writing.

Non-Credit Program ESL Classes*

The **part-time** non-credit* ESL program consists of six levels and the **full-time** Intensive English Program (IEP) consists of three levels. In both programs, each level is a prerequisite for the next. The only requirements to enter either program are that students be at least 18 years of age and take a placement test in order to determine their level of proficiency and appropriate placement in a level.

The **part-time** non-credit* ESL program is for those students who:

- have not enrolled at the College in a degree program
- are seeking a less expensive option
- are able to devote only a limited number of hours per week to study
- have language skills at the most basic level
- are seeking to improve language skills for vocational or social reasons
- are unsure of future academic goals

The **full-time** non-credit* Intensive English program is for those students who:

- want or need to dedicate a significant number of hours per week toward language acquisition
- are preparing for college or university study
- wish to increase their career options

ESL PROGRAM SEMESTER (non-credit*): The semester lasts 12 weeks for both programs. Each week, students in the **part-time** program must attend class for 5 hours and also complete one hour of language lab, for a total of 6 hours per week. Depending on the campus, classes are offered during the day, in the evening and on Saturday and Sunday. Students in the **full-time** Intensive English Program must

attend class for 18 hours per week and complete two hours of language lab for a total of 20 hours a week. The Intensive English Program has both day and evening offerings.

Part-time ESL Program

Pre-Level 1	<i>per week</i>
Comprehensive	5 hours
Language Lab	1 hour
Total	6 hours

Level 1:	
Conversation	2 hours
Grammar	2 hours
Reading/Writing.....	1 hour
Language Lab	1 hour
Total	6 hours

Level 2:	
Conversation	1 hour
Grammar	2 hours
Reading/Writing.....	2 hours
Language Lab	1 hour
Total	6 hours

Level 3:	
Conversation	1 hour
Grammar	2 hours
Reading/Writing.....	2 hours
Language Lab	1 hour
Total	6 hours

Level 4:	
Conversation	1 hour
Writing	2 hours
Reading.....	2 hours
Language Lab	1 hour
Total	6 hours

Level 5:	
Comprehensive	5 hours
Language Lab	1 hour
Total	6 hours

Total Program Time: 6 semesters/432 hours

Full-time Intensive English

Program (IEP) *per week*

Beginner:

Comprehension and Speaking ...	6 hours
Grammar	6 hours
Reading/Writing.....	6 hours
Language Lab	2 hours
Total	20 hours

Intermediate:

Comprehension and Speaking ...	4 hours
Grammar	5 hours
Reading	4 hours
Writing	5 hours
Language Lab	2 hours
Total	20 hours

Advanced:

Comprehension and Speaking ...	3 hours
Grammar	3 hours
Reading	4 hours
Writing	5 hours
Language Lab	2 hour
Choice of either:	
American Culture	3 hours
or	
TOEFL Prep	3 hours
Total	20 hours

Total Program Time: 3 semesters/720 hours

Upon successful completion of either Level 5 or the Advanced IEP of the non-credit program, an exit test is given and students are encouraged to pursue college-level work. Students who successfully complete the program also participate in the ESL graduation ceremony. At that time they receive a Certificate of Program Completion which recognizes their achievement.

* Students should be aware that all ESL courses, credit or non-credit, are considered developmental and therefore do not fulfill any degree or certificate requirements.

Credit Program ESL Classes*

In addition to the two non-credit* ESL programs, the college also recognizes a growing need among limited English-proficient graduating high school seniors, returning adult students and professionals for a more intensive language curriculum where they would earn credit*, be eligible for financial aid and have recognized matriculated status at Suffolk County Community College. As a result, English for Academic Purposes, a more intensive program of ESL classes, has been developed. After completing this sequence of courses, these students might continue at the college to receive an associate degree or transfer to another institution to continue professional studies.

The credit* ESL program is for students who:

- have been accepted by SCCC for full or part-time admission.
- are applying for financial aid (note: for state aid eligibility, new students must earn at least 3 credits toward their current degree, while students in subsequent semesters must earn at least 6 credits toward their current degree).
- are seeking a more intensive program of study for academic or professional reasons.

- need intensive instruction in any of the above-named skill areas.
- need specialized ESL classes based on results of the College Placement Tests.
- have completed the non-credit ESL program and need additional focused course work to enable them to continue their studies.

ESL PROGRAM SEMESTER (credit*): The semester lasts 15 weeks. Students must attend classes for 12 hours per week if they are taking the full sequence or three hours per week for each class in which they are placed.

SEMESTER I:		<i>per week</i>
ESL011	ESL: College Reading I	3 hours
ESL013	ESL: Intensive Grammar I	3 hours
ESL015	ESL: College Listening/ Speaking Skills I	3 hours
ESL017	ESL: College Composition I	3 hours
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TOTAL		12 hours**

SEMESTER II:		<i>per week</i>
ESL012	ESL: College Reading II	3 hours
ESL014	ESL: Intensive Grammar II	3 hours
ESL016	ESL: College Listening/ Speaking Skills II	3 hours
ESL018	ESL: College Composition II	3 hours
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TOTAL		12 hours**

Total Program Time: 2 semesters / 360 hours

* Students should be aware that all ESL courses, credit or non-credit, are considered developmental. Therefore, they do not fulfill any degree or certificate requirements.

** plus 3 or 6 credits for financial aid eligibility.

AFTER BEING ADMITTED

Placement Testing and Course Selection

Suffolk County Community College believes that accurate course placement will increase students' chances of success. Therefore, newly admitted students may be required to take the *College Placement Tests* (CPTs), which assess competence in reading, English and mathematics. Students **transferring to** Suffolk may also be required to take the CPTs, depending on their academic background.

After testing, students will be scheduled to meet with a counselor or faculty advisor to review their curriculum choice and, on the basis of their test results and/or prior academic records, will be placed in appropriate courses,

which may include one or more non-credit developmental courses in the basic skills areas.

Orientation

New students are strongly encouraged to attend an orientation program sponsored by the Campus Activities Offices prior to the beginning of classes each semester on each of the three campuses.

These orientation programs help new students make the transition into college by providing:

- an opportunity to meet faculty, administrators, counselors, student ambassadors and other new students, and
- information about academic policies and programs, student support services and student life opportunities.

Immunization and Medical Requirements

Prior to registration, all new students admitted to the College who were born on or after January 1, 1957 must submit a completed Certificate of Immunization or the equivalent and an acknowledgement of meningitis risk or proof of meningitis immunization to the Health Services Office, in fulfillment of the following legal requirement:

In accordance with New York State Public Health Law, Section 2165, all matriculated students attending Suffolk County Community College who were born on or after January 1, 1957 must provide written proof of adequate immunization against measles, mumps and rubella in accordance with standards approved by the New York State Department of Health. (See page 70 for a more detailed explanation of the immunization policy.)

In addition, in accordance with New York State Public Health Law 2167, all new students are required to acknowledge that they have received information about meningococcal disease, and to indicate that they either have received the appropriate vaccination within the past 10 years, or have decided not to obtain immunization against the disease.

New students should also submit a self-report medical history as requested on the College Health History Form.

A medical examination (Physician's Report) must be filed by all nursing and health careers students, as well as students in the Dietetic Technician curriculum who plan to enroll in DTE211 (Food Service Management). Veterinary Science Technology students are required to have a tetanus shot within 10 years prior to enrollment.

In addition, all students in the nursing and health career programs, including dietetic technician courses, are required to purchase liability insurance when registering for courses that include any field work, practicum or off-campus laboratory experiences. This insurance must be purchased at the time of registration. Those courses requiring the insurance are identified in the course descriptions.

Furthermore, many health career organizations require health career students practicing in their agencies to receive the Hepatitis B vaccination or sign a declination statement as a condition of practicing in the facility. The Hepatitis B vaccination is a safe and effective method of preventing Hepatitis B infection. Questions about this health facility vaccination requirement should be directed to the Health Services Office on any campus.

Insurance

Student Accident Insurance Plan

Suffolk County Community College sponsors the Student Accident Insurance Plan, which is paid through semester fees by all full- and part-time students enrolled in a course of a minimum of 10 weeks and/or enrolled in courses, or are eligible to participate in activities, that present potential risks, including, but not limited to, physical education, internship, cooperative education, or field placement. Coverage is in effect 24 hours a day on and off campus.

For insured students, coverage begins on the start-date of the full semester (fall or spring), continues through wintersession, and then either terminates at 12:01 A.M. on the first date that the subsequent semester begins or will be renewed upon reenrollment. Those who register solely for wintersession courses may also be required to participate in the plan.

Claim forms and additional information are available at the campus Health Services Office.

Student Liability Insurance

All students in nursing and health career programs, including dietetic technician courses, are required to purchase liability insurance when registering for courses that include any field work, practicum, or off-campus laboratory experiences. This insurance fee is also charged to students enrolled in cooperative education and internship classes and is automatically generated upon registration. Those courses requiring this insurance are identified in the course descriptions.

Registration

Currently enrolled matriculated and non-matriculated students are eligible to register before the end of each semester for the following term. Registration may be conducted on the Web via MySCCC at www.sunysuffolk.edu or in person at the campus Registrar's Office. New matriculated students must register in person. After registering, students receive a schedule/bill. All students are responsible for verifying the content of their schedule/bill and making the appropriate tuition payment prior to the date listed. **No student is considered enrolled until all tuition and fees are either paid in full or officially deferred.**

Late Registration

Late registration (for students without a current schedule) include a late registration fee and begins one week prior to the official start of each session (Day, Evening, Saturday / Sunday) and continues through the first week of classes. Late Registration for a course is only permitted up until the day before the course is scheduled to hold its first class meeting. Exceptions to this policy may only be approved by the College's chief academic officer or designee.

Add/Drop Period

Students with a current class schedule are not charged a late fee to modify their existing schedules during the add/drop period. Some course offerings will not permit enrollment after the first class meeting. The College's Chief Academic Officer or designee will determine on a College-wide basis which courses will not admit students after the first class meeting based upon recommendations made by the Campus Executive Deans. Otherwise, students are permitted to add a class up until the start of a class's second week (e.g., prior to the third session of a class that meets twice a week or the second session of a class that meets once a week). Exceptions to this policy may only be approved by the College's chief academic officer or designee.

Any students who enters a class after the first meeting, regardless of reason, is accountable for all course requirements including assignments and attendance.

A student may drop a course during the first three weeks of the semester during the official refund period.

Paying Tuition and Fees

The tuition deposit, which is applied to the payment of tuition, is non-refundable. An unused tuition deposit may be applied to the payment of tuition for a one-year period which will include the semester for which the tuition deposit was made.

Payment and Deferral of Tuition

All students are required to pay tuition and all appropriate fees at the time of their registration. However, students who qualify for financial assistance or loans from state, federal or private agencies may be permitted, on a case-by-case basis, to defer payment of tuition and fees until receipt of such financial aid, but in no case beyond the end of the semester. (Please see explanation of Financial Aid beginning on page 42.) Personal checks are accepted at the discretion of the college. Individual abuse of this policy may lead to non-acceptance of a personal check.

A tuition payment deferral is a privilege extended to a student by the college and can be withdrawn at the discretion of the college. In addition, if third party payment is not received, the college reserves the right to demand pay-

ment from the student. Funds from any source may be used by the college for payment of any and all deferred or outstanding charges. It is the student's responsibility to follow through on all financial aid paperwork to ensure timely completion of the process.

Tuition Payment Plan

Suffolk County Community College has a tuition payment plan which allows students to initially pay one-third of the amount due, with an additional one-third due four weeks into the semester and the final one-third due at the mid-point of the semester.

Plans are offered for the fall and spring semesters only. Amounts due from a previous semester must be repaid before a student can subscribe to a subsequent semester's plan. A \$50.00 fee is charged for use of the Tuition Payment Plan and a \$30.00 Late Fee is assessed for any payment not made on or before its scheduled due date. The minimum amount that can be deferred is the value of a three-credit course. The Tuition Payment Plan is not available for students taking non-credit courses and is not offered during wintersession or any summer session.



Alumna Profile

Rachael Dioguardi – Class of 1996

Rachael Dioguardi is a successful bankruptcy attorney and an adjunct professor at Suffolk County Community College. After practicing in a mid-size Long Island law firm for 8 years, Rachael decided it was time to give back to the college that jump-started her career. So, she resigned from her full-time job to teach at Suffolk. She now runs her own law firm and teaches courses in the paralegal program on the Ammerman Campus.

Rachael earned an Associate of Applied Science Degree in Criminal Justice from Suffolk County Community College in 1996 and a Paralegal Certificate in 1997. At Suffolk, she was the recipient of the Marianne Byers

Memorial Scholarship, which grants funds to a graduate from the Ammerman Campus with a minimum GPA of 3.0 to pursue a bachelor's degree at a four-year college or university.

After graduating, Rachael continued her studies and worked as a paralegal at a small law firm in Suffolk County. She went on to work at a leading international law firm in New York City and then a mid-size firm in Nassau County. She earned her bachelor's degree in criminal justice from NYIT in 1999 and her Juris Doctorate, magna cum laude, from Touro College's Jacob D. Fuchsberg Law Center in May 2007.

Rachael has been actively involved at Suffolk County Community College since her graduation by conducting workshops for paralegal students, providing Suffolk's paralegal students with internship and full-time employment opportunities, participating in the college's Paralegal Symposium and joining the paralegal students, along with other professors, on their trips to Washington, D.C.

Rachael never hesitates to tell anyone that "Suffolk County Community College has the most dedicated professors. They care, they listen and they teach." After having worked with many paralegals over the years, she believes that Suffolk turns out the highest caliber paralegals on Long Island because the small classes and dedicated professors provide students with every opportunity they need to be successful. "I am forever grateful for the education, dedication and guidance that my Suffolk County Community College professors gave me. Without them, I would not have the success I have today."



Finances

TUITION AND FEES

Suffolk County Community College's operating costs are funded by tuition and fees paid by students, state aid provided by New York State and funding appropriated by Suffolk County.

Tuition and Residency

The College charges full-time tuition to students who take twelve or more credits per semester, and part-time tuition to students who take fewer than twelve credits. Students who take less than twelve credits are charged on a per credit basis.

The College has two tuition rates: resident tuition and non-resident tuition, which is double the resident tuition rate.

Residents of Suffolk County pay resident tuition. Non-New York state residents pay non-resident tuition. New York State residents who live in other counties will qualify for resident tuition if they provide a Certificate of Residence; if they do not, they will be charged non-resident tuition.

To qualify for resident tuition, a student must have legal residency of one year in New York and six months in Suffolk County.

The legal residency of unmarried students under age 21 is that of their parents.

The county of residence of newly discharged student veterans who are residents of New York State is the county in which they lived when they entered military service.

Members of the armed forces of the United States on active duty who are stationed in New York State, their spouses and their dependents pay tuition as Suffolk County residents.

Non-citizen Suffolk County permanent residents with permanent Resident Cards ("green cards") are charged resident tuition.

New York state residents who live in other counties may be eligible for resident tuition. To qualify, they must submit a Certificate of Residence from their home county fiscal officer prior to registration. Applications are available at the College's business office and also on the College's student portal (www.sunysuffolk.edu/MySCCC).

Students must file their applications with their home county's chief fiscal officer no more than two months before the start date of the next semester. A Certificate of Residence is valid for no more than one year, after which a new one must be submitted.

Non-Suffolk residents who do not comply with the Certificate of Residence requirement and non-Suffolk residents in the United States on a student visa who are ineligible for the Certificate of Residence are charged non-resident tuition.

Fees

Application Fee: supports the cost of admission processing for full-time and part-time students on their first admission to the College.

Laboratory, Special Equipment, Special Program, Distance Education, and Physical Education Fees: partially fund the extra cost of supplies, equipment and services for designated specific courses, which are annotated in this catalog.

Technology Fee: a dedicated fee that provides support for technology and equipment.

Vehicle Registration Fee: charged for each vehicle registered with the College, this fee supports vehicle registration and security activities.

Tuition Payment Plan (TPP) Fee: the college charges a fee to use its tuition payment plan (TPP), which allows students taking three credits or more to pay their tuition and fees in installments.

Late Payment Fee: the College charges late payment fees to students who do not pay their bills on time.

Late Registration Fee: students who initiate their registration one week prior to the first day of a session (day, evening, Saturday or Sunday) are charged this fee. It is not charged to registered students who change an existing course schedule.

Student Activity Fee: this fee funds cultural, athletic and other activities and programs of the Student Association.

Liability Insurance Fee: charged on a per-course basis, this fee pays for liability insurance for students who take designated courses in nursing and health careers, cooperative education, internship, and other experiential curricula, courses and programs.

Accident Insurance Fee: provides accident and death coverage for all full-time students and part-time students.

International Studies/Study Abroad Program Fee: A non-refundable fee charged by the Association to cover administrative expenses incurred to support these programs.

Returned Check Fee: recovers bad-check charges assessed by banks for students whose accounts had insufficient funds to cover their payment.

Records Maintenance Fee: partly covers the cost of managing, maintaining, and issuing student records.

Transcript Fee: covers the cost of transcripts. The College accepts third-party payments for transcripts.

Replacement of Lost ID Card Fee: covers the replacement of lost ID cards.

Web Access Fee: covers interchange charges assessed when credit card payments are processed electronically.

Challenge Examination Fee: charged to students for examinations prepared and administered by the College in subject areas where CLEP examinations are not available.

English as a Second Language (ESL) Fees: charged to students who take non-credit "XA" English as a Second Language courses.

Prior Learning Assessment Fees: charged to review students' learning outside the classroom. The Basic Fee is complemented by a Supplementary Fee equal in value to one-third of the tuition for the credits awarded.

College-Level Examination Program (CLEP) Service Fee: charged to students who take standardized tests that allow them to demonstrate mastery of course subject matter and to earn credit toward their degree or certificate if they achieve a satisfactory score. Students pay the Service Fee to the College and a per test fee to the College-Level Examination Program.

College-Level Examination Program (CLEP) Rescheduling Fee: a service charge to students who reschedule CLEP examinations.

Nursing Program Instructional Materials Fee: A non-refundable fee for instructional materials provided to students in the nursing program classes.

Culinary Arts Program Fee: A non-refundable fee for instructional materials provided to students in culinary arts classes.

Non-Refundable and Refundable Fees

Some fees are non-refundable. These include the Application Fee, Placement Testing/Advisement Fee, Returned Check Fee, the Challenge Examination Service Fee, Tuition Payment Plan Fee, Late Payment Fees, Tuition Deposit, ID Card Replacement Fee, Web Access Fee, International Studies/Study Abroad Program Fee, Transcript Fee, TASC Registration Fee, and Prior Learning Assessment Fee.

Other fees are refunded if the student officially withdraws on or before the first day of a session. These include the Student Activity Fee, Accident Insurance Fee, Liability Insurance Fee, Vehicle Registration Fee, Technology Fee, Late Registration Fee, and the Records Maintenance Fee.

The Laboratory, Equipment, Special Program, Distance Education, and Physical Education Service fees are refunded on a pro-rata basis during the regular refund periods.

Tuition is refundable according to the refund schedule.

Tuition and Fees Schedule (as of Fall 2014)

NOTE: The tuition deposit, which is applied to the payment of tuition, is non-refundable. An unused tuition deposit may be applied to the payment of tuition for a one-year period which will include the semester for which the tuition deposit was made.

Payment of full-time tuition permits a student to register for 12-19 credit hours of course work in a semester. Special permission must be obtained from the Executive Dean in order to register for more than 19 credits in any semester. Each request is evaluated on the basis of its merit, including the student's prior academic records, and his/her commitments other than college.

Tuition for the **summer, wintersession and other special sessions** is based on the part-time tuition rate of \$183.00 per credit for Suffolk residents and \$366.00 per credit for non-residents. Other fees are applicable to the sessions as appropriate.

The level of tuition rates for **non-credit courses** is in general similar to credit course charges. Specific tuition rates are included in the appropriate Suffolk County Community College brochure.

The following schedule of tuition and fees for Suffolk County Community College is in effect through the summer of 2015 and applies to all campuses and extension sites of the college. The schedule of tuition and fees for the 2015-2016 academic year will be approved during the summer of 2015.

Tuition and fees must be paid at the time of registration. In the event a course is canceled, tuition and fees for that course are refunded in full.

All tuition, fees and related refund policies are subject to change at the discretion of the college. The following tuition and fees were in effect for the 2014-2015 academic year:

12 credits or more per semester (full-time)	
Tuition, Residents, per semester	.. \$ 2,195.00
Tuition, Non-Residents, per semester	..... 4, 390.00
Application Fee (non-refundable)	..... 40.00
TASC Test Registration Fee (non-refundable)	..... 10.00
Tuition Deposit (applied to tuition but non-refundable)	..... 100.00

Transcript Fee (non-refundable)	..... 10.00
Student Activity Fee (per credit, maximum \$96 per semester)	..... 8.00
Laboratory/Equipment/Special Program Fees*, per course	..... 60.00
<i>(Applicable courses are indicated in current catalog and course schedules.)</i>	
Distance Education Fees*, per course	.. 65.00
<i>(Applicable courses are indicated in course schedules.)</i>	
Physical Education Fee*, per course	... 60.00
<i>(Applicable courses are indicated in current catalog.)</i>	
Accident Insurance Fee (mandatory), per semester	..... 9.50
Returned Check Fee, each (non-refundable)	..... 30.00
Liability Insurance Fee, per course	.... 50.00
Challenge Examination Fee, per course (non-refundable)	..... 100.00
Late Registration Fee, per session (non-refundable; begins one week prior to first day of session)	..... 30.00
Culinary Arts Program Fee, per credit	.. 65.00
Applied Music Fee, per semester	.... 450.00
Music Performance Lab Fee, per semester	..... 35.00
Prior Learning Assessment (non-refundable) Basic Fee per discipline for Portfolio Evaluation	..... 100.00
Supplementary Fee	..... 1/3 tuition of credits requested
College-Level Examination Program (CLEP) Service Fee	..... 40.00
College-Level Examination Program (CLEP) Late Fee	..... 20.00
Tuition Payment Plan Fee, per semester (non-refundable)	.... 50.00
Late Payment Fee, per assessment (non-refundable)	.. 30.00
Technology Fee (campus enrollees only), per semester	..... 80.00
Vehicle Registration Fee (per vehicle, per semester - Fall, Spring, Summer)	.. 15.00
Records Maintenance Fee, per credit, maximum \$36.00 per semester	..... 3.00
Replacement of Lost ID Card Fee	..... 12.00
Replacement of Lost Parking Sticker	... 12.00

**The Laboratory/Equipment/Special Program Fees, Culinary Arts Program Fee, Distance Education Fees and Physical Education Fees partially provide for the extra costs of special supplies, equipment, technical support and supplemental instruction associated with certain courses designated in the course descriptions contained in the catalog or each semester's course schedule.*

Web Access Fee (applied to charges \$50 and over)	20.00	Physical Education Fee*, per course.	60.00
Failure to obtain College ID Card.	25.00	<i>(Applicable courses are indicated in current catalog.)</i>	
Smoking Policy Violation.	20.00	Returned Check Fee, each (non-refundable)	30.00
Failure to Register/Renew Vehicle with College.	30.00	Liability Insurance Fee, per course	50.00
Parking in other than Designated Area .	50.00	Challenge Examination Fee, per course (non-refundable)	100.00
Driving or Parking on Restricted Roads or Areas	100.00	Accident Insurance Fee (mandatory), per semester	9.50
Obstruction of a trash container/crosswalk	75.00	Late Registration Fee, per session	20.00
Littering College Campus	50.00	<i>(begins one week prior to first day of session)</i>	
Parking in Fire Zone/Lane or 15 feet of fire hydrant.	150.00	Culinary Arts Program Fee, per credit. .	65.00
Excessive Speed on campus.	100.00	Applied Music Fee, per semester	450.00
Failure to stop, to obey signs or security personnel	100.00	Music Performance Lab Fee, per semester	35.00
Failure to yield to pedestrians.	100.00	Prior Learning Assessment (non-refundable) Basic Fee per discipline for Portfolio Evaluation	100.00
Parking in Handicapped Area.	280.00	Supplementary Fee	1/3 tuition of credits requested
English as a Second Language (ESL) Non-credit Tuition (per semester)		College-Level Examination Program (CLEP) Service Fee	40.00
ELL001, ELL010	315.00	College-Level Examination Program (CLEP) Late Fee	20.00
ELL003, ELL005, ELL007, ELL008	195.00	Tuition Payment Plan Fee, per semester (non-refundable)	50.00
ELL002, ELL004, ELL006, ELL009	120.00	Late Payment Fee, per assessment (non-refundable) . .	30.00
ELW001, ELW002, ELW003, ELW004, ELW005, ELW006, ELW007, ELW008, ELW009	135.00	Technology Fee (campus enrollees only) per semester	40.00
IEP070, IEP071, IEP080, IEP081, per semester	1,645.00	per Summer semester	40.00
IEP090 and IEP091 and either IEP092 or IEP093, per semester.	1,645.00	per Wintersession.	20.00
IEP092, IEP093 per semester.	190.00	Vehicle Registration Fee (per vehicle, per semester - Fall, Spring, Summer) . .	15.00
Fewer than 12 credits per semester (part-time)		Records Maintenance Fee, per credit, maximum \$36.00 per semester	3.00
Tuition, Residents, per credit	\$ 183.00	Replacement of Lost ID Card Fee	12.00
Tuition, Non-Residents, per credit	366.00	Replacement of Lost Parking Sticker . . .	12.00
Application Fee (non-refundable)	40.00	Web Access Fee (applied to charges \$50 and above	20.00
TASC Test Registration Fee (non-refundable).	10.00	Failure to obtain College ID Card.	25.00
Transcript Fee (non-refundable)	10.00	Smoking Policy Violation.	20.00
Student Activity Fee (per credit, maximum \$96 per semester).	8.00	Failure to Register/Renew Vehicle with College.	30.00
Tuition Deposit (applied to tuition but non-refundable)	100.00	Parking in other than Designated Area .	50.00
Laboratory/Equipment/Special Program Fees*, per course.	60.00	Driving or Parking on Restricted Roads or Areas	100.00
<i>(Applicable courses are indicated in current catalog and course schedules.)</i>		Obstruction of a trash container/crosswalk	75.00
Distance Education Fees*, per course . .	65.00	Littering College Campus	50.00
<i>(Applicable courses are indicated in course schedules.)</i>		Parking in Fire Zone/Lane or 15 feet of fire hydrant.	150.00
		Excessive Speed on campus.	100.00

Failure to stop, to obey signs or security personnel	100.00
Failure to yield to pedestrians.	100.00
Parking in Handicapped Area.	280.00
English as a Second Language (ESL) Fees (per semester)	
ELL001, ELL010	315.00
ELL003, ELL005, ELL007, ELL008	195.00
ELL002, ELL004, ELL006, ELL009	120.00
ELW001, ELW002, ELW003, ELW004, ELW005, ELW006, ELW007, ELW008, ELW009	135.00
IEP070, IEP071, IEP080, IEP081, per semester	1,645.00
IEP090 and IEP091 and either IEP092 or IEP093, per semester.	1,645.00
IEP092, IEP093 per semester.	190.00

Students are responsible for the purchase of their own textbooks and ordinary stationery supplies. While textbook costs may vary, the average cost to students ranges between approximately \$75 to \$100 per course. Textbooks and supplies can be obtained at the college bookstore located on each campus.

Refund Policy

State University of New York regulations govern how community college refunds are calculated. Refunds are determined by the start-date of the session, not the first day of classes on a particular schedule. Once students have officially dropped class(es), the College recalculates the student's account and either refunds any amount due or bills for any amount owed. The College processes refunds after the refund periods end. All refund payments are made by check.

Refund Periods and Schedule

For regular sessions and classes lasting eight weeks or more:

- 100% of tuition and refundable fees is refunded before the start of the session
- 75% of tuition and refundable fees is refunded in the first week
- 50% of tuition and refundable fees is refunded in the second week
- 25% of tuition and refundable fees is refunded in the third week
- No refunds are made after the end of the third week.

For classes and sessions lasting fewer than eight weeks:

- 100% of tuition and refundable fees is refunded before the start of the session
- 25% of tuition and refundable fees is refunded in the first calendar week (with minor exceptions)

No refunds are made after the end of the first week.

Information on minor exceptions that affect classes lasting less than one week is available at campus business offices.

The specific calendar dates for all sessions are available at the campus Business Offices and on the Student Portal at www.sunysuffolk.edu/MySCCC.

Special Refund Provisions for Federal Financial Aid Recipients

Federal financial aid, including loans, is recalculated for students who totally withdraw before sixty (60) percent of the semester is complete to reflect the period of actual attendance. For example, a student who attends for only thirty (30) percent of a semester is entitled to only thirty (30) percent of the aid and/or loans awarded.

As a result, students whose accounts were credited with more than their adjusted aid award and/or loan can owe the College money. When this occurs, students are billed and liable for the amounts due.

Exceptions to the Refund Policy

Under very limited circumstances, students may request refunds after the end of the refund periods. Requests are not considered for students who attended beyond the midpoint of the semester, nor are they considered if they are submitted more than thirty days following the end of the semester affected.

If these time frames are met, the College may make exceptions to the refund policies for students affected by serious illness, who experience death in their immediate family, or are called to military service. To be considered under these circumstances, students may submit the "Request for a Refund/ Adjustment of Financial Liability" form. The form is available on the Student Portal at www.sunysuffolk.edu/MySCCC and must be submitted to the office of the Associate Dean of Students Services on the campus of attendance. Decisions of the Associate Dean of Student Services are final and may not be appealed.

Circumstances such as minor illness, general financial difficulties, job changes or conflicts, and transportation issues, or complaints about course content or instructional methodology

are not sufficient to justify exceptions to the general refund policy.

Collection of Overdue Tuition and/or Other Charges

In those cases where payment of tuition and/or other charges is overdue, the College employs the services of collection agencies and/or attorneys. In that event, the student is liable for an additional sum representing interest and all costs of collection including reasonable attorney's fees of one third of the balance in default at the time of collection. Students are also advised that their academic records will be encumbered prior to the end of the semester if all charges are not paid. Grades and transcripts will be withheld until full payment is made.

To Withdraw

All students who want to withdraw from courses for any reason must officially notify the College; to receive a refund or a credit, they must withdraw during the official refund periods. Students officially withdraw by using the Add/Drop form on the Web (www.sunysuffolk.edu/MySCCC) or submitting the form in person at the campus Registrar's Office.

Non-attendance in a course, verbal communication with College offices or instructors, or stopping payment on a check are NOT official ways to drop classes. The official withdrawal is the only form of withdrawal that qualifies a student for a refund of tuition and nonrefundable fees.

The College's withdrawal procedure applies to all students, including those who receive student loans and financial aid. Withdrawal from school can affect eligibility for financial aid and/or loans, and some students who withdraw, as a result, owe the college money afterwards. These students are liable for amounts due and are billed by the College accordingly.

FINANCIAL AID

General Information

Financial aid is assistance that the College, state and federal governments make available to eligible students to help them meet expenses while attending college. Students who think they will have difficulty meeting the total cost of going to college should apply for financial aid. Most of the College's financial aid is awarded based on financial need, which is defined as the cost of college minus family resources. Financial aid may never exceed financial need.

In many instances, Suffolk County Community College (SCCC) is able to meet the student's full financial need with grants that do not have to be repaid.

All aid applicants must be matriculated in a degree or certificate program. Only courses that are required or applicable to the student's current degree program are eligible for financial aid. Repeated courses previously passed are not eligible to be funded by financial aid.

Check College website (www.sunysuffolk.edu) for additional information.

The first step in applying for financial aid is completion of the "Free Application for Federal Student Aid" (FAFSA). All financial aid applicants must file this form electronically to be considered for any aid, including student loans, and list SCCC on the application. Your Student Aid Report, which is generated by completion of the FAFSA, must be correct and complete by your last day of enrollment. Students interested in also applying for financial aid sponsored by New York State can file the same electronic FAFSA and then click on the link for New York State residents. An applicant who misses the link for the online FAFSA or abandons their Web session will be able to apply online at tapweb.org where they will be able to establish a HESC PIN to gain access to the online TAP application. Each campus Financial Aid Office has a computer lab where students can file electronically to expedite their award processing.

Because students must be matriculated and taking courses applicable to their current degree or certificate program in order to receive any financial aid, all applicants for financial aid, whether full-time or part-time, should have filed a formal application for admission to the college and have all academic credentials forwarded to the college's Central Admissions Office, 533 College Road, Selden, New York 11784-2899. Financial aid cannot be disbursed until a final official high school transcript with date of graduation or high school equivalency diploma is on file in the Admissions Office or the student has been admitted to the college under Ability to Benefit (ATB) guidelines (see page 48). As of July 1, 2012, students admitted with Ability to Benefit (ATB) are no longer eligible for Federal Aid.

The federal processor reviews family income and assets and computes an "expected family contribution" (EFC) to educational cost. The college subtracts the "EFC" from the cost of attendance (available on our website at www.sunysuffolk.edu) to determine financial need. The

financial need represents the amount of money required minus family resources to meet college expenses for the academic year.

Students eligible for financial assistance under any of the college-based financial aid programs (Pell, Federal Supplemental Educational Opportunity Grant [FSEOG], Federal Work Study [FWS], Aid for Part Time Study [APTS]), will receive an award letter.

The award notification for state tuition assistance (TAP) will be sent to the student by the New York State Higher Education Services Corp., Albany, New York.

The William D. Ford Direct Loan Program (Subsidized, Unsubsidized and Parent Plus Loans) allows you to borrow funds to finance all or part of your educational expenses. Funds are transmitted to the College directly from the Department of Education's central processor.

For more complete financial aid information and/or assistance, visit the college's website or contact the Financial Aid Office on any campus. There the financial aid specialists assist matriculated students with the application process for all federal and state financial aid programs and numerous loan programs. In addition to providing all appropriate application materials, services include financial aid counseling, assistance in completing applications, and resolving problems throughout the process.

FINANCIAL AID OFFICES

Ammerman Campus

Ammerman Bldg. Room A16
533 College Road
Selden, NY 11784-2899
631-451-4072 (phone),
631-451-4640 (fax)
faammerman@sunysuffolk.edu

Eastern Campus

Peconic Bldg. Room 230
Riverhead, NY 11901-3499
631-548-2525 (phone),
631-548-2504 (fax)
faeast@sunysuffolk.edu

Michael J. Grant Campus

Caumsett Hall, Room 30
Crooked Hill Road
Brentwood, NY 11717-1092
631-851-6712 (phone),
631-851-6814 (fax)
fawest@sunysuffolk.edu

Deadlines

The College recommends that incoming students complete the filing process by April 15 preceding the fall semester when entering in the fall.

Students who file for admission after April 15 should file their application for financial assistance at the same time as their admission application. **The College cannot process a student's application for financial aid until the student has been accepted for enrollment and matriculated in a program of study.**

Student Aid Reports must be correct and complete by your last day of enrollment.

Renewal

Financial aid is not automatically renewed and must be applied for each year. For continuing students, the college requires an application for renewal of financial aid be filed no later than April 15. Log on to FAFSA on the Web at www.fafsa.ed.gov.

In order to continue to receive federal and state financial aid programs, students must be in good academic standing and maintain satisfactory academic progress. The satisfactory progress standards for financial aid recipients are contained in the college catalog and on our website under Financial Aid/Progress Standards.

Withdrawal or Change of Status

Students who wish to withdraw from the college or change status (go from full-time to part-time or reduce the number of part-time credits) for any reason must complete an official withdrawal form available in the campus Registrar's Office. The date of such application during the first three weeks will determine the percentage of tuition refundable and could affect the amount of financial aid received. **Failure to follow the proper withdrawal procedures will result in the student being financially liable for full tuition and fees. Federal financial aid cannot pay student charges for a class or classes the student never attended or stopped attending unless official college withdrawal procedures were followed.** Students receiving a *pro rata* reduction of federal student aid when withdrawing before 60% of the semester is completed may be liable for any outstanding tuition due.

Review

Financial aid applicants may review decisions of the Financial Aid Office by making an appointment with a campus financial aid counselor.

Independent Student Status

The definition of "independent student" as defined by the federal government and applicable to all federal aid programs including the Federal Direct Loans, is an individual who

meets one of the following criteria:

1. You are at least 24 years old by December 31 of the award year (i.e., 2013 for the 2013-2014 year).
2. As of today, you are married or separated but not divorced.
3. You are a veteran of the United States Armed Forces.
4. You have children who will receive more than half of their support from you from July 1 to June 30 of the award year.
5. You have dependents (other than children or spouse) who live with you and who receive more than half of their support from you through June 30 of the award year.
6. Since you turned age 13, both parents were deceased, or you were in foster care or you were a ward of the court.
7. You were an emancipated minor or in legal guardianship as determined by a court in your state of legal residence.
8. You were determined to be an unaccompanied youth who was homeless by your school district, director of an emergency shelter or director of a homeless youth center.

Students applying for state tuition assistance (TAP) must follow a different set of guidelines to be considered independent. TAP will consider a student over 35 years of age independent regardless of any other circumstances. Applicants between 25 and 35 years of age must meet additional requirements for independence. Students under 22 years of age (as of July 1) will usually not be considered independent with respect to state programs.

The federal/state regulations governing independent status are complicated and subject to change. It is suggested that students consult with a campus financial aid counselor if they are considering filing for financial aid as an independent student.

Federal Government Grants

Pell Grant (PELL)

Students may apply for a Pell Grant (PELL) if they are enrolled at Suffolk County Community College and taking courses toward their current degree as a matriculated student. To be eligible for a Pell Grant, students must have financial need. The awards for 2013-2014 range from \$605 to \$5645 per year.

Students who receive Pell funds in excess of tuition may utilize a school credit in the campus bookstore up until the third week of the semester. If a student does not utilize the

school credit, a refund will be sent directly to the student. A student can opt out of this credit by notifying the campus Financial Aid Office in writing.

Federal Supplementary Educational Opportunity Grant (FSEOG)

FSEOG is intended to assist students with low family contributions and the greatest need. Students are eligible to apply for FSEOG if they are taking courses toward their current degree as a matriculated student. Awards will be based on the financial need of the student. Generally, the awards will range from \$200 to \$600 per year with a priority for Pell recipients.

New York State Government Grants

Tuition Assistance Program (TAP)

The Tuition Assistance Program (TAP) is available to residents of New York State who are full-time students (12 credits or more). The TAP award is based on the family's New York State net taxable income. Awards range from a minimum of \$250 to a maximum of \$4,140 per year. To be eligible, students must have graduated from a high school in the United States, earned a High School Equivalency Diploma, or passed a federally approved "Ability to Benefit" test as approved by the Commissioner of the State Education Department. Students who are required to take remedial courses, must be enrolled for at least 6 credit-bearing courses toward your current degree program. Students are not covered for repeat courses that were successfully completed in the past. Only courses required for your current degree or certificate qualify for financial aid.

Part-Time TAP

Part-time TAP is available to New York State residents enrolled for 6-11 credits who earned two consecutive semesters of 12 credits each. Part-time TAP awards are pro-rated.

Part-Time TAP for Disabled Students

Part-time TAP for students with disabilities is available for New York State residents enrolled for 3-11 credits who meet the criteria for the Americans with Disabilities Act (ADA).

Aid for Part-Time Study (APTS)

Undergraduate part-time matriculated students who are New York State residents may be eligible to receive tuition assistance for part-time study.

To be eligible for an award a student must fulfill the following criteria:

- be a resident of New York State;

- be either a U.S. citizen, permanent resident alien or refugee;
- be a high school graduate, or receive the equivalent of a high school certificate, or receive a passing grade on a federally approved examination;
- be matriculated as a part-time student in an approved undergraduate degree or certificate program;
- be enrolled for at least 3 but less than 12 credits toward the current degree program per semester.

Awards for Children of Deceased or Disabled Veterans, Police Officers and Firefighters

The following award/scholarship programs are available from New York State:

1. Child of Veteran Awards – for students whose parent(s) served in the U.S. Armed Forces during specified periods of war or national emergency.
2. Veterans Tuition Awards – Vietnam, Persian Gulf, or Afghanistan veterans matriculated for full or part-time study.
3. NYS Memorial Scholarships – for families of deceased Firefighters, Volunteer Firefighters, Police Officers, Peace Officers and Emergency Medical Service Workers who died as the result of injuries sustained in the line of duty in service to the State of New York.
4. World Trade Center Memorial Scholarships – for families and financial dependents of victims who died or were severely and permanently disabled as a result of the Sept. 11, 2001 terrorist attacks.
5. Volunteer Recruitment Service Scholarships – for fire and ambulance volunteers.

Students should contact New York State Higher Education Corporation at 888-697-4372 for additional information on all programs above.

Aid for Native American Students

Under New York State Education Law, assistance is provided for Native American students from any of the several Native American tribes located within the state who are residents of a reservation. The maximum individual grant is \$2000 per year for a period not to exceed four years.

For further information concerning aid to Native Americans, the student should contact:
 Native American Education Unit
 NYS Education Department
 Albany, New York 12234
 Phone: (518) 474-0537

Suffolk County Legislature Tuition Assistance Programs

Tuition Assistance Program for Children of Suffolk's Fallen First Responders is awarded to full-time and part-time students (full tuition):

Criteria: Must document being first generation issue of Suffolk County firefighter, emergency medical technician of Suffolk County town or village or police officer killed in the line of duty. Tuition assistance is renewable providing the student remains in good academic standing according to the College's academic policies.

Tuition Assistance Program for Children and Spouses of Fallen Soldiers is awarded to full-time and part-time students (full tuition):

Criteria: Must document being a child or spouse of a member of the armed forces killed in a combat zone while in actual service of the Federal government, and whose home of record at the time of death was in Suffolk County. Tuition assistance is renewable providing the student remains in good academic standing, according to the College's academic policies, and funds are available.

Tax Credits

American Opportunity Credit, Lifetime Learning Credit and New York State Tuition Tax Credit Deduction are tax credits which may be taken when filing tax forms.

Financial Assistance Awards by Agencies Outside the College

There are several additional types of financial assistance programs provided by state and federal agencies from which students may be eligible to receive assistance.

1. Adult Vocational Rehabilitation Services (ACCES-VR)

For additional information log on to www.access.nysed.gov.

2. Benefits under the G.I. Bill and the War Orphans Assistance Program

General information is available on the College home page. Specific information is available by contacting the Veterans Administration toll-free at 888-442-4551 or the Veteran Service Agency located in Hauppauge at 631-853-8387.

3. Benefits available by being a student and part-time soldier

For educational purposes only, up to a maximum of \$9,768 can be received by serving in the Army Reserves. New York Army National Guard pays 100% of tuition charges. Contact your local State

FEDERAL AND STATE FINANCIAL ASSISTANCE PROGRAMS

Program	How to Apply	Award	Income Criteria	Enrollment
Federal Pell Grant (Pell)	<i>fafsa.ed.gov</i>	\$302-\$2823/semester; \$605-\$5645 annually	Varies – dependent on financial need that would include income, assets, household size, and number of siblings in college. Financial need determined by the Federal Methodology Formula	Available for both part- and full-time study
Federal Supplementary Educational Opportunity Grant (SEOG)	<i>fafsa.ed.gov</i>	\$50-\$600/semester; \$100-\$1200 annually	Same as above – Demonstrating financial need	Available for both part- and full-time study
Federal Work-Study Program (FWSP) and America Reads Program	<i>fafsa.ed.gov</i>	\$3000 Annually; \$8.50-\$10.50/hour; Summer \$2000	Same as above – Demonstrating financial need	Available for both part- and full-time study
Federal Direct Loan	<i>fafsa.ed.gov</i> and Master Promissory Note (MPN) from Department of Education	1st year up to \$3500; 2nd year up to \$4500; Independent students up to an additional \$4000/year	Subsidized Loan: Same as above – must also demonstrate “financial need;” Unsubsidized Loan: no income criteria	Minimum 6 credits/semester
Federal Direct Parent Loan	<i>fafsa.ed.gov</i>	Minimum: \$200/year; Maximum: “Cost of Attendance” less other financial aid	No income criteria. However, parent borrower must have good credit and satisfactory income-to-debt ratio.	Minimum 6 credits/semester
NYS Tuition Assistance Program (TAP)	<i>fafsa.ed.gov</i> and Express TAP Application (ETA)	Minimum: \$125/semester Maximum: full tuition or \$2070/semester	Dependent Students and Independent Students with Dependents: NYS taxable income not to exceed \$80,000; Single Independent Students: NYS taxable income not to exceed \$10,000	Full-time study only (12+ degree credits/semester)
NYS Aid for Part-Time Study Program (APTS)	<i>fafsa.ed.gov</i> and APTS application	Not to exceed total tuition, or up to \$1000/semester	Single/Independent/no dependents: NYS taxable income not to exceed \$34,250; Dependent Student or Independent with Dependents: NYS taxable income not to exceed \$50,500	Part-time study only (3-11 credits/semester)
NYS Part Time TAP application	<i>fafsa.ed.gov</i>	Award pro-rated	Dependent Students and Independent Students with Dependents: NYS taxable income not to exceed \$80,000; Single Independent Students: NYS taxable income not to exceed \$10,000	6-11 credits Must have been full-time in the two preceding terms

Armory and/or U.S. Army Reserve Unit. Loan repayment assistance is also available. Contact the Veterans Administration for additional information.

Loans

Federal Student and Parent Direct Loan Program

The Federal Direct Loan Programs (Subsidized/Unsubsidized Student Loans and Federal Parent Direct Loans) enable the student and/or parent to borrow from the federal government to help pay educational costs.

Students may apply for a loan if they are enrolled or have been accepted at the college as a matriculated student in at least a half-time program of study (6 hours).

All students must file the FAFSA ("Free Application for Federal Student Aid").

Length of the repayment period depends upon the date the promissory note matures as well as the total amount borrowed.

Federal Subsidized Direct Loan Program

Depending on need as determined by the federal application (FAFSA), students may borrow up to \$3,500 for the first year and up to \$4,500 for the second year. The student cannot borrow more than the cost of education minus the expected family contribution (EFC) and any other financial aid received. If the total financial aid including EFC is less than the cost of education, the student is considered to have need and is eligible for a subsidized Federal Loan.

Loan repayments begin six months after the student graduates, leaves school or drops below half-time status. The federal government pays the interest while the student is enrolled.

The amount of each payment depends upon the size of the student's debt. Monthly payments and the ability to make those payments should be determined prior to taking out such a loan. The interest rate is currently 3.86%.

A new borrower on or after July 1, 2013, becomes **ineligible** to receive additional Direct Subsidized Loans if the period during which the borrower has received such loans exceeds 150 percent of the published length of the borrower's educational program. For example, a student enrolled in a two-year program will have three years worth of subsidized loan eligibility and a student enrolled in a four-year program will have six years worth of subsidized loan eligibility.

Federal Unsubsidized Direct Loan Program

Unsubsidized Direct Loans are available to all matriculated students regardless of

income, but only after a student has filed a FAFSA. The interest rate is currently 3.86%. Interest payments begin on the day the loan is disbursed, and the student is responsible for interest accrued during in-school and deferment periods. Interest payments can be paid monthly, quarterly, or be capitalized by the lender and added to loan principal. Repayment begins six months after the student ceases to be enrolled at least half-time. Borrowers can receive subsidized and unsubsidized loans for the same loan period but the combined total of both programs cannot exceed Federal Direct Loan Program annual limits. The subsidized loans must be applied for first. Independent students may receive up to an additional \$4,000 in unsubsidized loans.

Federal Direct Parent Loan

Federal Direct Parent Loans are for parent borrowers. Annual loan limit is the cost of education minus other financial aid for each dependent student. The interest rate is currently 6.41%.

Part-Time Employment

Federal Work-Study Program

The Federal Work-Study Program provides jobs for students who have applied for financial aid, demonstrate financial need and must earn part of their educational expenses. The student must be enrolled and matriculated to be considered for this program. Jobs may be on- or off-campus, and work hours are usually arranged around the student's class schedule. The Work-Study Program also provides an opportunity for students to work as tutors of English and mathematics in local school districts through the America Reads/Counts Program.

Part-Time Jobs on Campus

In addition to Federal Work-Study there are other part-time jobs on campus which are funded under the budgets of various academic departments. Student tutor jobs are also available on campus. **These jobs are not based on the student's financial need.** Information on **off-campus**, part-time employment is available on the College's website Job Connection (www.sunysuffolk.edu/jobs).

How to Apply

Federal Programs

The Free Application For Federal Student Aid (FAFSA) is the primary document for ALL financial aid applicants. Students must file the FAFSA electronically as soon as possible. File

SATISFACTORY ACADEMIC PROGRESS

FEDERAL (PELL, SEOG, ACG, FWS, STAFFORD AND PLUS LOANS) FINANCIAL AID SATISFACTORY PROGRESS REQUIREMENTS

*Total Course Hours Attempted	Successful Accrued Credits	Grade Point Average	*Total Course Hours Attempted	Successful Accrued Credit	Grade Point Average
1 - 5	0	0.0	43 & 44	30	1.8
6	3	1.5	45 & 46	31	1.8
7	4	1.5	47 & 48	32	2.0
8	5	1.5	49 & 50	33	2.0
9	6	1.5	51 & 52	34	2.0
10 & 11	7	1.6	53 & 54	36	2.0
12	8	1.6	55 & 56	38	2.0
13 & 14	9	1.6	57 & 58	39	2.0
15	10	1.6	59 & 60	40	2.0
16 & 17	11	1.7	61 & 62	42	2.0
18	12	1.7	63 & 64	43	2.0
19 & 20	13	1.7	65 & 66	44	2.0
21	14	1.7	67 & 68	46	2.0
22 & 23	15	1.7	69 & 70	47	2.0
24	16	1.7	71 & 72	48	2.0
25 & 26	17	1.7	73 & 74	50	2.0
27 & 28	18	1.7	75 & 76	51	2.0
29	19	1.7	77 & 78	52	2.0
30 & 31	20	1.7	79 & 80	54	2.0
32	21	1.8	81 & 82	55	2.0
33 & 34	22	1.8	83 & 84	56	2.0
35	23	1.8	85 & 86	58	2.0
36 & 37	24	1.8	87 & 88	59	2.0
38	25	1.8	89 & 90	60	2.0
39 & 40	27	1.8	**91+	67%	2.0
41 & 42	29	1.8			

* All withdrawals, after the add/drop period, including "unofficial withdrawals" (no longer attending class), will be counted as attempts. Students falling below the above standards will be ineligible for financial assistance unless they are approved for a waiver due to unusual circumstances.

** Students cannot receive financial aid after attempting 150% of the classes required toward their degree. All students pursuing a second associate's degree will be expected to successfully complete 75% of all course attempts.

NEW YORK STATE FINANCIAL AID SATISFACTORY PROGRESS REQUIREMENTS TUITION ASSISTANCE PROGRAM AND STATE SCHOLARSHIPS

PAYMENTS OR SEMESTERS

Before Being Certified for This Payment	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth
Student Must Have Accrued at Least This Many Credits	0	6	15	27	39	51	66	81
With at Least This Grade Point Average	.0	1.3	1.5	1.8	2.0	2.0	2.0	2.0
Student Must Have Also Completed This Many Credits in the Prior Semester	0	6	6	9	9	12	12	12

Academic requirements for New York State part-time financial aid programs (Aid for Part-Time Study, Part-Time TAP, Accelerated TAP and part-time scholarships) are prorated. The chart reflects the New York State TAP standards for all students first receiving TAP in 2010 and beyond.

on the Web at fafsa.ed.gov, either at home or by using a personal computer at any of the campus Financial Aid Offices.

When completing the FAFSA, applicants are asked to indicate their interest in the Federal Work-Study Program. In addition, note that all applicants, based on their financial need, will automatically be considered for a Federal Supplemental Educational Opportunity Grant on a first-come first-served basis. Additional application and eligibility information is available in the chart on the previous page.

Additional Applications Tuition Assistance Program (TAP)

After filing a FAFSA electronically, the student can file for TAP by clicking the link for New York State residents. An applicant who misses the link from the online FAFSA or abandons their Web session will be able to apply online at tapweb.org.

New York State Aid for Part-Time Study (APTS)

After filing a FAFSA, students request an APTS application from the campus Financial Aid office, which should be completed and returned.

Students with the greatest financial need are selected and awards are made on a term by term basis. For more information or applications contact the campus Financial Aid office. Note that APTS is a tentative award and all enrollment conditions must be met when the actual funds are received from Albany for payment to the student.

Parent Loans for Undergraduate Students (PLUS)

First apply for other aid through completion of the Free Application for Federal Student Aid (FAFSA) to ensure consideration for all sources of aid.

Parents who want to apply for a Parent Loan must fill out a Plus Loan Data Sheet available on our website and submit the request to the campus Financial Aid Office. Parents must also complete a Master Promissory Note (MPN) at www.studentloans.gov. Once the loan is approved by the Department of Education loan proceeds will follow.

Satisfactory Academic Progress for All Financial Aid Recipients

Federal and state regulations require that the College maintain and administer academic progress and program pursuit requirements. These requirements may be waived due to extenuating circumstances. The waiver is not automatic; it requires a judgment by the College

that the student's failure to meet these academic progress standards was due to a documented unusual situation (e.g., medical, death in family, etc.). Moreover, if the waiver is granted, the student's current academic record must illustrate that he/she can regain the satisfactory standard in the coming semester.

It should be noted that a waiver is not a student entitlement but is issued in accordance with individual student circumstances. For federal programs, students who perform poorly may be granted a conditional waiver and required to satisfy certain conditions in their next semester. Note also that grades of W, F, U and R are not considered satisfactory course completions for financial aid purposes.

Each semester financial aid recipients who fall below the standards listed in the charts on the prior page will be notified in writing of their difficulty and informed of the waiver procedures for each campus. These notifications will be issued each semester when students' cumulative academic records are reviewed. Students are notified of the results of their waiver applications in writing. To continue to receive student financial assistance, it is essential for students to consistently maintain these standards of satisfactory progress.

NOTE: To be considered full-time for financial aid purposes, students must be enrolled for at least 12 credits toward their current degree program, including required developmental courses. In addition, new students must earn at least 6 credits toward their current degree; the remaining courses may be non-credit developmental courses. Continuing students must take courses which earn at least 9 credits toward their current degree (i.e., of the 12 credits taken) in order to be considered full-time; the remaining courses may be non-credit developmental courses. Students are not covered for repeat courses that were successfully completed in the past. All courses used to qualify for financial aid must be required for the degree or certificate.

SCHOLARSHIPS

National Science Foundation Scholarship

The National Science Foundation (NSF-STEM) scholarship program at Suffolk County Community College is designed to aid students pursuing educational paths in science, technology, engineering and mathematics (STEM) fields. Refer to the NSF-STEM website [www3.sunysuffolk.edu/stem] for further information. Dr. Candice J. Foley is the contact person.

Tuition Assistance Program for Children of Suffolk's Fallen First Responders

Tuition Assistance Program established by the Suffolk County Legislature awarded to full-time and part-time students. Applicants must document their status as children of Suffolk County town or village police officer killed in the line of duty and must be accepted and enrolled at Suffolk County Community College.

Tuition assistance is renewable providing the student remains in good academic standing according to the College's academic policy.

Tuition Assistance for Children and Spouses of Fallen Soldiers

Tuition Assistance Program established by the Suffolk County Legislature is awarded to full-time and part-time students. Applicants must document being a child or spouse of a member of the armed forces killed in a combat zone while in actual service to the Federal government and whose home of record at the time of death was in Suffolk County and must be accepted and enrolled at Suffolk County Community College.

Tuition assistance is renewable providing the student remains in good academic standing according to the College's academic policy.

Suffolk Community College Foundation Scholarships

Suffolk County Community College offers more than 400 scholarships worth over \$500,000. The scholarship program is administered under the auspices of the Suffolk Community College Foundation. Scholarships are made available through the generosity of various individuals, student organizations, college faculty and staff, local and community groups, business firms, and through the fundraising activities of the Suffolk Community College Foundation. Each campus has a Scholarship Committee which coordinates the selection of scholarship recipients. Eligibility criteria vary depending upon the particular scholarship in question. Typical criteria include grade point average and credits completed, while selected scholarships may also require enrollment in a specific academic program, residence in a limited geographic area, community service or co-curricular activities. Other factors which may be considered include essays, faculty recommendations and interviews. The actual selection process is coordinated by both campus and college-wide scholarship committees. Most applications are due April 15 for the following fall and some are due December 1 for the following spring.

Get There From Here Scholarship Program

In 2008, the Suffolk Community College Foundation received the largest gift in its history. Given by an anonymous donor, the scholarship contribution was expressly directed toward supporting women and members of Suffolk County's diverse populations to help them achieve their highest academic, personal and professional potential through the benefit of higher education. Thanks to additional contributions from community-based organizations, the College is able to extend the "Get There From Here" Scholarship Program to a broad range of applicants.

As a result, a select number of Suffolk County residents who meet the scholarship's eligibility requirements will be awarded full tuition scholarships annually. The maximum annual award may be as much as \$6,000 and can be used to cover tuition, fees, books and supplies. The scholarship is renewable for a maximum of five semesters. State and Federal aid will be considered when determining the amount to be awarded to a recipient.

For complete eligibility details, scholarship application directions, and downloadable forms, applicants should visit "Get There From Here" scholarship Web page (department.suny-suffolk.edu/GetThereFromHere/index.asp).

Stay on Long Island Initiative

The Stay on Long Island Initiative (SoLII) provides full- and partial-tuition scholarships to Suffolk County Community College's top graduates. This scholarship ensures that high achieving students from Suffolk can pursue their educational dreams locally, through scholarships offered by fourteen of Long Island's quality four-year colleges and universities. More information can be found at www.suny-suffolk.edu/SoLII.

Scholarships for Entering Freshmen

Alumni Association Family
 American Hellenic Educational Progressive Association (AHEPA)
 American Technical Ceramics Corporation for Engineering Science, Electronics and Manufacturing Technology Students
 Astoria Federal Savings
 Margaret Campo
 East Northport Lions Club
 Empire State Diversity Honors
 Estee Lauder
 J. Robert Fisher Honors
 J. Robert Fisher Diversity
 Paul J. Fitzpatrick Memorial
 Robert Fountaine Memorial

Greater New York Chapter of Air
Conditioning Contractors of America for
HVAC students

Sona Hoefman Art Foundation
Honors Program Foundation
HVAC Oil Heat Institute
Charles F. Kelly, Jr. Memorial
Salvatore J. LaLima
Mind Over Matter
National Science Foundation Scholarship
for Science, Technology, Engineering and
Mathematics (NSF S-STEM)

Phi Theta Kappa Honor Society
Presidential

Raymond Rienecker Music
Scouting
Peggy Stewart Memorial
Sunrise Firefighters

Scholarships for Continuing Students

General Academic Merit

Alpha Beta Gamma Academic Excellence
Alpha Beta Gamma for Leadership
Barnes and Noble Bookstore
Zachary L. D'Abreu
Janet DiBari Memorial
John A. DeFina Memorial
Full Deck
General Academic Merit
Long Island Street Rod Association
Giuseppe A. Nigro Lodge, Mother Cabrini

Grant Campus Longevity
Robert T. Kreiling
Giuseppe A. Nigro Lodge No. 2234, OSIA,
Mother Cabrini

Vincent O'Leary
Bert Preston Memorial
Richard Preston Memorial
Smithtown Stitchers
SCC Foundation
SCCC Guild of Administrative Officers
Student Leadership
John Vigiano Memorial
Joseph Vigiano Memorial
Tom Wendt Memorial
Phyllis Young Memorial

Business

Astor Business
Yvonne K. Boulia
H. Jay Jude Bruhn Memorial
Barbara Burggraf Memorial
Martin F. Decatur
Rosemarie V. Dilks Memorial
Irma Drange-Dunnett Memorial
Walter Hamilton Memorial
Joseph Helfenstein

Mimi Krinsky Memorial
Ethel Malloy Memorial
James A. Perry
Frank Pullara Memorial
Mena Ramirez Memorial
Dominic Riemma Family Memorial
Mark Steinbuck Memorial
Helen Weinstein Memorial

Communication and the Arts

Astor Communications and the Arts
B&M Art Supply
Shirley Cox Theatre Award
David Demsky
Eastern Long Island Quilters Guild
Gail Cohen Edelman Memorial
Maurice N. Flecker
Leonard Goldberg Memorial
Lou Grasso Memorial
Eileen Kamil Communications
Johnson/Pevy Scholarship of Excellence in
Classical Performance
Joseph Koenig-Munz
Harriette Novick
Lawrence Foundation
Frank Livernoche
Wayne Nester Journalism
Ron Orlando Memorial
Kenny Rogers
Paul Satzman
Vanessa Todd Memorial

Computing

Astor Computing
Barbara Burggraf Memorial
Cappuccio Peterson Memorial
Computer and Information Processing
Society
Mimi Krinsky Memorial
Maitland Mascarenhas
Mena Ramirez Memorial
Raymond Wood Memorial

Culinary Arts

Eastern Long Island Executives Business
Roundtable (ELIE) Culinary Arts
Ryan Hautsch Memorial
Culinary Arts and Hospitality Program
Awards: Culinary Student, Baking and
Pastry Arts Student, Hotel and Resort
Management Student
Russell Klein Memorial
Michael Stryaska Memorial
Michael Todd Memorial

Health, Community and Human Services

Astor, Health, Community and Human
Services

Lana T. Caruso
 Sean M. Coffey
 Crosley
 Maureen Davidson Memorial (Physical Therapist Assistant)
 John Dodds Memorial (AEMT)
 Marjorie P. Doyle
 Foundation for Sight and Sound
 Audrey Gabriel Memorial
 George F. Hanley III Memorial
 Linda Murphy Memorial (Nursing)
 Helen Naviloff Memorial
 Nursing Club Pin Award
 Harold and Louise Perkal Memorial
 Betsy A. Nemeth Memorial
 Patricia Reckenbeil
 Frederick H. Strybing Memorial
 David A. Tereshko Memorial

Liberal Arts

Astor Liberal Arts
 Beverly Broomell Memorial
 Lynn Buck Women's Studies
 Carolyn Chapman Memorial
 Harry Crooke
 DeLuca Italian Club
 Betty Deroski Memorial
 Karl and Doris Erhardt Memorial
 E.S.L.
 Richard Fox Memorial
 Dr. Robert Frey Family Foundation
 June D. Hudis Memorial
 Jane Krigsman Memorial
 Christina and Gaspare L. LaSala
 Ron Lipp Memorial
 Louise B. Perkal Memorial
 Richard Preston Memorial
 SCCC Guild of Administrators Keith Romaine Memorial
 Tracey Stark Memorial (Foreign Languages, General Studies or Humanities)
 Harry W. Steeve Memorial
 Morton D. Strassberg
 Ellis Von Eschen Memorial
 Dr. Robert Warasila Achievement in Physics

Technical, Scientific and Engineering

American Technical Ceramics Corp. for Engineering Science, Electronics and Manufacturing Technology students
 Astor Technical, Scientific and Engineering
 Bridgestone/Firestone
 Dayton T. Brown
 Long Island Street Rod Association (Auto Technology)
 National Science Foundation Scholarship for Science, Technology, Engineering and Mathematics (NSF S-STEM)

Special Criteria

African Peoples Association
 Alpha Beta Gamma Academic Excellence
 Alpha Beta Gamma for Leadership
 Albert M. Ammerman
 Association of Latin American Students (A.L.A.S.)
 H. Jay Jude Bruhn Memorial
 Ethel K. Cooper Memorial, through the Center for the Holocaust, Diversity, and Human Understanding, Inc.
 Cooperative Education and Internship, Ammerman
 Zachary L. D'Abreu Memorial
 Daniel B. DePonte Student of the Year
 D.I.S.C.
 John Dodds Memorial (PBA)
 David Elkins Memorial
 Dawnmarie A. Gerenstein Memorial
 Mildred Green
 Morine Hamilton
 Human Resources Club
 HVAC Oil Institute
 International Indian and Pakistani
 Thurgood Marshall/Rosa Parks Leadership
 Linda Murphy Memorial (Nursing)
 Betsy A. Nemeth Memorial
 National Coalition of 100 Black Women
 Margaret P. and James O'Brien Memorial
 Bert Preston Memorial
 Frances Plourde Memorial/AME
 Laura Provenzano
 Annette Rapkin Office of Campus Activities
 Mena Ramirez Memorial
 Glenda Rosenblum Memorial
 Jack Schanfeld
 John Speirs Memorial
 SCCC Spirit
 Mark Steinbuck Memorial
 Gerry Trerotola Memorial/AME
 John Vigiano Memorial
 Joseph Vigiano Memorial
 Helen E. Weinstein Memorial
 Women Involved in Living and Learning

How to Apply and/or Get Additional Information

For more complete scholarship/award information and application procedures, contact any of the offices listed below or visit the College's website at www.sunysuffolk.edu/Scholarships/search.asp.

AMMERMAN CAMPUS

Suffolk County Community College
Dean of Student Services
Ammerman Building, Room A200
Selden, NY 11784-2899
631-451-4043

EASTERN CAMPUS

Suffolk County Community College
Office of Dean of Student Services
Peconic Building, Room 224
Riverhead, NY 11901-3499
631-548-2514

MICHAEL J. GRANT CAMPUS

Suffolk County Community College
Office of Academic Affairs
Caumsett Hall, Room 100
Brentwood, NY 11717-1092
631-851-6750

CENTRAL ADMISSIONS OFFICE

Suffolk County Community College
533 College Road
Selden, NY 11784-2899
631-451-4026

Alumnus Profile**Matthew Mayers – Class of 2013**

When it came time for Matthew Mayers to begin his college experience, Matthew knew that he either wanted to attend Stony Brook or the Honors Program at Suffolk County Community College. Since he was only 16 when he started college, Matthew chose Suffolk, where he knew he would benefit from the small class settings and easy access to his professors.

“It was an absolutely rewarding experience. And, the best part of my time at Suffolk, was finding out who I am - academically, socially and intellectually,” Matthew said.

By the time he graduated from Suffolk with an associates degree in Liberal Arts-Biology, he was selected to be the featured student speaker for the 2013 Honors Convocation. During his speech, Matthew focused his remarks on the lighthouse that is an integral component of the College’s logo. He used the lighthouse as a metaphor for the energy and the foundation that he found during his years at the College, and which he believes is central to what the College imparts to its students.

While at Suffolk, Matthew was a Get There From Here Scholar and was selected as a 2013 SUNY Chancellor Award Winner. He was also a National Science Foundation STEM (Science, Technology, Engineering and Mathematics) scholar. Through the STEM program, Matthew participated in an internship with Brookhaven National Laboratories, which provided him with yet another exceptional opportunity to learn.

Today, Matthew attends Cornell University, where he is majoring in Human Biology, Health and Society. His future plans include applying to medical school and studying neurology.





15:00			
HOME	PERIOD	GUESTS	
3	i	6	
BALLON	U.S.G.	DOWN	VOSTOGO

Student Services

INTRODUCTION

The College enrolls a diverse group of students with a broad range of abilities, interests, ages and cultural backgrounds. In order to help all students achieve their full potential and obtain the most from their educational experience, the Student Services Division supports the philosophical statement advanced by the National Association of Student Personnel Administrators as follows:

“Student services has a diverse and complicated set of responsibilities. As a partner in the educational enterprise, student services enhances and supports the academic mission. In addition, student services professionals advocate for the common good and champion the rights of the individual, encourage intelligent risk-taking and set limits on behavior, encourage independent thought and teach interdependent behavior. The student services staff is committed to helping students successfully meet these challenges.”

REGISTRATION AND RECORDS

The campus Registrar’s Offices assist students with all activities related to their registration for classes, including adding and dropping classes and withdrawal from classes during the semester. Additional services include verifying student enrollment and academic status for insurance, financial aid and veteran benefits, and student class schedules. The Central Records Office maintains academic records for all students, verifies degree status for employment, evaluates eligibility for graduation, and certifies and mails official college transcripts.

COUNSELING AND ADVISING SERVICES

Counseling, academic advising, transfer and career development services, and special support services are available on each campus at the following locations:

AMMERMAN CAMPUS

Counseling Center
209 Ammerman Building
Office of Advising and Testing
102 Ammerman Building
Office of Special Services
202 Ammerman Building

EASTERN CAMPUS

Student Success Center
2nd Floor, Peconic Building

MICHAEL J. GRANT CAMPUS

Counseling Center
20 Caumsett Hall
Career and Transfer Center
1 Nesconset Hall

Academic Advising

Services are available to guide students through their educational experience. All students on all three campuses can make arrangements to meet with a counselor through the Counseling Center on each campus.

Counseling

Each campus offers counseling services to help students derive the maximum benefit from their college experience. **Educational counseling** is available to assist students in clarifying their educational goals, planning a course of study and selecting appropriate four-year colleges. **Career counseling** services help students explore their interests, values and abilities and make informed decisions regarding area of emphasis and general career direction. As an aid in career counseling, interest and aptitude testing and computerized career exploration programs are also available. **Personal counseling** services are provided to help students deal constructively with personal/social/emotional concerns and difficulties which may be interfering with academic progress. Referrals will be made to community services and agencies when appropriate.

Transfer Information

An up-to-date database of catalogs for four-year colleges, two-year colleges and vocational schools is available in the reference area of each campus library and on the library home page. Further transfer assistance and related materials, including information about transfer scholarships at many of Long Island's private and public colleges, may be obtained from the Career and Transfer Center at each campus.

Each semester, Transfer Days are held on each campus so that students can meet with representatives from dozens of four-year colleges and universities in order to obtain information about admission requirements and program offerings. Further information about these program scan be obtained from any campus admissions office, from Central Admissions Office, or at <http://www.sunysuffolk.edu/Students/Transfer.asp>.

Career Services and Cooperative Education

Career services are available on all three campuses to help enrolled students and alumni research and pursue career opportunities in local, regional and national markets. Profes-

sional counselors assist students and alumni to understand the career search process, construct resumes and cover letters, hone interview techniques, and participate in internship and cooperative education experiences. Career service professionals facilitate workshops throughout the semester in resume writing, interviewing, networking, career exploration and effective job search techniques. Students have access to community businesses through the college's extensive networking strategies, made available through Suffolk's Job Connection, an online database of employment opportunities accessible on the College's website at www.sunysuffolk.edu/Jobs. Through the career services website, there is a plethora of Web-based career resources at students' fingertips.

Disability Services

Suffolk County Community College provides reasonable accommodations to students with disabilities who have self-identified and been approved by Disability Services. Students diagnosed with physical and/or mental impairments qualify as persons with disabilities when their conditions substantially limit them in one or more major life activities. Reasonable accommodations are adjustments to policies, practices, or procedures that facilitate equal access and opportunity for students with disabilities. Students with disabilities must provide documentation of their disability and requested accommodations to Disability Services.

Under the direction of the College-Wide Assistant Director of Disability Services, counselors are available on each campus (i.e. Disability Services at Ammerman; the Counseling Centers on the Eastern and Grant campuses) to work with students who may need reasonable accommodations, special services and/or auxiliary aides. Examples of accommodations include special testing conditions, use of a tape recorder, sign language interpreters, note-taking services, and adaptive equipment.

The Assistant Director of Disability Services can be reached at (631)-451-4045. Additional information about Disability Services can be found on our website.

The College's Compliance Officer, under 504 legislation and the Americans with Disabilities Act is the Affirmative Action Officer. The Affirmative Action Officer can be reached at (631)-451-4950.

STUDENT LIFE

Office of Campus Activities and Student Leadership Development

The Office of Campus Activities and Student Leadership Development on each campus coordinates a comprehensive program of co-curricular activities which complement the academic programs and enhance the quality of a student's total educational experience.

Students are encouraged to participate in student organizations programs, campus governance and numerous student life programs — all of which serve to develop leadership skills, an awareness of civic responsibility, and social and cultural understanding. Examples include musical and theatrical performances, art exhibits, films, family activities, lectures, workshops, trips and symposia. Residents of Suffolk County are invited to participate, along with students, faculty and staff, in all programs and activities.

Multicultural Affairs

The primary goal of Multicultural Affairs is to foster an atmosphere of pluralism where diversity is respected and celebrated. To accomplish this, Multicultural Affairs offers an exciting array of co-curricular activities that are designed to recognize the unique contributions of the various cultural, ethnic, gender, religious and social groups in our society. All students are encouraged to take full advantage of these activities, which include educational programs, holiday celebrations, workshops, field trips, speakers, cultural displays, student organizations, and more.

Athletics

The athletic program is a vital component of the College's co-curricular offerings. Suffolk County Community College is a member of Region 15 of the National Junior College Athletic Association.

In order to compete in athletics, a student must be enrolled for a minimum of 12 credits. (See Athletic Director for exact details of eligibility.)

The College also offers an intramural program for both men and women which is coordinated by the Director of Athletics, who should be contacted for specific information on the intramural sports offered.

Health Club

The modern fitness center at the Sports and Exhibition Complex on the Grant Campus features a 25-meter 8-lane pool and state-of-the-art fitness equipment with cardiovascular conditioning, strength training and free weight equipment. The Health Club offers free water aerobics and beginner swimming lessons with membership. An outdoor track and eight tennis courts are available for member use, as well as locker rooms, saunas and showers.

Several affordable membership levels exist, including SCCC students, faculty and staff, Suffolk County residents, family memberships, seniors 60 and over, and non-residents. For more information, including hours of operation and membership dues, please contact the SCCC Health Club at 631-851-6900 or check the SCCC website.

Music

The College offers a wide variety of musical activities and events for student participation, including being an active member in a music club, attending music concerts and/or performing in any of eight music groups. These groups are the Symphonic Band, Jazz Ensemble, College Choir, Gospel Choir, Suffolk Singers, Guitar Ensemble, College Chamber Orchestra and the Contemporary Music Ensemble. Some of these performing groups require an audition.

Theatre

Suffolk County Community College offers a comprehensive theatre program which includes musicals, dramas, comedies, classics and dance. Performances are offered on the Ammerman and Grant campuses and occasionally on the Eastern Campus. Students from any campus are encouraged to participate in all phases of production (e.g., scenery, lighting, costumes, acting, etc.).

HEALTH SERVICES

A Health Services Office is maintained at each of the College's three campuses. These offices are staffed by registered nurses who are available to consult with students concerning matters of personal health. The College embraces a philosophy of preventive health practices as a sound approach for the campus community. Thus, a series of educational programs (e.g., AIDS, smoking cessation, alcohol

and drug education, health fairs, weight control, etc.) are presented throughout the year. All accidents and illnesses occurring on campus should be reported to the campus nurse. The college also retains a medical doctor as consultant to the Health Services Office.

The County of Suffolk, its officers, agents and employees assume no liability, expressed or implied, for the result of sickness or accidents involving personal injury to any student, whether in connection with the college instructional program wherever conducted or incidental to other activities on college properties or elsewhere. Filing of an application carries with it approval and consent with respect to the college policy governing accidents or illness as herein set forth.

CHILDREN'S LEARNING CENTERS

Child care services are available on the Ammerman and Grant campuses for children of students, faculty and staff.

The Ammerman Campus facility, located next to the Brookhaven Gymnasium, is open from 7:30 a.m. to 4:00 p.m., Monday through Friday when school is in session. Child care is currently available for children who are infants through five years of age. For more information contact Campus Kids at 631-451-4388.

The Grant Campus facility, located east of the Caumsett Hall parking lot. The center is open from 7:30 a.m. to 4:00 p.m., Monday through Friday when school is in session. Care is provided for infants and toddlers ages eight weeks to five years. For more information call Suffolk Kids' Cottage at 631-851-6517.

The Eastern Campus maintains a list, available in the admissions and Associate Dean of Students offices, of local child care providers.

FOOD SERVICE

Food service is available at each campus during the academic year when classes are in session. Hours of operation are as follows:

AMMERMAN

Babylon Student Center Cafeteria

Monday-Thursday . . . 7:00 a.m.-8:00 p.m.
Friday 7:00 a.m.-2:00 p.m.
Saturday 7:00 a.m.-2:00 p.m.

EASTERN

Peconic Building Cafe

Monday-Thursday . . . 7:30 a.m.-8:00 p.m.
Friday 7:30 a.m.-2:00 p.m.
Saturday 8:30 a.m.-12:30 p.m.

MICHAEL J. GRANT

Captree Commons, Cafeteria

Monday-Thursday . . . 7:00 a.m.-7:00 p.m.
Friday 7:00 a.m.-3:00 p.m.
Saturday 7:00 a.m.-2:00 p.m.
Health, Sports and Education Center, Cafe
Monday-Thursday . . . 7:00 a.m.-7:00 p.m.
Friday 7:00 a.m.-3:00 p.m.
Saturday 7:00 a.m.-2:00 p.m.

BOOKSTORES

Textbooks and supplies can be obtained at the college bookstore which is privately owned and operated by Follett Higher Education Group on all three campuses.

Students are responsible for the purchase of their own textbooks and ordinary stationery supplies. While textbook costs vary, the average cost ranges between \$75 and \$100 per course.

In addition to the hours listed below, the bookstores on all three campuses have extended evening and Saturday hours during the first three weeks of each semester.

AMMERMAN

Babylon Student Center

Monday-Thursday . . . 9:00 a.m.-7:00 p.m.
Friday 9:00 a.m.-3:00 p.m.

EASTERN

Peconic Building, 1st floor

Monday-Thursday . . . 9:00 a.m.-6:15 p.m.
Friday 9:00 a.m.-1:00 p.m.

MICHAEL J. GRANT

Captree Commons

Monday-Thursday . . . 9:00 a.m.-5:30 p.m.
Friday 9:00 a.m.-2:00 p.m.

STUDENT ONLINE SERVICES, STUDENT PORTAL, EMAIL ACCOUNTS

Suffolk County Community College's official Web-based student portal (MySCCC) and student email accounts are an official means of communication to all full- and part-time students enrolled in credit bearing classes. All such students are required to activate their student portal and email accounts. Official College communications may include, but are not limited to, registration information, financial aid information and other financial statements, student health compliance information and academic progress notifications.

The College expects that students shall receive and read their electronic communications on a frequent and timely basis. Failure to do so shall not absolve the student from knowing of and complying with the contents of all

electronic communications, some of which will be time-critical.

SCCC has established policies for the acceptable use of computing resources. These policies can be found on the College website.

Alumna Profile

Indre Caikauskaitė – Class of 2011

Indre Caikauskaitė grew up and attended high school in Lithuania. She came to the United States in 2002 and began attending English as a Second Language classes at Suffolk County Community College while she worked as a waitress. Before she knew it, Indre was a Suffolk student with a keen interest in psychology taking courses toward an associate degree in Liberal Arts.

“I took most of my classes on the Eastern Campus in Riverhead and I have to say I fell in love with Suffolk County Community College! The small classes and the way the professors were always there for us – caring about how we did – really made me want to do more and continue my studies,” she said.

After graduating from Suffolk in 2011, Indre attended Stony Brook University, where she majored in psychology and earned a bachelor’s degree, *summa cum laude*. She will be completing her master’s degree in spring 2014. During her second year at Stony Brook, Indre was recommended by Dr. Anthony Napoli, Professor of Psychology at Suffolk County Community College, for a research assistant position with Dr. Fred Friedberg, Research Associate Professor at the Stony Brook University Medical Center. His treatment specialties are chronic fatigue and chronic pain, behavioral self-management, cognitive-behavior therapy, stress management, relaxation techniques, and eye movement desensitization and reprocessing (EMDR). He is the founder and editor of the new peer review journal: *Fatigue: Biomedicine, Health and Behavior* (Routledge/Taylor and Francis) and lead author of the *2012 ME/CFS Primer for Clinical Practitioners* (Wilshire Press).

During this time, Indre co-authored two research articles: “Scientific status of fatigue and pain. Publishing and professional activities: 2002–2011” (*Fatigue: Biomedicine, Health & Behavior*, 2013) and “Chronic Fatigue Self-Management in Primary Care: A Randomized Trial” (*Psychosomatic Medicine*, September 2013), which was also co-authored by Dr. Anthony Napoli.

Indre aspires to continue research work in the field of Chronic Fatigue Syndrome and other neurological disorders.

She was recently hired as a Senior Research Aide at Stony Brook University Medical Center and expects to apply for a Ph.D. program next year.





Academic and Student Policies

ACADEMIC POLICIES

Prerequisite and Course Registration Policy

All course prerequisite requirements must be met and verified by students at the point of registration. This condition will be considered provisionally satisfied for registration purposes by in-progress courses when it is assumed that these courses will be successfully completed prior to the start of courses requiring the in-progress courses as prerequisites and with the provision that students will be deregistered if these courses are not successfully completed.

Matriculated students who have submitted documentation of prior high school and college experience will automatically be allowed or disallowed registration based on the presence or absence of prerequisite requirements in their histories. Whenever a student's history could include transfer courses or examination scores (such as advanced placement test scores) that would fulfill prerequisite requirements, it is the student's responsibility to ensure that this information is entered into his or her history by requesting a transfer evaluation in advance of the registration period.

Non-matriculated students, or other students who have not submitted documentation of prior high school and college experience, must submit a Prerequisite Waiver Request Form to an academic dean who has been identified by an Executive Dean as having responsibility for reviewing such requests (www.sunysuffolk.edu/forms/PreReq1.pdf). Students seeking prerequisite waivers must verify that they have met prerequisites by submitting

high school or college transcripts, taking and passing proficiency examinations, or providing other documentation that may be deemed relevant, such as, SAT, ACT, and NYS Regents Examination scores.

Non-matriculated students registering for courses online will be directed by the registration website to email or fax Prerequisite Waiver Request Forms and copies of high school and college transcripts and other relevant documentation to an appropriate academic dean. Based on the evidence provided and the course placement guidelines, which are posted on the College-Wide Faculty Advisement Web page, the academic dean will approve or reject the requested prerequisite waiver.

Grading System

Semester grades are available to students on the student portal (MySCCC) at the close of each semester. The instructor's analysis of each student's academic achievement will be in

accordance with the following grading system:

A	90%-100%	C	70%-74%
B+	85%-89%	D+	65%-69%
B	80%-84%	D	60%-64%
C+	75%-79%	F	59% or below

INC INCOMPLETE

Students who are ill or are unable for other valid reasons to complete the semester's work may at the discretion of the instructor receive an INC on their transcript. All work must be completed within the first four weeks of the subsequent semester; otherwise the INC will automatically become an F.

S SATISFACTORY

This grade is given only for developmental courses, which do not satisfy degree requirements: RDG008, RDG009, ENG009, ENG010, ESL011, ESL012, ESL013, ESL014, ESL015, ESL016, ESL017, ESL018, MAT001. S grades are not used in grade point average computations.

SA,SB,SC

These grades are used for MAT006 and MAT007 only, which are developmental courses and do not satisfy degree requirements.

SA = 90%-100%

SB = 80%-89%

SC = 70%-79%

S grades are not used in grade point average computations.

W WITHDRAWAL

A student may withdraw from a course and receive a W any time up to the mid-semester date of that semester or term. After the mid-semester date, the grade awarded shall be at the discretion of the instructor.

U UNSATISFACTORY

This grade is given only for developmental courses, which do not satisfy degree requirements: MAT001, MAT006, MAT007, RDG098, RDG009, ENG009, ENG010, ESL011, ESL012, ESL013, ESL014, ESL015, ESL016, ESL017, ESL018. U grades are not used in grade point average computations.

R REPEAT

This grade is given only for developmental courses, which do not satisfy degree requirements: MAT001, MAT006, MAT007, RDG098, RDG009, ENG009, ENG010, ESL011, ESL012, ESL013, ESL014, ESL015, ESL016, ESL017, ESL018. The R grade indicates the need for a student to reregister for the same course in a subsequent semester, usually because the student, while making progress in that course, has not yet completed all the course requirements. R grades are not used in grade point average computations.

AUD AUDIT

A student wishing to audit a course must register and pay for that course in accord with normal registration procedures. When a student audits a course, a grade of "AUD" will be recorded and no academic credit will be given. An auditor, by definition, is not required to take tests, write term papers or submit homework assignments, but is expected to participate in class to the extent deemed reasonable and necessary by the instructor. A student must inform the instructor at the first class meeting of his or her intention to take the course on an audit basis. Once this intention is stated, the student may not change from audit to credit status. Because some courses may be inappropriate for auditing, students should consult with the appropriate academic administrator before registering.

NOTE: Audited courses are not eligible for financial aid. Seniors: Age 60 or above pay fees and no tuition.

Grade Changes

Students who believe they have received an incorrect grade should first discuss this matter with their instructor. If he or she agrees with the student's request, the instructor will submit a change of grade form to the appropriate Associate Dean of Academic Affairs. All faculty approved requests for grade changes must be made within two years of completion of the course. Changes submitted beyond two years require Executive Dean review.

A student may appeal an instructor's decision not to change a grade through the Grade Grievance Procedure, which must be initiated within one year of the semester in which the student took the course. This four-step procedure, which is outlined in the student handbook, continues, if necessary, through ascending levels of administrative authority. If this grievance is not resolved at the faculty, academic chair, or associate dean levels, the student may present his or her case in writing to the Executive Dean. Within ten calendar days of receipt of the student's written request, the Executive Dean will convene a committee to hear the grievance and to make written recommendations.

Students who have questions about the Grade Grievance Procedure should consult with the appropriate departmental office or dean.

Academic Standing

Students are considered to be in good academic standing unless they have been dismissed from full-time status or their matriculation status has been rescinded.

Grade Point Averages

A system of points is used to assess the quality of each student's work for a semester or more and is computed as a cumulative grade point average. Grades earned by students have a numerical quality value as follows:

Grade	Quality Points Per Credit Hour
A	4.0
B+	3.5
B	3.0
C+	2.5
C	2.0
D+	1.5
D	1.0
F	0

A cumulative grade point average is computed by dividing the total number of quality points received by the number of credit hours earned. For example, a student who has earned 30 credit hours and has received a total of 60 quality points has a cumulative grade point average of 2.0. The following factors must also be taken into consideration:

- When transfer credits are granted for courses completed at another college, no quality points or grades are awarded; hence, such credits do not affect the cumulative grade point average at SCCC.
- A course may be repeated one time. When a course is repeated, the cumulative grade point average is computed using only the second course and credit hours received by the student for that course; the previous grade and credit hours are retained on the transcript but are not computed.

Transcript Review

- Following a **change of curriculum or emphasis**, those courses with grades of D+, D and F that are specific to the old curriculum and not applicable to the new curriculum or applicable only as unrestricted electives, may be excluded in calculating the new cumulative grade point average, although all courses for which a student registers will appear on the transcript. It is the student's responsibility to petition the campus Office of the Associate Dean for Academic Affairs

to have his/her average computed. *A student may have this rule applied to only one change of curriculum or emphasis that occurs within the first 38 credit hours attempted at the College.*

- A student who is **readmitted to SCCC after an absence of two or more consecutive semesters** may, after the end of the first semester, petition the campus Office of the Associate Dean for Academic Affairs for a review of his/her previous SCCC transcript. When the student has successfully completed 12 credits after readmission with a 2.0 average, the transcript will be reviewed and grades of D+, D and F may be eliminated from computation of the grade point average, although all such courses will continue to appear on the transcript. *This readmission review will be permitted only once.*

Note: Once a student has authorized a transcript review as described in a. and b. above, he/she indicates understanding and acceptance of the principle that when courses with D and D+ are excluded from calculation of the grade point average, the excluded courses and credits do not count toward graduation. A transcript review includes ALL grades of D+, D and F. Once implemented, the actions taken pursuant to this policy are not revocable.

Probation

The College may place students on probation subject to dismissal any time they fail to maintain a minimum grade point average or do not complete an appropriate number of attempted credit hours.

Both full-time and part-time students will be placed on probation according to the standards outlined in this section. Students placed on probation do not lose their good academic standing. However, during the next semester they must raise their cumulative grade point average and/or the number of credit hours completed sufficiently to remove themselves from probation.

Full-time students who do not remove themselves from probation in the next semester will lose their full-time status. In addition, if a student's matriculated status is rescinded, they may continue in attendance only as a non-matriculated student, enrolling for fewer than 12 credits.

Part-time students placed on probation are not subject to dismissal. However, if they do not remove themselves from probation in the next semester, their matriculated status will be

rescinded and they may continue in attendance only as a non-matriculated student.

These standards may be waived when such action is deemed to be in the best interest of the student. Full-time students who are dismissed and part-time students whose matriculation is rescinded may appeal as indicated under "Dismissal."

Any full-time student will automatically be placed on probation if he/she fails to meet either grade point average or rate of completion as outlined in the following criteria:

CREDIT HOURS ATTEMPTED	MINIMUM CUMULATIVE GRADE POINT AVERAGE	RATE OF COMPLETION (semester or cumulative)
0-15	1.6	50%
16-30	1.7	50%
31-45	1.8	66%
46 or more	2.0	66%

Any part-time student will automatically be placed on probation if he/she fails to meet either grade point average or rate of completion as outlined in the following criteria:

CREDIT HOURS ATTEMPTED	MINIMUM CUMULATIVE GRADE POINT AVERAGE	RATE OF COMPLETION (semester or cumulative)
12-15	1.6	50%
16-30	1.7	50%
31-45	1.8	66%
46 or more	2.0	66%

A student will remain on probation until such time as subsequent academic performance removes him/her from probationary status. Full-time students on academic probation may not register for more than four courses, not to exceed 14 credits, and are directed to see an academic advisor or counselor early in the next semester. Probation is noted on the student's unofficial transcript.

Dismissal

Any full-time student who is placed on probation for two consecutive semesters will be dismissed from full-time status. Dismissal will be noted on the student's transcript.

Students who are dismissed for an insufficient cumulative average have the right to appeal if they feel an error has been made or other extenuating circumstances exist. Appeal for reinstatement is made in writing to the Executive Dean on the campus the student is attending. Appeals for reinstatement are considered by the

campus Academic Appeals Board, which forwards recommendations to the Executive Dean.

Should the Executive Dean grant the appeal, the student shall be reinstated with probationary status.

A dismissed student may apply to the campus office of Academic Affairs for readmission after one semester. A student thus readmitted will be "in good academic standing" with probationary status.

Part-time students who are placed on academic probation for two consecutive semesters are not subject to dismissal. However, their matriculation status will be rescinded. Such students should carefully review their academic plans with one of the campus counselors in order to improve their chances for success. Part-time students may avail themselves of the above appeal procedure to retain their matriculation.

Absences and Attendance

The College expects that each student will exercise personal responsibility with regard to class attendance. All students are expected to attend every class session of each course for which they are registered. Students are responsible for all that transpires in class whether or not they are in attendance, even if absences are the result of late registration or add/drop activity at the beginning of a term as permitted by college policy. The College defines excessive absence or lateness as more than the equivalent of one week of class meetings during the semester. Excessive absence or lateness may lead to failure in, or removal from, the course.

A student may be required to drop or withdraw from a course when, in the judgment of the instructor, absences have been excessive. A student may also be withdrawn from a course by the Associate Dean of Student Services or the Student Conduct Board following a disciplinary hearing for violating the Student Code of Conduct as described in the student handbook.

Withdrawal

A student may withdraw from a course and receive a W any time up to the mid-semester date of that semester or term. After the mid-semester date, the grade awarded shall be at the discretion of the instructor.

Official withdrawal from the College means that a student voluntarily separates himself or herself from the College by dropping all courses at any time during the academic term. This can only be done by properly notifying the campus Registrar's Office.

If a student drops a course or courses prior to the end of the refund period, the student's academic record will be clear of any courses for which he or she registered.

If a student officially withdraws from the College after the refund period but before the mid-semester date specified in the academic calendar, the student's academic record will show all courses for which he or she registered along with a grade of W for each course. The official withdrawal will be noted on the student's academic record. In addition, withdrawal from a course is considered a non-successful course attempt for purposes of financial aid satisfactory progress requirements. Excessive withdrawals may result in probation or dismissal as defined in the academic probation/ dismissal policy on pages 63-64.

Honor Designations/Societies Dean's List

Outstanding scholastic achievement at Suffolk County Community College is recognized each semester by the compilation of the Dean's List. Students whose semester grade point average is 3.5 or higher, with no incompletes, and who have completed a minimum of 12 credit hours during the semester qualify for the Dean's List. This academic achievement is noted on the student's permanent record.

NOTE: Developmental courses do not qualify because they do not carry credit.

Graduation "With Distinction" and "With Highest Distinction"

Students of the graduating class who have attained at least a 3.5 cumulative grade point average are graduated **"with distinction."** Those students who have attained at least a 3.8 cumulative grade point average are graduated **"with highest distinction."** An academic achievement of "with distinction" or "with highest distinction" is noted on the student's permanent record. Furthermore, students who graduate having completed either the Honors Program **Diploma Sequence** or **Recognition Sequence** have this academic honor noted on their permanent record.

PI ALPHA SIGMA

Pi Alpha Sigma is a college honors designation. Students who have achieved a 3.5 cumulative grade point average, with no incomplete grades, and have completed at least 36 credits at Suffolk County Community College receive this designation. This academic designation is also noted on the student's permanent record.

PHI THETA KAPPA

Phi Theta Kappa, the international honor society for two-year colleges, has chapters on the Ammerman, Eastern and Grant campuses. Each chapter has its own requirements. This organization recognizes and encourages scholarship among community college students. Academic requirements for this organization are available from the office of the campus Director of Campus Activities.

ALPHA BETA GAMMA

Alpha Beta Gamma, the International Business Honor Society of Community, Junior and Technical Colleges, has chapters on each of the three campuses. Each chapter has its own requirements. The society confers distinction for high achievement on students enrolled in the business curricula at accredited two-year colleges. Academic requirements for this organization are available on each campus from the office of the Director of Campus Activities.

CHI ALPHA EPSILON

Chi Alpha Epsilon, the National Honor Society has a local chapter for Ammerman, Eastern and Grant campuses. The society was formed to recognize the academic achievements of students admitted to colleges and universities throughout the country by non-traditional criteria and serves students in the Educational Opportunity Program (EOP), Student Support Services (SSS) and Student Success Programs. Its purposes are to promote continued high academic standards, to foster increased communication among its members, and to honor academic excellence achieved by those students.

Students are eligible for induction into Chi Alpha Epsilon if they are a member of one of the programs listed above and have a grade point average of 3.0 or better after successfully completing a year of college course work.

ALPHA SIGMA LAMBDA

Alpha Sigma Lambda is a national honor society for adult students 25 years of age or older. This organization currently has a chapter on the Eastern Campus and provides an opportunity to recognize the special achievements of adult students who accomplish academic excellence while facing competing interests of family, work, and community. Academic requirements for this organization are available from the Eastern Campus office of the Director of Campus Activities.

Academic Integrity

The College's Student Code of Conduct expressly prohibits "any and all forms of academic or other dishonesty." While this code should be read broadly and does not define such conduct in exhaustive terms, the following conduct clearly falls under the heading of academic dishonesty.

Cheating

Any form of cheating, be it on a formal examination, informal quiz or other submitted material, is a violation of college conduct. Copying material from fellow students or from other sources, including electronic devices, during an examination may result in a failing grade for the course and/or serious disciplinary sanctions as outlined in the Code of Conduct. When students work together on a project, this becomes a joint responsibility for a group so designated and should be limited to the people and resources agreed upon with the instructor.

Plagiarism

Students should realize that presenting the words and ideas of others as their own is dishonest. In writing, students must fully credit the source of any quoted, paraphrased, or summarized passages and any ideas which they have borrowed. Failure to conform to these academic standards is plagiarism and may result in a failing grade for the course and/or serious disciplinary sanctions as outlined in the Code of Conduct.

Change of Degree, Curriculum or Emphasis

When a matriculated student decides to change his/her academic emphasis for the forthcoming semester, he/she must file a "Change of Emphasis" form. The form is to be returned to the campus Registrar's Office.

Students who want to change to a "restricted emphasis" should consult the catalog for admission criteria and submit the "Request for Admission into a Restricted Program" form to the campus Admission Office.

Guidelines for Employment and Credit Limits

While the College recognizes that most students must work at least part-time in order to meet their expenses during the academic year, studies have indicated that students' grades fall off significantly if they must work more than 20 hours per week while taking twelve credits or more in any given semester.

Accordingly, in order to help assure academic success, the College recommends that a full-time student should not work more than 20 hours per week. If personal financial considerations render that unavoidable, then the college recommends that such students register for fewer than 12 credit hours to avoid the conflict between study and work hours that may lead to a less than satisfactory academic performance.

The recommended ratios of credits and hours of work per week are indicated in the table below:

<i>Credits</i>	<i>Maximum hours of work per week</i>
15+	15
12	20
9	25
6	Work full-time

Leave of Absence

Students enrolled in a restricted program with limited seat availability should submit a Leave of Absence form if they are planning to leave SCCC for one or more semesters. While an approved leave does not guarantee a student a seat in the program upon returning, it does maintain the student's date of matriculation and give the student preference ahead of any new students if a seat is available.

Readmission

Students who have previously attended Suffolk County Community College and wish to return for full-time study should contact the Central Admissions Office for additional information at least several weeks prior to the beginning of the expected semester of re-entry. There is no guarantee of readmission to a specific program for a student who has withdrawn or been dropped from that program.

Graduation Requirements

All **candidates for degrees** from Suffolk County Community College must meet the following general requirements. They must:

1. attain a cumulative grade point average of not less than 2.0.
2. attain a grade point average of not less than 2.0 in their major field of study.
3. complete two credits of physical education classes.
4. complete Freshman Seminar (COL101) or equivalent (see below).
5. satisfactorily complete any developmental courses (or course sequences) into which they were placed.

6. complete the 60 or more credits required in their curriculum (exclusive of physical education) as specified in the Curricula section on pages 87-186.
7. complete at least 30 resident credit hours of the required course work offered by Suffolk County Community College (not counting physical education). Resident credits specifically exclude advanced placement, challenge examination, CLEP, portfolio, and all categories of transfer credit.
8. not use extra credits from courses already taken in lieu of any individual course requirement in any curriculum.
9. pay or satisfactorily adjust all college fees and meet all other obligations.
10. file an Application for Graduation online or in the campus Registrar's Office. Application deadlines are December 1 for January graduation, April 1 for June graduation and July 1 for August graduation.

A graduate who wishes to obtain a second degree in a different curriculum must complete a minimum of 30 additional credits, including the special course requirements of the second curriculum, but excluding physical education.

Candidates for the one-year certificate must complete at least 30 credits as specified for their curriculum, including at least 15 resident credit hours of course work offered by SCCC, with a cumulative grade point average of not less than 2.0, both cumulatively and in their major field of study. Resident credits specifically exclude advanced placement, challenge examination, CLEP, portfolio, and all categories of transfer credit.

NOTE: Wide opportunities are available for student advising both through the academic departments and through the Office of Student Services. However, each student is ultimately responsible for selecting courses which satisfy graduation requirements for specific degree and certificate programs.

Freshman Seminar Requirement

Full-time day students in all programs must successfully complete COL101: Freshman Seminar. Students are expected to enroll in this class in their first semester. Alternatively, ART105: Visual Arts Seminar (for students in visual arts curriculum); ART144: Photography Seminar (for students in photographic imaging curriculum); BUS115: College/Workplace Skills Seminar (for students in accounting, business-related and paralegal curricula); COL105: Personal Growth and College Life;

COL111: Adult Learner College Seminar; COL125: College Success Seminar; COL141: EOP-Freshman Seminar (for students in EOP program); CUL101: Culinary Freshman Seminar (for students in culinary arts curriculum); GRD105: Digital Design Freshman Seminar (for students in computer art and graphic design curriculums); HRM115: Hospitality Freshman Seminar (for students in hotel and resort management curriculum); INT115: Interior Design Careers Seminar (for students in interior design curriculum); LIB101: Research Essentials: The Library and the Internet; LIB103: Library Research Methods; MUS115: Freshman Seminar for Music Majors (for students in music curriculum); THR100: First Year Seminar for Theatre Arts (for students in theatre arts curriculum); or WST112: Women's Seminar may be used to satisfy this requirement. Freshman Seminar (COL101) may be waived for students who complete 12 credit hours of transferable college-level work on a college campus prior to enrolling at SCCC. Students who complete at least half of their work as part-time students or full-time evening students are not required to take COL101.

Substitution/Waiver of Degree Requirements

On a limited basis, students may submit substitution/waiver forms to the appropriate academic chair for their review and approval. Requests that affect the core general education requirements are reviewed and approved by the Associate Vice President of Academic Affairs. Requests for substitutions will be evaluated on the basis of the equivalence of the proposed substitution to the curriculum requirement.

The necessary forms for requesting a waiver or substitution of a course to meet degree requirements can be obtained from the campus academic departments and/or the Office of the Associate Dean for Academic Affairs.

STUDENT POLICIES

Electronic Devices

Students' use of cell phones, computers and other electronic devices during classes may be regulated according to course policies established by individual instructors. Misuse of such devices may subject students to provisions of the Student Code of Conduct relating to disruptive classroom behavior. Unsanctioned use of such devices may carry serious penalties, including but not limited to course failure or

dismissal from the College. Exceptions may apply to students with documented disabilities who may need to use a device as an approved accommodation.

Student Identification Card

All students are required to obtain a student photo identification card prior to the first day of classes and to carry the card with them whenever on college premises. The ID card enhances campus safety and security, serves as a library card, is used to access campus computer center services, is required to conduct business in the Registrar's Office and other student services. ID cards are issued throughout the semester and during new student orientation. Failure to obtain or produce an ID card can result in student conduct action, a \$25 fine and/or loss of registration privileges for subsequent semesters. Replacement cards are available at a cost of \$12.

Student Code of Conduct and Student Judicial Process

In order to promote a safe and pleasant learning environment and protect the rights of all members of the college community, Suffolk County Community College has developed a Student Code of Conduct and Student Judicial Process which is available in the Associate Dean of Student Services Office on each campus or on the college's Web site at www3.sunysuffolk.edu/dept_docs/Student_Affairs/Policies_9.pdf.

Examples of some of the behaviors prohibited by the Code of Conduct include, but are not limited to, academic dishonesty, causing or threatening physical harm, the consumption or possession of drugs or alcoholic beverages, destruction of college property or equipment, theft, failure to comply with the directions of college officials, engaging in disruptive behavior, and the unauthorized use of college computer equipment.

Once a complaint has been made to the Associate Dean of Student Services, the situation may either be handled on an informal basis or, when appropriate, a formal disciplinary hearing may be scheduled. Students found in violation of the Code of Conduct may be given one of the following sanctions: expulsion, suspension, probation with loss of privileges, probation without loss of privileges, warning, restitution, or other sanctions as deemed appropriate.

Students are encouraged to familiarize themselves with the complete list of prohibited behavior and the disciplinary procedures

which have been established to protect the rights of both the student and the educational community.

Information Technology Policies and Guidelines

The Student Code of Conduct prohibits certain behavior related to the use of the college's technology resources and requires compliance with college policies. The full text of this policy can be obtained from the Associate Dean of Student Services office on each campus, or you can locate it on the College's website at dephome.sunysuffolk.edu/LegalAffairs/Docs/BOTPolicies/InfoTechPolicyStudents.pdf.

The policy obligates users to respect the rights of others, avoid uses that burden system resources or introduce viruses, and protect the secrecy of passwords. Users are also prohibited from engaging in a variety of listed activities. The policy includes provisions on privacy rights, monitoring of use and sanctions for violations. All users are responsible for knowing the college policy and are deemed to have accepted the restrictions by utilizing the technology resources.

Medical Leave

Matriculated students who are unable to attend classes for an extended period of time due to a documented illness, injury, or medical or psychological condition may request a Medical Leave from the office of the Associate Dean of Student Services. Note that being granted a Medical Leave during a semester may negatively impact a student's grades or financial aid and may reduce or eliminate entitlement to any tuition refund. Additional information is available from the office of the Associate Dean of Student Services.

Involuntary Medical Suspension

A student will be subject to an involuntary medical suspension if the Student Services Medical Suspension Panel concludes that the student is suffering from a physical, emotional or psychological condition and, as a result of this condition, engages or threatens to engage in behavior which:

1. poses an imminent danger or threat of causing physical harm to others, or
2. substantially impedes the lawful activities of other members of the campus community or the educational processes, activities or functions of the College or its personnel.

Note that students who are suspended through the Involuntary Medical Suspension procedure are subject to the normal refund policy of the College (see page 38).

Prohibition on Smoking

The College has been declared a smoke-free environment and this policy shall be strictly enforced in all college buildings and vehicles. Smoking is prohibited in individual offices, classrooms, corridors, lobbies, bookstores, cafeterias, lounges, lavatories and any other indoor space. In addition, both Suffolk County law and college policy prohibit smoking within 50 feet of all building entrances and exits. Given the dangers that studies have revealed about secondhand (as well as firsthand) smoke, compliance with this policy should be a priority of conscience. Everyone's cooperation is respectfully requested for the health and comfort of all.

Sexual Harassment

Suffolk County Community College does not condone sexual harassment of students or employees. Sexually harassing conduct violates college policy and state and federal law.

Students may obtain a copy of the College's policy against sexual harassment and the procedure for resolving student complaints of sexual harassment at the Office of Student Services on each campus. Student complaints of sexual harassment should be brought to the Office of Student Services at the campus where the harassing conduct occurred. Complaints will be dealt with as expeditiously as possible and with the highest level of confidentiality.

Department of Public and Fire Safety

The Public Safety Department's mission is to serve and protect the college community and help maintain a safe environment on our campuses. The department is committed to the educational process and the overall well-being of all individuals interacting with the College.

Public Safety provides security oversight 24/7 and has responsibility for emergency management including fire and medical response. The actions of all students, college personnel and visitors are governed by the College code of conduct and NYS laws. The code of conduct is available on the College website. All new students will be asked to join SUNY Alert to receive emergency notices via cell or home phones.

As required by the US Department of Education, the Annual Security Report is available

on the College website under Public Safety. Paper copies are available by request at 631-451-4584.

Emergency telephones directly linked to Public Safety are located on each floor, hallway and elevator of every building on campus – dial 311 for immediate assistance. Additional emergency telephones, identified by a blue light, are strategically located across campus, in parking lots and walkways. 911 is always available.

Public Safety encourages the reporting of all criminal, medical or unusual incidents, no matter how minor they may seem. All incidents and situations are considered important and may lead to resolving other developing situations. Tips to keep you safe are available on the Public Safety website under Crime Prevention.

Public Safety has offices at the following locations:

Ammerman: Annex Building, 451-4221

Eastern: Peconic Building, 548-3630

Grant: North Cottage, 851-6889

Parking and Traffic policies and vehicle registrations have links from our Public Safety webpage. All emergencies dial 311 from a campus phone or 631-451-4242 from a cell.

Traffic and Parking Regulations

All motor vehicles on campus, including motorcycles, must be registered with the College. Vehicles may be registered online through the student and faculty/staff portals.

Only areas designated and marked for parking are legal parking areas. It is the driver's responsibility to find an approved parking space. The College is under no obligation to mark all areas where parking is prohibited. An approved space is designated by parallel lines:

WHITE for students

RED for faculty, staff and administrators

BLUE for handicapped

FIRE ZONES AND LANES ARE DESIGNATED BY YELLOW MARKINGS. NO PARKING IS ALLOWED IN FIRE ZONES AT ANY TIME.

Campus Public Safety officers are authorized to enforce these and other rules and regulations and to present violations. Students must carry their I.D. card at all times and present it to Public Safety officers on request.

NOTES: (1) All handicap passes must be current and registered to the student, faculty, or staff; (2) Any student who accumulates \$25.00 or more in unpaid traffic fines may be blocked from all registration activity at the college.

PUBLIC NOTICES REGARDING STUDENT-RELATED POLICIES

MANDATORY STUDENT IMMUNIZATIONS: MEASLES, MUMPS AND RUBELLA/MENINGITIS

In accordance with New York State Public Health Law, Section 2165, all matriculated students attending Suffolk County Community College who were born on or after January 1, 1957, must provide acceptable written proof of adequate immunization against measles, mumps, and rubella in accordance with standards approved by the New York State Department of Health.

Acceptable proof of immunity consists of a Certificate of Immunization signed and stamped by a physician or licensed health care provider which documents measles, mumps, and rubella immunity. Students must submit this certificate or equivalent to the Health Services Offices on their home campus and document at least partial compliance with the immunization requirements before they will be permitted to register for classes. Partial compliance shall be defined as one dose of measles, mumps, and rubella immunization.

In addition, proof of an honorable discharge from the armed services within 10 years prior to the date of application to Suffolk County Community College shall also qualify as a certificate enabling a student to attend classes pending actual receipt of immunization records from the armed services.

Students who are in partial compliance will be notified by the Associate Vice President of Student Affairs that they will be suspended from their classes if they do not fully comply with the immunization requirements within the first 30 days of the semester (45 days for students transferring from another state or county). Students who are suspended and who subsequently fail to comply with the immunization requirements will be administratively withdrawn from their classes and prevented from registering for subsequent semesters.

Immunization records shall be maintained on each campus at the Health Services Office, which shall consider such information as confidential and subject to the College Records Policy. The Associate Vice President of Student Affairs shall be responsible for the completion and timely submission to the Commissioner of Health of the annual survey of immunization levels of students attending Suffolk County Community College.

Students who cannot afford a private physician will be directed to the County Health Department for information regarding free immunizations. Persons may be exempt from any or all of these requirements if a physician certifies in writing that the immunizations may be detrimental to their health. In addition, persons who hold genuine and sincere religious beliefs which are contrary to immunization may be exempt after submitting a statement to that effect to the Associate Dean of Student Services on their home campus.

Students who are registered solely for online courses that do not require any campus presence are exempt from these requirements.

Should a suspected case of measles, mumps, or rubella occur on a campus, the office of the Associate Vice President of Student Affairs will evaluate the case in conjunction with the County Health Department and the Health Services Office and consulting physician. While awaiting serological confirmation, immunization records will be reviewed and susceptible individuals identified. If the suspected case is confirmed, the office of the Associate Vice President of Student Affairs will notify all susceptible students and staff to be immunized. Susceptible students who are unable to be immunized may be required to remain off-campus until the Health Department deems it safe for such individuals to return.

This Mandatory Student Immunization Policy will be included in the College Catalog and the campus Student Handbooks.

Required Acknowledgement of Meningitis Information: In accordance with New York State Public Health Law 2167, all students enrolled at Suffolk County Community College, both matriculated and non-matriculated, are required to acknowledge that they have received information about meningococcal disease and vaccination. In addition, such students are required to indicate that they either have received the appropriate vaccination within the past 10 years or have decided not to obtain immunization against the disease. Students who fail to submit the required acknowledgement will be blocked from registration activity and subject to withdrawal.

The Suffolk County Community College Catalog is not intended to be a legal contract between the College and any person or entity and is published for informational purposes only. The Catalog was prepared on the basis of the best information available at the time of publication and every effort has been made to ensure the accuracy of its content. However, the College reserves the right to change its policies, rules, regulations, requirements for graduation, course offerings, and any other content in this Catalog at any time. Students should always consult with their college advisors to confirm current requirements for each program of study.

PUBLIC NOTICES REGARDING STUDENT-RELATED POLICIES

ANNUAL NOTICE OF STUDENT PRIVACY RIGHTS

Suffolk County Community College informs students of the Family Educational Rights and Privacy Act of 1974, as amended, in the College Catalog, as well as in the schedule of classes, the Student Handbook and on the College's website. This Act, with which the College intends to comply fully, was designated to protect the privacy of education records and to provide guidelines for the correction of inaccurate or misleading data through informal hearings. Students also have the right to file complaints with the Family Educational Rights and Privacy Act Office (FERPA) concerning alleged failures by the College to comply with the Act.

Local policy explains in detail the procedures to

be used by the institution for compliance with the provisions of the Act. Copies of the college's Records Policy may be found in the following offices: Campus Registrar and Associate Dean of Student Services on the Ammerman, Eastern and Grant campuses, as well as the offices of the College Registrar, Associate Vice President for Student Affairs and the Office of Legal Affairs in the Norman F. Lechtrecker Building on the Ammerman Campus.

Questions concerning the Family Educational Rights and Privacy Act may be referred to the Associate Dean of Student Services on each campus or the College Registrar or Associate Vice President for Student Affairs in the Norman F. Lechtrecker Building on the Ammerman Campus.

CLASS ATTENDANCE—RELIGIOUS HOLIDAYS SECTION 224-A EDUCATION LAW

1. No person shall be expelled from or be refused admission as a student to an institution of higher education for the reason that he or she is unable, because of religious beliefs, to register for or attend classes or to participate in any examination, study, or work requirements on a particular day or days.
2. Any student in an institution of higher education who is unable, because of his or her religious beliefs, to attend classes on a particular day or days shall, because of such absence on the particular day or days, be excused from any examination or any study or work requirements.
3. It shall be the responsibility of the faculty and of the administrative officials of each institution of higher education to make available to each student who is absent from school because of religious beliefs an equivalent opportunity to register for classes or to make up any examination, study, or work requirements which he or she may have missed because of such absence on any particular day or days. No fees of any kind shall be charged by the institution for making available to the said student such equivalent opportunity.
4. If registration, classes, examinations, study, or work requirements are held on Fridays after four o'clock post meridiem or on Saturday, similar or makeup classes, examinations, study, work requirements or opportunity to register shall be made available on other days, where it is possible and practicable to do so. No special fees shall be charged to the student for these classes, examinations, study, work requirements or registration held on other days.
5. In effectuating the provisions of this section, it shall be the duty of the faculty and the administrative officials of each institution of higher education to exercise the fullest measure of good faith. No adverse or prejudicial effects shall result to any student because of availing himself or herself of the provisions of this section.
6. Any student, who is aggrieved by the alleged failure of the faculty or administrative officials to comply in good faith with the provisions of this section, shall be entitled to maintain an action or proceeding in the supreme court of the county in which such institution of higher education is located for the enforcement of rights under this section.
- 6-a A copy of this section shall be published by each institution of higher education in the catalog of such institution containing the list of available courses.
7. As used in this section, the term "institution of higher education" shall mean any institution of higher education, recognized and approved by the Regents of the University of the State of New York, which provides a course of study leading to the granting of a post-secondary degree or diploma.

CAMPUS CRIME STATISTICS

Suffolk County Community College hereby informs students that information on campus crime statistics, safety awareness, crime prevention, sexual assault, alcohol and drug education, and sexual harassment is available on the College's website at <http://www.sunysuffolk.edu/safety>. Crime statistics for

SCCC, as well as other colleges throughout the United States, are also available on the U.S. Department of Education website at <http://ope.ed.gov/security/index.asp>. For additional information, contact the College's Director of Public Safety at 631-451-4212.

PUBLIC NOTICES REGARDING STUDENT-RELATED POLICIES

DIRECTORY INFORMATION

Suffolk County Community College hereby designates the following items of student information as public or "Directory Information." This does not mean, however, that the college will indiscriminately release such information about students. Requests for Directory Information on all SCCC students or categories of students will generally not be honored. Release will generally be restricted to information on individual students only and each request will be considered on an individual basis by the Associate Vice President of Student Affairs, the College Registrar or the campus Associate Dean of Student Services.

Name	Major Field of Study
Date of Birth	Dates and Status of Enrollment
Address	Degrees and Awards Received
Telephone Number	Prior Schools Attended
Photographs	
Past and Present Participation in Officially Recognized Sports and Activities	
Height and Weight of Athletic Team Members	

Currently enrolled students may withhold disclosure of this information under the Family Educational Rights and Privacy Act of 1974, as amended. To withhold disclosure, written notification must be received in the Registrar's Office at the student's home campus.

Suffolk County Community College assumes that failure on the part of any student to specifically request the withholding of "Directory Information" indicates individual approval for disclosure.



Alumnus Profile

Keith Dinielli – Class of 1990

Mr. Keith Dinielli received his associate degree in Radio and Television Production from Suffolk County Community College in 1990. He then went on to receive a bachelor's degree from The University of Southern California's School of Cinematic Arts in 1996.

The summer after he received his degree, he returned to Long Island where he co-wrote, produced and directed the feature film, *Changeover*, shot on location in Riverhead. The low budget production utilized Suffolk students in front of and behind the cameras, as well as a voice-over cameo by Suffolk professor, Alan Bernstein. The film premiered at Theatre Three in Port Jefferson in 1998.

Upon returning to California, he landed production assistant work on several TV shows before a long stint in feature film development, where he worked

on the *Fast And Furious* franchise, *SWAT*, *Vantage Point* and *Click*. He also continued to write and direct his own films.

In 2010, Keith took a producer position on a reality show called *Your Own Show* for the fledgling Oprah Winfrey Network, which eventually led to his joining *The Voice* in 2011. In 2013, Keith won an Emmy as one of the producers for *The Voice* in the Best Competition Reality Series category.

"I can credit the success I have had to hard work, perseverance and to the sound advice I received from my Suffolk County Community College professor, Alan Bernstein," said Keith. "One of many lessons I remember from Professor Bernstein was to learn how to work with people. At the end of the day, you are all in it together and you have to make it work or the production will suffer. That was a life changing piece of advice that I practice to this day."



Special Academic Programs

HONORS PROGRAM

The Honors Program offers interdisciplinary learning opportunities for academically talented and highly motivated students. It is grounded in the traditions of the liberal arts and stresses the connections among various disciplines and the tools of artistic and intellectual creativity.

To be considered for admission to the Honors Program, students must submit the following materials:

1. An Honors Program application, which is separate from and in addition to the application for admission to the College. To request an Honors Program application please call:
 - Ammerman Campus, 631-451-4391
 - Eastern Campus, 631-548-3531
 - Grant Campus, 631-851-6833
2. A letter of recommendation from a person familiar with the applicant's academic performance or potential. In particular the letter should address the candidate's verbal skills, intellectual ability and academic motivation.
3. A 500-word essay written in connection with a course or especially for the purpose of the honors application. The essay should demonstrate the applicant's writing proficiency and ability to present substantive material in a logical and coherent manner.
4. A copy of the student's high school and any previous college transcript(s) and ACT or SAT scores.

5. New and continuing students may apply for admission to the Honors Program. Part-time and full-time students in all curricula are welcome to apply.

6. The following are minimum requirements for admission to the Honors Program:

For entering students:

- B+ average in high school
- composite SAT score of 1650 or ACT Score of 24

For students already enrolled at SCCC:

- 3.3 cumulative grade point average
- grade of B+ or better in ENG101

Requirement for an Honors Degree:

To receive an Honors degree, students must have completed a minimum of 22 credits of Honors course work and maintained a minimum 3.3 grade point average. Students must meet with an Honors advisor to select their courses and show a course distribution throughout the liberal arts. At least one class must be in an Honors level math or science.

Requirements for Honors Recognition:

For those students unable to take the number of courses required for an Honors degree, there is the option of Honors Recognition. Students accepted for this option must meet with

an Honors advisor and complete a minimum of 12 Honors credits with an overall 3.3 grade point average. Students admitted for Honors Recognition receive the full array of Honors services and are invited to the annual Honors Convocation.

Students must maintain a 3.3 GPA to remain in the Honors Program.

STUDY ABROAD PROGRAM

"...the greatest power of educational exchange is the power to convert nations into peoples and to translate ideologies into human aspirations."
Senator J. William Fullbright

The Study Abroad program at SCCC offers students the opportunity to expand and enrich their educational experience by traveling and studying at locations around the world. Students receive academic credit while developing an understanding of different peoples and cultures.

For further information, contact the Office of General Education at 631-451-4440.

ACADEMIC PARTNERSHIPS WITH BUSINESS AND INDUSTRY

Recognizing the number of internationally and nationally known high technology firms that reside in Suffolk County, the Corporate Training Center at Suffolk County Community College is viewed as a Center for workforce development and innovation and an educational resource for these firms. Suffolk County Community College has worked diligently to establish academic partnerships with a number of these major corporations to provide exciting educational opportunities for students and incumbent workers by providing enriching certificate and degree curricula. For example, partnering with industry in the area of Advanced Manufacturing has led to the development of innovative workforce programs for both incumbent and displaced workers, providing local businesses with a qualified workforce to ensure their continued strength in the region. Expansion of the program has resulted in a two year degree program focused on Advanced Manufacturing.

AUTOMOTIVE TECHNOLOGY

Automotive service technicians' responsibilities have advanced from simple mechanical repairs to high-level technology-related work. Integrated electronic systems and complex computers monitor and regulate vehicles and their performance while on the road. In-

creasingly, the sophistication of automobiles requires that technicians are competent in the use of computerized shop equipment, electronic components, and diagnostic equipment while maintaining their hands-on skills. Today's technicians must have a broad knowledge of how a vehicle's complex components work and interact.

Automotive work is quickly growing in complexity, and employers are looking for workers who have completed a formal training program such as Suffolk Community College's Automotive Service Specialist Program. Partnerships with General Motors, Toyota and Honda also prepare students to adapt to this ever changing technology. Our National Automotive Technical Education Foundation (NATEF) certification ensures that Suffolk's Automotive Service Specialist Program is up to today's industry standards.

Students interested in pursuing a career in the automotive industry have several program options available at Suffolk County Community College:

General Motors Automotive Service Educational Program (GM-ASEP)/AC-DELCO: This 2-year A.A.S. degree program is designed specifically for students interning in a GM or AC DELCO based service/parts operation.

Toyota Technical Education Network (T-TEN): This 2-year A.A.S. degree program is designed specifically for students interning at a Toyota or Lexus service/parts operation.

Honda Professional Automotive Career Training (PACT): This 2-year A.A.S. degree program is designed specifically for students interning in a Honda or Acura based service/parts operation.

General Automotive Program (ATAC): This 2-year A.A.S. degree program trains students to work with any dealership, franchise or independent automotive shop.

CISCO ACADEMY TRAINING

As a Cisco Network Academy, Suffolk provides the Cisco Certified Network Associate (CCNA) training outlined in the Cisco website at cisco.netacad.net/public/academy.

The course sequence, which covers Cisco CCNA Routing and Switching in a lecture and hands-on lab format, promotes development of network administrator skills that underpin successful careers. Hands-on projects/labs are performed in a high-end networking lab.

Students resolve technical networking issues and successfully address network design/

implementation. This training prepares the student to take the CCNA certification exam.

Contact the Department of Engineering/Industrial Technology at the Ammerman Campus for full details of this course sequence.

OIL HEAT COMFORT CORPORATION: HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION

Identified as a profession offering significant income potential in the Long Island region, SCCC's collaboration with Oil Heat Comfort Corporation (OHCC) of Hauppauge led to the development of two degree options that respond to the need for trained service personnel to deliver quality repair and maintenance service to residential users of oil heat: a 2-year Associate in Applied Science and a 1-year Certificate.

Both SCCC and OHCC recognize that heat must be provided in environmentally acceptable ways and that energy conservation can be advanced by proper training. The curriculum was established to address these concerns, and also provides for continuing education courses to upgrade job skills for air conditioning and gas heat technicians. See pages 77-77 of this catalog for more information.

U.S. DEPARTMENT OF ENERGY: OFFICE OF SCIENCE EDUCATION OPPORTUNITIES

bnl.gov/education/students.asp

Community College Institute at Brookhaven National Laboratory (CCI at BNL): This technical internship allows students to participate in one of BNL's ongoing scientific and technical projects involving cutting-edge research or technology development, directed by a BNL staff member. Students will have the opportunity to present their scientific or technical results both verbally and in writing, and may appear as a contributor to a scientific journal article or BNL report. Collegiate Science and Technology Entry Program (CSTEP) students and NSF-STEM scholarship recipients are eligible to apply.

Science Undergraduate Laboratory Internship (SULI): This internship provides an opportunity for undergraduate students to work with a scientist at Brookhaven National Laboratory (BNL) or at one of the other national Department of Energy laboratories.

Selected participants will be associated with members of the national laboratory scientific and professional staff in an educational training program developed to give research experience

in areas of chemistry, physics, engineering, biology, nuclear medicine, applied mathematics, high- and low-energy particle accelerators, and science writing.

Suffolk County Community College encourages students interested in computer science, mathematics and the sciences to contact the department administrators for more information about these excellent opportunities. Collegiate Science and Technology Entry Program (CSTEP) students and NSF-STEM scholarship recipients are eligible to apply.

EXPERIENTIAL EDUCATION

Students have the opportunity to incorporate classroom and applied learning into their degree programs through a variety of methods. Experiential education includes supervised field study, practicum assignments, clinical experience, and the Cooperative Education and Internship Program. Through experiential course offerings students can explore a career and prepare for future employment or advanced studies. For a list of experiential course opportunities, see page 78.

COOPERATIVE EDUCATION AND INTERNSHIPS

Cooperative Education and Internships is a credit bearing program that offers supervised, on-the-job training directly related to the student's academic major and/or career interest. Enrolled students integrate classroom theory with practical work experience. The work experience and career planning activities are supported by faculty through attendance at a weekly or online seminar. This firsthand insight is combined with the seminar to promote and enrich the academic experience. Students assess their interests, strengths, and skills, learn about career decision making, job search skills as well as the expectations at the workplace.

Cooperative and Intern courses have entrance requirements that vary based on the academic department. Enrollment is limited. All interested students are encouraged to contact their academic department or campus career office and they will be assisted or referred as appropriate. In programs where internship or cooperative education is required to complete the curriculum, it is recommended that students begin the application process the semester prior to registering.

Students are encouraged to check the college website for details and contact information. Additional information can also be obtained

EXPERIENTIAL EDUCATION COURSES

COURSE	TITLE	CREDITS	CAMPUS	COURSE	TITLE	CREDITS	CAMPUS
AUT120-250	Automotive Practicum I-IV	1	A each semester	HUS201	Human Services Seminar and Field Practicum I	5	A
BUS150	Cooperative Education in Business	3	A E G	HUS211	Human Services Seminar and Field Practicum II	6	A
CDC255	Field Practicum in Chemical Dependency Counseling	7	G	HVA260	HVAC/R Internship	3	G
CRJ215	Criminal Justice Internship	3	A E	IND140	Interdisciplinary Cooperative Education and Internships	3	A
CST288	Cooperative Education/Internships for Information Technology	3	A E G	INT230	Cooperative Education and Internships in Interior Design	3	E
CUL240	Culinary Arts Internship/Cooperative Education	4	E	LAW213	Paralegal Internship	3	A G
DTE213	Food Service Management Fieldwork	5	E	OTA211	Clinical Practice I	6	G
ENG175	Journalism Practicum	3	A E G	OTA212	Clinical Practice II	6	G
HIT238	Directed Clinical Practice	3	G	POL151	Public Service Internship	3-4	A G
HUM130	Career Internships: Equity, Choices and Professionalism in the Workplace	3	A E	PTA236	Clinical Affiliation I	3	A
				PTA242	Clinical Affiliation II	7	A
				RTV250	Internship in Video and Sound	4	A
				VST203	Animal Clinic Internship I	3	G
				VST213	Animal Clinic Internship II	3	G

by emailing Internships@sunysuffolk.edu or by contacting Career Services and Cooperative Education Office at Ammerman Campus, 451-4049, Career and Transfer Center at Grant Campus, 851-6876, and Student Success Center at Eastern Campus, 548-2579.

NATIONAL SCIENCE FOUNDATION STEM SCHOLARSHIP PROGRAM (NSF-STEM)

The NSF STEM scholarship program at Suffolk County Community College provides a unique, enriched, educational environment for those students in the targeted majors who are enrolled in a degree program of the following disciplines:

- Biological Sciences (except medicine and other clinical fields);
- Physical Sciences, including chemistry, physics, astronomy, geology, geosciences, and material sciences;
- Mathematical Sciences;
- Computer and Information Sciences;
- Engineering;

- Technology areas associated with the preceding fields (for example, biotechnology, chemical technology, engineering technology, information technology).

Those students accepted into the program will be provided with academic support services to enhance their college experience and increase their likelihood of success. SCCC proposes to fund at least 30 NSF-STEM scholars annually.

The website for information and application: www.sunysuffolk.edu/STEM.

SCIENCE AND TECHNOLOGY ENTRY PROGRAM (STEP)

The Science and Technology Entry Program (STEP) at Suffolk County Community College is offered to students in 7th through 12th grades in selected school districts. STEP is designed to motivate and prepare economically disadvantaged and underrepresented minority students for careers in science, technology and mathematics-related disciplines, along with licensed professions such as nursing and accountancy. Academic activities that encourage

critical thinking, along with intensive instruction in mathematics, science and computer science, are teamed with support services such as counseling and tutoring. In addition, internships and job shadowing opportunities are included. This combination provides a nurturing environment which builds self-esteem as it prepares minority and disadvantaged students for entry into a technical curriculum.

During the academic year, SCCC provides career awareness, skill development, and real-world mathematics, science and technology applications to participating students in twelve Saturday enrichment classes. Summer activities include a campus tour and program orientation. Support services include parental involvement, local school advisors, peer counseling, leadership training and a mentoring program.

COLLEGIATE SCIENCE AND TECHNOLOGY ENTRY PROGRAM (CSTEP)

Suffolk County Community College's Collegiate Science and Technology Entry Program (CSTEP) project provides academic support services to underrepresented and economically disadvantaged students pursuing careers in mathematics, science, technology and health-related fields.

The program is open to any student with at least a 2.8 GPA (or a high school average of at least 80) who is majoring in a field related to mathematics, science, health, computer science or engineering. Those pursuing careers in licensed professions such as mathematics or science teaching, law, social work and psychology are also eligible. Students must also meet the New York State Education Department criteria:

- underrepresented or economically disadvantaged, and
- matriculated and taking at least 12 credits each semester.

Major program components include:

- tutoring for all courses;
- advising;
- career-related field trips and seminars;
- job shadowing and interning experiences at Brookhaven National Laboratory, Stony Brook University and with STEP; and
- transition programs for graduates continuing their education at four-year institutions.

In addition, SCCC partners with Brookhaven National Laboratory, SUNY College at

Old Westbury and SUNY at Stony Brook to provide research and networking opportunities to CSTEP students. Brookhaven National Laboratory provides tours, talks/seminars, job shadowing and summer internships for select CSTEP students. SUNY College at Old Westbury provides a network and conferences for students pursuing careers with a focus on math/science education and social sciences. Stony Brook University provides a network for students pursuing careers with a focus on medicine, science, engineering and social science.

LIBERTY PARTNERSHIPS PROGRAM (LPP) FOR SECONDARY STUDENTS

The Liberty Partnerships Program (LPP) at Suffolk County Community College represents a cooperative effort between the college, the Longwood Central School District, governmental agencies and business and industry to provide a unique, comprehensive and supportive environment for students who may be at risk of dropping out of school. Its purpose is to serve those students who may not be reaching their academic potential by providing academic services that will improve their ability to complete high school and successfully enter postsecondary education or the workforce.

LPP motivates students through positive academic, team building, cultural and counseling experiences. Admission criteria include poor academic performance, poor attendance, negative peer pressure and limited English proficiency. Academic support activities offered at the local school level include initial and ongoing assessment, tutoring, SAT preparation classes, Regents review sessions, and college preparatory course work. Leadership activities, team building opportunities, small group counseling, cultural activities and visits to business, industry and local colleges provide additional motivation vehicles.

LPP students who are juniors and seniors are also eligible to enroll in a two-semester program that leads successful students to 1.5 college credits upon completion. This offering contains a one-semester non-credit course that focuses on reading, writing, study skills, critical thinking and computer skills. The second semester course exposes students to topics of interest to college students and enhances their basic research skills. Additional credit-bearing courses are offered to students who successfully complete this sequence.

BIOPREP FOR CURRENTLY ENROLLED SCCC STUDENTS

BioPREP (Biology Participation in Research and Education Program) is a highly prestigious and very competitive program developed by the National Institute of Health to encourage underrepresented students at two-year institutions who want to transfer to four-year schools and prepare for careers in the biological sciences. At SCCC, the BioPREP program involves a full scholarship for those qualifying students who wish to participate in Stony Brook BioPREP's summer program, a 6-week summer residential program where they work and study molecular and cellular biology. For further information, contact Dr. Rosa Gambier at the Biology Department, Ammerman Campus. Application deadline is March 1.

MINORITY ACHIEVERS SCHOLARSHIP PROGRAM (MASP)

The Minority Achievers Scholarship Program (MASP), co-sponsored by the New York State Office of Equality and Access and Suffolk County Community College, recognizes and provides full and partial scholarships to eligible students who maintain a high grade point average.

The purpose of the Minority Achievers Scholarship Program is to:

- attract high-achieving underrepresented minorities
- retain high-achieving underrepresented minorities
- prepare motivated students to become high achievers, with a long-term goal of becoming an honor student at SCCC or entering a four-year institution as a minority achiever and a recipient of an Empire State Scholarship for two additional years.

Underrepresented minorities as defined by the State University of New York are African-American, Hispanic and Native American.

ACADEMIC HIGH SCHOOL PARTNERSHIPS

...Linking the High School to College Experience, Giving You a Head Start on Your College Career

The Excelsior Program

Suffolk County Community College's Excelsior Program provides high school students the opportunity to earn college credits while

simultaneously working toward high school graduation. Qualified juniors and seniors take SCCC college courses at their high school campus during regular school hours, and they receive an official college transcript for credits earned. Excelsior Program students may apply these courses towards a SCCC degree, or may request transfer of credits completed with a grade of C or better to other colleges and universities. (Acceptance of credits for college-level courses is determined by the receiving college or university.) Excelsior Program courses are above New York State Regents level; students will experience, firsthand, the rigors of college-level expectations. They can also enhance their college admissions profile, as well as get an advanced start towards completion of general education requirements, with more time for special opportunities, such as internships, dual majors/minors, and study abroad.

While Excelsior Program courses are equivalent to SCCC campus-based courses, with faculty certified to teach at the college level, these courses are offered at a special affordable tuition, with no additional fees, and participating students are eligible to use the resources of the college library. Collaboration between the high school faculty and college professors from each department eases the transition from high school to college classes, while also ensuring that students are well prepared for the rigorous level of college courses.

For admission into the Excelsior Program, students must meet eligibility requirements and be approved by their high school administrator. Students interested in finding out more about enrollment in Excelsior Program courses at their high school should contact their high school administration or guidance counselor, or visit the Excelsior Program website at department.sunysuffolk.edu/Excelsior.

The Early College Program

The Early College Program (ECP) provides an opportunity for talented and highly motivated high school juniors and seniors to begin earning college credit while still in high school. In order to qualify, students must have earned an 85 high school average to take college classes and a 90 average to take honors classes.

High school students in the ECP program take courses at SCCC campuses. This enables students to take advantage of SCCC resources, including the college library, computer labs, tutoring centers and support services. Advising and program coordination is provided by the ECP staff, ensuring that the students receive

personal attention. Classes are scheduled in the early morning or late afternoon/early evening.

Each high school partnership is crafted to meet curricula and scheduling needs of the particular district, and SCCC works closely with each district in order to achieve a program that is effective and efficient for participating students. Qualified sophomores and juniors are encouraged to apply during the spring semester. For more information, contact the participating high school or call the campus of interest.

CORPORATE TRAINING

The College's Corporate Training Center, located in the Sally Ann Slacke building on the Grant Campus in Brentwood, offers a broad array of workforce and professional development training programs designed to meet the needs of the region's business and industry sectors. The courses offered range from soft skill programs, such as Customer Service Excellence, Supervisory Skills, and Business Writing through computer skill courses in Microsoft™ Office applications as well as other specialized software. These courses are designed to upgrade and improve the performance of current employees, while adding value to a company by improving their efficiency. The Corporate Training Center also offers special seminars and conferences focused on relevant topics of importance to the business community.

Companies can benefit from doing business with the Corporate Training Center, in that they offer flexible delivery options and schedules as well as provide training programs tailored to a company's specific needs. Businesses from many different market segments have participated in these cost effective programs, including manufacturing, health care, communications and retail among many. More than 400 companies have received training through the Corporate Training Center at Suffolk County Community College through both contract training and grant-funded programs.

In addition to offering a number of cutting-edge programs designed to keep pace with the rapidly changing technological and training needs of business and industry, the Corporate Training Center provides the ability for up-front consultation, which assures that course offerings will meet the unique needs of a specific company. This personalized approach assures satisfaction and tangible results for companies participating in their programs.

In response to the needs of Long Island companies, the Corporate Training Center has met the challenge of providing cost effective, quality training through contract and grant-funded training programs. Examples of such programs follow:

- **Computer Applications:** training in areas such as Microsoft™ Office, including Word, Access, Excel, Outlook and PowerPoint as well as other software programs such as AutoCAD, MS Project and Publisher.

- **Entrepreneurship:** through a grant-funded program known as the Entrepreneurial Assistance Program, new business owners and people thinking of starting a new business are introduced to the basics of running a small business.

- **Business Training:** through contracts and grants, businesses can take advantage of a wide range of training courses to help improve their operations. Customer Service, Communications, Leadership, Time Management and Team Building are only a few of the many courses offered.

- **Professional Development:** owners of businesses have utilized the Corporate Training Center's services to improve the managerial and supervisory skills of their staff. It has also aided businesses in defining specific training programs for their employees and management personnel.

- **Specialized and Customized Skills Training:** Spanish for Industry and English as a Second Language, are two courses that are helping businesses meet the challenge of Long Island's changing demographics.

Advanced Manufacturing Training Center

The Advanced Manufacturing Training Center (AMTC) offers a variety of training courses to prepare students to enter the manufacturing workforce on Long Island. These skill-specific courses are designed in partnership with industry and several lead to national certification. Topics include: Welding CNC (Computer Numerical Controlled Machining), Blueprint reading, Shop Math, AutoCAD, Master CAM, 3D Printing, Soldering and PLC's (Programmable Logic Controllers), Fluid Power (Hydraulics/Pneumatics), Quality and Inspection.

The AMTC is certified through the American Welding Society (AWS) and the National Institute for Metalworking Skills (NIMS).

Entrepreneurial Assistance Center

Entrepreneurial Assistance Center at Suffolk County Community College provides:

- A 60-hour comprehensive business training program, presented in English and Spanish
- Counseling on the feasibility of starting a business
- Assistance in refining a business concept and development of a business plan
- Assistance in developing Minority and Women Division Enterprise Certification Applications (MWBE Certification)
- In-depth business counseling in product development and marketing
- Guidance in exporting, contract procurement and licensing
- One-on-one counseling in identifying and accessing capital and credit
- Access to direct financing: 2/3 of the EAP Centers operate or are affiliated with micro-loan programs for qualified program participants
- Access to business support networks
- On-going one-to-one technical assistance for program graduates
- Assistance with website development and selling products and services online.

SALLY ANN SLACKE CORPORATE TRAINING CENTER

Michael J. Grant Campus
Crooked Hill Road
Brentwood, NY

CORPORATE TRAINING CENTER ADMINISTRATIVE OFFICES (area code is 631)

Associate Vice President Workforce and Economic Development	851-6225
Course Information	851-6200
Sales and Marketing	851-6200
EAP Director	851-6206
Manufacturing Training Center	851-6200

Take the Long Island Expressway (I-495) to Exit 53 (Sagtikos Parkway/Wicks Road). Follow signs to Wicks Road. Go south 1/2 mile on Wicks Road to campus entrance on right.

The Corporate Training Center is served by the following Suffolk County Transit bus routes: S-33, S-41, 3A.

Grant-Funded Training Programs

The Corporate Training Center at Suffolk County Community College has worked with companies to help secure training grants from federal, state and county agencies. Many grants provide a level of funding for specific training programs with matching funds required from the company participating in the grant. The company is also responsible for meeting specific eligibility guidelines of the grant awarded. This arrangement provides an opportunity to upgrade workforce skills at an affordable cost for the company.

The Corporate Training Center has secured specific grants in the area of Advanced Manufacturing, Welding and Machining. These programs have allowed the training of over 900 displaced workers, economically disadvantaged adults, persons with disabilities and veterans to receive vocational training. Many of these students have successfully completed their training, obtained full- or part-time employment and have become self-sufficient, productive members of the community. These programs also allow many to further their education and obtain degrees at SCCC in Advanced Manufacturing or other fields and obtain four-year degrees at other institutions.

In addition this training has helped businesses diversify their markets and enabled companies to be more competitive in the global marketplace. As well it has allowed firms to upgrade the skills of existing workers, increasing retention rates and remain an economic resource for Long Island.

CONTINUING EDUCATION

Suffolk County Community College offers an extensive program of non-credit professional development continuing education courses at each of the campuses and the Riverhead and Sayville centers. Students may choose special courses to improve academic skills, enhance business skills, gain assistance in changing careers, satisfy continuing professional education requirements for licensed professions, or increase knowledge in a particular area of interest. Courses are offered in traditional classroom format and online to meet students' needs and learning styles.

Among SCCC's most popular offerings each year are Quickbooks, Photoshop, Floral Design, Stained Glass Crafts, How to Protect Your Savings, SAT Preparation, Driver Education, Stress Management, Medical Billing and Pharmacy Technician training.

In addition, the college offers non-credit courses to governmental agencies. These include courses for Civil Service employees and municipal workers.

Professional education courses include food service management for dietary managers, continuing education for enrolled agents of the IRS and for CPAs, and safe schools training for teachers.

Community education efforts focus on High School Equivancy/literacy and workforce development skills programs.

The following six areas provide an indication of the wide variety of courses that are included under the college's various non-credit continuing education programs.

Improvement of Academic Skills

At each of the campuses, students may participate in non-credit continuing education courses which will increase the likelihood of success in college-level course work. Study Skills for the Adult Student, Chemistry Review for Biology Students, Foundations for College Success, and Scholastic Aptitude Test Preparation are examples of courses which improve the academic success of students.

Persons who have not graduated from high school are invited to participate in the High School Equivalency Program.

Courses to Aid Vocational Pursuits

A comprehensive program of vocationally oriented non-credit continuing education courses is offered to assist students in refreshing old skills and acquiring new ones. Courses address computer software applications, computer programming, medical billing, real estate sales, the essentials of operating businesses such as a bed and breakfast or import/export, preparation for working in the floral design industry and environmental protection awareness.

Health and Wellness Courses

These courses include non-credit continuing education opportunities in personal health maintenance as well as training programs for those employed in the health professions. Some popular offerings include Assertiveness Training, Work Smarter – Not Harder, CPR, Child Abuse Reporting, and Infection Control.

Financial Courses

Financial courses provide objective information and advice to Suffolk County residents

on a broad spectrum of financial planning topics for individuals and small businesses. Financial Planning for Retirement, College Planning and a Financial Planning Seminar are just a few of the non-credit continuing education courses which are offered.

Personal Enrichment Courses

Many community residents take advantage of the extensive program of non-credit continuing education personal enrichment courses offered at each of the campuses. Courses in areas such as photography, and foreign language study offer opportunities for exploration and enrichment in diverse areas. Courses are instituted in response to community requests for avocational instruction.

Programs for Special Populations

Several programs are designed for specific audiences. These offerings include driver education, and continuing education for teachers, dietary managers, enrolled agents and direct care workers. In addition, continuing education offers Saturday and summer drama, science and computer programs for children.

Energy Efficiency and Technology

In response to national, state and local priorities, Suffolk County Community College has developed credit-bearing courses and non-credit/professional development workshops in energy conservation and efficiency and renewable energy technologies. By so doing, the College is promoting job creation and the development of a qualified workforce for the energy and building industries which will help to secure the region's future functional and technical demands.

Students seeking workforce careers in this emerging field will acquire knowledge, skills and abilities to achieve nationally recognized certification as a Leadership in Energy and Environmental Design (LEED) Green Associate, energy rater, or solar technology installer. Those seeking two-year and four-year degrees will acquire theoretical and laboratory skills in physics, engineering and energy technologies.

SENIOR CITIZENS

Suffolk County residents 60 years of age or older are invited to attend *credit-bearing* courses on a space-available basis without paying tuition. *Please note, however, that senior citizens are expected to pay required college fees. In addition, senior citizens enrolling in a physical education, internship, cooperative education or*

field placement course/program are required to pay a non-refundable Accident Insurance Fee.

Those who attend courses through this program do not receive academic credit but have an opportunity to develop their personal and professional interests by attending the classes as “audit” students. Though not paying tuition, senior citizens are subject to the audit conditions outlined under “AUD–AUDIT” on page 84 of this catalog. It should be understood that no grades can be earned or recorded for participation in these courses.

Unfortunately, the College cannot extend this opportunity to attend courses on a space-

available basis to senior citizens registering for *non-credit* courses, since the latter must be financially self-supporting.

Each semester a special registration time is set aside for senior citizens who wish to avail themselves of this program. Additional information may be obtained by calling the campus Registrar’s Office.

Senior citizens are also invited to attend the theatre productions, concerts, art exhibits and lectures sponsored by the College. Most events have no admission charge, although tickets may be required.

Alumna Profile

Jennifer Gustavson – Class of 2006

Reporter Jennifer Gustavson graduated with distinction from Suffolk County Community College in 2006. She then enrolled at Stony Brook University and earned a degree in journalism in December 2009. One month later, she was hired by the Times/Review Newsgroup in Mattituck, where she is a senior staff writer at the publication's weekly newspapers: *The Suffolk Times* and *Riverhead News-Review*.

Although Jennifer had several mentors throughout her career, she attributes her professional start to opportunities provided by Suffolk County Community College.

"The classes are small, the teachers are great and the tuition is affordable," she said. "I wouldn't have achieved so much without Suffolk's support and guidance."

In her role as a reporter, Jennifer covers seven Long Island public school districts. In 2013, she wrote articles on topics as varied as speakers of an ancient language called Mixteco and how these individuals are settling in the Riverhead community, an autistic student's journey to becoming his high school's valedictorian, and features that discuss the struggle of teachers, students and parents as they adjust to Common Core-related mandates from the state Department of Education.

She also covers regional issues that have affected schools within the papers' coverage area, including the state assessment "opt-out" movement, shared-services agreements with neighboring schools forced to curtail spending under the 2 percent tax cap, and security changes in rural small-town schools since the shooting tragedy at Sandy Hook Elementary School in December 2012.

Jennifer has been recognized by the New York Press Association, including an award for Best News Story in 2012, and was named the 2011 James Murphy Cub Reporter of the Year by the Press Club of Long Island, a chapter of the Society of Professional Journalists.



Suffolk
COUNTY COMMUNITY COLLEGE



Curricula

For a complete list of Programs of Study offered at SCCC, please see pages 23-25 or go the SCCC website at www.sunysuffolk.edu.

TYPES OF DEGREES

Suffolk County Community College offers a variety of two-year curricula leading to the associate degree, as well as a number of one-year certificate programs. There are three different associate degrees, each having a specific purpose and differing credit distributions.

Associate in Arts (A.A.) Degree

This is a liberal arts-based degree for which the objective is preparation for transfer to a baccalaureate degree program, generally in a liberal arts major (i.e., English, history, philosophy, psychology, sociology, etc.).

Associate in Science (A.S.) Degree

This is a liberal arts and science-based degree for which the objective is preparation for transfer to a baccalaureate degree program, generally in a professional field of endeavor (i.e., chemistry, engineering, computer science, etc.).

Associate in Applied Science (A.A.S.) Degree

This is an occupationally based degree for which the primary objective is preparation for job entry immediately upon completion of the degree program (i.e., nursing, occupational therapy assisting, paralegal assistant, graphic design, etc.). While the emphasis is on providing particular occupational skills, each curriculum includes courses in the humanities, social sciences and mathematics.

Some graduates of these programs may also

transfer to four-year colleges. The acceptance of courses for transfer are subject to the discretion of the receiving baccalaureate institution.

Certificate Programs

A certificate is designed to provide students with skills that lead to employment after the equivalent of one year of full-time college study. Many of the certificate programs can be used as the first stage in an educational program leading eventually to an associate or baccalaureate degree. Each program includes some liberal arts courses, but the emphasis is on providing practical knowledge, skills and techniques which can be applied immediately in the work situation.

GENERAL AND CORE EDUCATION REQUIREMENTS

State University of New York General Education Requirement (SUNY-GER)

All students enrolled in programs leading to A.A., A.S., and baccalaureate degrees are required by the State University of New York to complete 30 credits of SUNY-GER general

education in a minimum of 7 of 10 areas. Students must take at least one course each in both Mathematics and Basic Communication and in 5 of the following 8 areas::

1. Natural Sciences
2. Social Sciences
3. American History
4. Western Civilization
5. Other World Civilizations
6. Humanities
7. The Arts
8. Foreign Language

Students who are planning to transfer to SUNY baccalaureate programs are strongly encouraged to take 3 of the 5 courses in Natural Science, Social Science, and the Humanities, as these areas are required in nearly all bachelor's degree programs.

In addition to the 7 of 10 course requirement, students must also demonstrate the following competencies, which are infused throughout the General Education program:

1. Critical Thinking (Reasoning)
2. Information Management

Note: *See course descriptions to determine which Suffolk County Community College courses fulfill the SUNY General Education requirements.*

Suffolk County Community College Core Education Graduation Requirement

As a condition of graduation, students in all Suffolk County Community College degree programs must satisfy core education requirements.

Students in A.A. and A.S. degree programs must satisfy the following minimum requirements:

ENG101:	Standard Freshman Composition
ENG102	Introduction to Literature
Humanities:	9 credits (only one course may be English)
Social Sciences:	9 credits (must include at least one semester of History: Western Civilization, American History or Non-Western Culture)
Mathematics:	One college-level mathematics course
Science:	One laboratory science course
Physical Education:	2 credits
Freshman Seminar:	1.5 credits

Students in A.A.S. degree programs must satisfy the following minimum requirements:

ENG101:	Standard Freshman Composition
English Elective:	3 credits
Humanities:	3 credits (any humanities course other than English)
Social Sciences:	6 credits
Mathematics/ Science:	Two mathematics and/or laboratory science courses
Physical Education:	2 credits
Freshman Seminar:	1.5 credits

ONLINE PROGRAMS

Online programs provide opportunities for students to complete all course requirements without needing to attend any classes on campus. Course requirements and content for online degrees are equivalent to the college's requirements for traditional campus-based (i.e., face to face) curricula. Students may matriculate into online curricula at any SCCC campus. Currently, one curriculum is offered entirely online, the Associate of Applied Science degree in Business Administration, which is described on page 97 of this catalog. Contact the Central Admissions Office for further information.

EVENING PROGRAMS

Half the College's student body is comprised of students enrolled in classes scheduled during the late afternoons and evenings, Monday through Friday, and in weekend course offerings. Most evening students are enrolled in one of the degree or certificate programs, but some students simply take a few courses to meet specific job requirements, prepare for advancement to better positions, promote self-development, or broaden their understanding of contemporary cultural and social phenomena.

Evening and weekend classes are offered on all three campuses. These courses are identical in content to those offered during the day session. All academic and administrative guidelines and regulations which pertain to full-time students also apply to part-time students. Students have access to the complete classroom, laboratory and library facilities of the campuses and are provided with academic advisement, counseling and other services.

Individuals who plan to work toward a degree or certificate should apply as a full-time

or part-time matriculated student through the Admissions Office. For those who are interested in taking credit courses for personal or vocational enrichment and are not pursuing a degree or certificate, the campus Registrar's Office should be contacted. For those who are interested in taking non-credit courses, please see Continuing Education on page 82.

The Programs of Study chart on pages 23-25 shows degree and certificate programs offered on the different campuses of the college which can normally be completed by students attending evening classes. The "evening" designation is intended as a general guide only. Insufficient enrollment in a particular course or program, or in a given semester, may make it necessary for students to enroll in a day class, or at another campus, or to attend extra semesters in order to complete specific required courses. Please consult with the campus Office of Academic Affairs on any campus for further information.

SUMMER SESSIONS AND WINTERSESSION

The College operates **summer sessions** at all three campuses, consisting of two consecutive five-week day and evening sessions, as well as an overlapping eight-week session for selected courses. Nine to 12 credits may be completed by enrolling during several of these sessions. Any student wishing to enroll for more than 12 credits must receive permission from the Executive Dean's office on his/her campus.

A three-week **wintersession** offering only day classes is scheduled each year in late December and January before the spring semester begins. Three credits may be completed during the wintersession.

In addition to the College's own students, the summer sessions and the wintersession are popular with students visiting from other colleges and universities who wish either to make up or accelerate course work in their own programs of study.

DURATION OF STUDY

Students can complete the A.A., A.S. or the A.A.S. degree in two years of successful full-time study, while the certificate programs are designed for one year of full-time study. Students working toward the degree or certificate on a part-time or minimum full-time basis should understand that completion of the program will take longer. Placement into

developmental courses may also extend duration of study.

Increasingly, students find it difficult to complete the programs of study in the suggested time because of family obligations, work hours or other responsibilities. SCCC understands these circumstances and encourages students to consult with the College's counselors for assistance in determining the optimum course load and time frame for pursuing their program of study.

There is no academic penalty for taking longer than the one or two years outlined in the curricula that follow. Some students find that attending the summer sessions and/or the wintersession provides an opportunity to expedite their progress in their program of study.

CURRICULA DESCRIPTIONS AND REQUIREMENTS

At the heading of each curriculum there is an indication of which campus offers the particular curriculum: the Ammerman Campus at Selden, Eastern Campus at Riverhead and Grant Campus at Brentwood.

Curriculum codes are indicated at the right of each heading after the campus designation. For further information regarding any curriculum, students should seek advice from the educational counselors or the Admissions Office on any of the three campuses.

PLEASE NOTE:

1. Scores on placement tests may determine that students need to enroll in one or more of the following non-credit developmental courses, which do not fulfill degree requirements:

ENGLISH

ENG009: Basic English Skills

ENG010: Developmental Writing

MATHEMATICS

MAT001: Developmental Mathematics Skills

MAT006: Pre-Algebra and Algebra I

MAT007: Algebra I

READING

RDG098: Introduction to College Reading

RDG099: Reading in the Content Areas

In addition, students for whom English is a second language may be required to take any or all of the following English as a Second Language (ESL) non-credit developmental courses:

- ESL011-012: ESL: College Reading I and II
- ESL013-014: ESL: Intensive Grammar I and II
- ESL015-016: ESL: College Listening Speaking Skills I and II
- ESL017-018: ESL: College Composition I and II

2. The COL101: Freshman Seminar requirement may also be fulfilled by taking one of the following:

- ART105: Visual Arts Seminar (for students in visual arts curriculum);
- ART144: Photography Seminar (for students in photographic imaging curriculum);
- BUS115: College/Workplace Skills Seminar (for students in accounting, business-related and paralegal curricula);
- COL105: Personal Growth and College Life;
- COL111: Adult Learner College Seminar
- COL125: College Success Seminar;
- COL141: EOP-Freshman Seminar (for students in EOP program);
- CUL101: Culinary Freshman Seminar (for

- students in culinary arts curriculum);
- GRD105: Digital Design Freshman Seminar (for students in computer art or graphic design curriculum);
- HRM115: Hospitality Freshman Seminar (for students in hotel and resort management curriculum);
- INT115: Interior Design Careers Seminar
- LIB101: Research Essentials: The Library and the Internet;
- LIB103: Library Research Methods;
- MUS115: Freshman Seminar for Music Majors (for students in music curriculum);
- THR100: First Year Seminar for Theatre Arts (for students in theatre arts curriculum);
- WST112: Women's Seminar.

3. In order to graduate from any curriculum, either degree or certificate, students must attain a minimum cumulative grade point average of 2.0 in their overall course requirements as well as in their major courses. The courses constituting the major in each curriculum are designated with a ♦. Only the Liberal Arts and Sciences: Adolescence Education Emphases, the Liberal Arts and Sciences: Education (Child Study) Emphasis and the Liberal Arts and Sciences: General Studies Emphasis curricula do not designate major courses.

ACCOUNTING/ A.A.S. DEGREE

Ammerman - Eastern - Grant / ACCT-AAS Hegis Code - 5002

This two-year program, leading to the Associate in Applied Science degree, is designed for students who plan to seek accounting positions in business, industry or governmental agencies upon completion of two years of college study. The program also meets the needs of employed individuals desirous of job advancement who wish to learn applications of accounting theory to current practices in the field. Finally, the program offers preparation for possible transfer since most courses are acceptable for credit at four-year colleges.

FIRST SEMESTER: 19.5 credits

Credits

- ♦ ACC101: Principles of Accounting I 4
- ♦ BUS107: Business Mathematics 3
- ♦ BUS112: Computing for Business
or CST101: Introduction
to Computing 4
- ♦ BUS115: College/Workplace
Skills Seminar 1.5
- ENG101: Standard Freshman
Composition 3
- ECO111: Macroeconomics: The National
Economy or ECO112: Microeconomics:
Prices and Markets 3
- Physical Education Elective 1

SECOND SEMESTER: 18 credits

- ♦ ACC102: Principles of Accounting II 4
- ♦ ACC137: Computer Accounting
Principles 4
- ♦ BUS101: Introduction to Business 3
- English Elective 3
- Physical Education Elective 1
- * Social Sciences Elective 3

THIRD SEMESTER: 15-17 credits

- ♦ ACC212: Electronic Spreadsheet
Applications for Accounting
or ACC214: Corporate Finance 3-4
- ♦ Accounting Elective 3
- ♦ BUS117: Business Communications 3
- ♦ LAW111: Business Law I 3
- ** Mathematics Elective 3-4

FOURTH SEMESTER: 15-17 credits

- ♦ ACC116: Practical Accounting 3
- ♦ Accounting Elective 3
- Humanities Elective 3
- ♦ LAW212: Business Law II 3
- Mathematics or Science Elective 3-4

TOTAL CREDITS REQUIRED: 67.5-71.5

* Students considering transfer to a four-year college should complete ECO111 and ECO112.

** Recommended: MAT103.

♦ These courses constitute the major courses in this curriculum.

NOTE: See *Transfer Opportunities* on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION

Accounting and Business 40.5-45.5 credits
Computer Science 0-4 credits
Humanities 9-10 credits
Social Sciences 6 credits
Mathematics/Science 6-8 credits
Physical Education 2 credits

ACCOUNTING / A.S. DEGREE

Ammerman - Eastern - Grant / ACCT-AS Hegis Code - 5002

This two-year program, leading to the Associate in Science degree, is designed for students who plan to transfer to a four-year college for continued study toward the baccalaureate degree in accounting and who ultimately wish to prepare for the New York State Certified Public Accountant examination. Courses in this curriculum have been carefully selected to ensure that they will be accepted for transfer credit in most upper-division collegiate programs.

Admission Procedures and Requirements

Entering students must have an 80 high school average which includes successful completion of high school mathematics sequence through Algebra 2/Trig or equivalent. Continuing college students without high school math need to have completed MAT111. Applications are processed on a rolling basis for fall and spring semesters. Most students with minimum admission criteria will be admitted into the program.

Note that students who do not meet the admission criteria may be admitted on a provisional basis.

FIRST YEAR: 36.5-38.5 credits Credits

- ♦ ACC101: Principles of Accounting I
and ACC102: Principles of
Accounting II 8
- ♦ BUS101: Introduction to Business 3
- ♦ BUS112: Computing for Business
or Computer Science (CST) Elective 4
- ♦ BUS115: College/Workplace
Skills Seminar 1.5
- ECO111: Macroeconomics: The
National Economy and ECO112:
Microeconomics: Prices and Markets 6
- ENG101: Standard Freshman
Composition and ENG102:
Introduction to Literature 6
- * Mathematics Electives (2 courses) 6-8
- Physical Education 2

SECOND YEAR: 33-34 credits

- ♦ ACC201: Intermediate Accounting I
and ACC202: Intermediate
Accounting II 8
- ♦ Accounting Elective 3-4
- ♦ Business Elective 3
- ** History Elective 3
- Humanities Electives (2 courses) 6
- Laboratory Science Elective 4
- ♦ LAW111: Business Law I
and LAW212: Business Law II 6

TOTAL CREDITS REQUIRED: 69.5-72.5

- * Mathematics courses must be chosen from MAT103 and beyond, with the exception of MAT111. MAT121 and MAT131 are recommended.
- ** To be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120.
- ♦ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses.* 2) *See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION

- Accounting and Business 32.5-37.5 credits
- Computer Science 0-4 credits
- Humanities 12 credits
- Social Sciences 9 credits
- Mathematics 6-8 credits
- Laboratory Science 4 credits
- Physical Education 2 credits

ACCOUNTING / CERTIFICATE

Ammerman - Eastern - Grant / ACCT-CERT Hegis Code - 5002

This one-year program is designed specifically for individuals who are currently employed and who will enroll as part-time students over a period of at least four semesters. The curriculum includes four standard collegiate accounting courses (ACC101, ACC102, ACC201 and ACC202) which must be taken in sequence. Students who wish to continue their studies after completing this program will find that all courses are acceptable toward the A.S. and A.A.S. degrees in accounting.

Since this program is intended for part-time students, it is not displayed in the usual semester pattern. Normally, four to six semesters will be required for completion on a part-time basis.

Credits

♦ ACC101: Principles of Accounting I	4	ENG101: Standard Freshman Composition	3
♦ ACC102: Principles of Accounting II	4	♦ LAW111: Business Law I	3
♦ ACC137: Computer Accounting Principles	4	TOTAL CREDITS REQUIRED: 35	
♦ ACC201: Intermediate Accounting I	4	♦ These courses constitute the major courses in this curriculum.	
♦ ACC202: Intermediate Accounting II	4	REQUIRED CREDIT DISTRIBUTION	
♦ Accounting Elective: ACC116 recommended	3	Business	29 credits
♦ BUS101: Introduction to Business	3	English	3 credits
Economics: ECO101, ECO111 or ECO112	3	Economics	3 credits

AMERICAN SIGN LANGUAGE/A.A.S. DEGREE

Ammerman / ASL-IN-AAS, ASL-SD-AAS Hegis Code - 5599

The design of this program allows a concentration in one of two sequences: American Sign Language (ASL) Studies or ASL/English Interpretation.

The **American Sign Language Studies** sequence is a two-year course of study designed for individuals who are interested in sign language and working with Deaf people but who do not want to become sign language interpreters. Graduates will be prepared to work as para-professionals in schools with deaf students and social service agencies that serve Deaf adults. Students with this degree will also be able to transfer to four-year degree programs to combine their knowledge of ASL and Deaf people with other areas of interest such as Education, Social Work, or Communications.

The **ASL/English Interpretation** sequence is designed to provide a foundation for graduates to sit for the National Interpreter Certification Knowledge Examination administered by the Registry of Interpreters for the Deaf, Inc. (RID). In addition, students will be qualified for a state interpreter license in numerous states across the country. Students interested in pursuing national certification as a sign language interpreter should consult the RID's website for current certification requirements (www.rid.org/education/edu_certification/index.cfm). The ASL/English Interpretation Sequence may take more than 2 years of full-time study to complete due to its admission policy and course sequence.

Students interested in pursuing New York State certification as a teacher of American Sign Language in public schools are advised to pursue the ASL/English Interpretation Sequence because it provides a larger number of the hours required for that certification. Students should check for current New York State teacher certification requirements at www.highered.nysed.gov/tcert/.

Students interested in either program should enroll in the ASL Studies degree program first.

American Sign Language Studies Sequence: To remain a student in the ASL Studies sequence, students must achieve a minimum grade of C in every ASL course. Students receiving a grade below a C in an ASL course will have their majors changed to Liberal Arts the semester following

the posting of the disqualifying grade. Students may opt to repeat a course once to earn a C or better. If they do, they will be returned to the ASL Studies major the semester following the posting of the required minimum grade.

ASL/English Interpretation Sequence: To be considered for admission to the Interpreting sequence, students must have completed each of the following courses with a grade of B or higher:

- ASL101: American Sign Language I (3 credits)
- ASL103: Deaf Culture and Contemporary Issues (3 credits)
- ASL105: American Sign Language II (3 credits)
- ENG101: Standard Freshman Composition (3 credits)
- ENG119: The Structure of English (3 credits)

Once enrolled, ASL/English Interpretation students must achieve a minimum passing grade of B in all ASL courses to remain in the program and to graduate. Students receiving a grade of C in an ASL course will have their majors changed to Liberal Arts the semester following the posting of the disqualifying grade. Students may opt to repeat a course once to earn a B or better. If they do, they will be reinstated to the ASL/English Interpretation major the semester following the posting of the required minimum grade.

ASL101, ASL103, ASL105, ASL201, ASL203 and ASL220 are open to non-program students who have completed the appropriate prerequisites.

ASL/English Interpretation Sequence (ASL-INT-AAS)

FIRST SEMESTER: 13.5 credits

	<i>Lec.</i>	<i>Lab.</i>	<i>Cr.</i>
♦ ASL101: American Sign Language I	3	-	3
♦ ASL103: Deaf Culture and Contemporary Issues	3	-	3
COL101: Freshman Seminar	1.5	-	1.5
ENG101: Standard Freshman Composition	3	-	3
Humanities Elective	3	-	3

SECOND SEMESTER: 13 credits

♦ ASL105: American Sign Language II	3	-	3
ENG119: The Structure of English	3	-	3
HSC114: Group Dynamics	3	-	3
Physical Education	2	-	1
PSY101: Introduction to Psychology	3	-	3

THIRD SEMESTER: 13 credits

♦ ASL201: American Sign Language III	3	3	4
♦ ASL203: Fingerspelling	2	-	2
♦ ASL205: Introduction to Principles of Interpreting and Transliterating	3	-	3
BIO101: Principles of Biology	3	2	4

FOURTH SEMESTER: 14 credits

♦ ASL210: Comparative Linguistics: ASL and English	3	-	3
♦ ASL212: Sign-to-Voice Interpreting	2	4	3
♦ ASL220: American Sign Language IV	3	3	4
Physical Education	2	-	1
PSY210: Lifespan Development	3	-	3

FIFTH SEMESTER: 12-13 credits

♦ ASL222: Voice-to-Sign Interpreting	2	4	3
♦ ASL230: Technical Sign Language	3	-	3
COM101: Introduction to Human Communication	3	-	3
Mathematics/Science Elective	3-4	-	3-4

SIXTH SEMESTER: 3 credits

♦ ASL240: Sign Language Interpreter Seminar and Fieldwork	2	4	3
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TOTAL CREDITS REQUIRED: 68.5-69.5

- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

English	.6 credits
Sign Language	.37 credits
Social Sciences	.6 credits
Mathematics/Science	7-8 credits
Health Concepts	.3 credits
Humanities	.6 credits
Freshman Seminar	1.5 credits
Physical Education	.2 credits

American Sign Language Studies Sequence (ASL-STDY-AAS)

FIRST SEMESTER: 14.5 credits

	<i>Lec.</i>	<i>Lab.</i>	<i>Cr.</i>
♦ ASL101: American Sign Language I	3	-	3
♦ ASL103: Deaf Culture and Contemporary Issues	3	-	3
COL101: Freshman Seminar	1.5	-	1.5
ENG101: Standard Freshman Composition	3	-	3
Physical Education	-	2	1
PSY101: Introduction to Psychology	3	-	3

SECOND SEMESTER: 15 credits

♦ ASL105: American Sign Language II	3	-	3
ENG119: The Structure of English	3	-	3
HSC114: Group Dynamics	3	-	3
Humanities Elective	3	-	3
PSY210: Lifespan Development	3	-	3

THIRD SEMESTER: 16 credits

♦ ASL201: American Sign Language III	3	3	4
♦ ASL203: Fingerspelling	2	-	2
BIO101: Principles of Biology	3	2	4
PSY213: The Exceptional Child	3	-	3
Social Sciences Elective	3	-	3

FOURTH SEMESTER: 17-18 credits

♦ ASL210: Comparative Linguistics: ASL and English	3	-	3
♦ ASL220: American Sign Language IV	3	3	4
HSC101: Health Concepts or other Health Elective	3	-	3
Mathematics/Science Elective	3-4	0-4	3-4
Physical Education	-	2	1
Unrestricted Elective	3	-	3

TOTAL CREDITS REQUIRED: 62.5-63.5

- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

English . . . . .	.6 credits
Sign Language . . . . .	.22 credits
Social Sciences . . . . .	.12 credits
Mathematics/Science . . . . .	.7-8 credits
Health Concepts . . . . .	.6 credits
Humanities . . . . .	.3 credits
Unrestricted Elective . . . . .	.3 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

AUTOMOTIVE SERVICE SPECIALIST / A.A.S. DEGREE

Ammerman / AUTO-AAS Hegis Code - 5306

The Automotive Service Specialist Program is designed to prepare automotive technicians for responsible positions with dealerships or repair centers and is certified by the National Automotive Technical Education Foundation (NATEF). Students can choose from among the following: GM-ASEP, for either General Motors dealerships or AC Delco repair centers; Honda PACT, for Honda or Acura dealerships; Toyota T-TEN for Toyota or Lexus dealerships; and ATAC, for all other manufacturers' dealerships or independent shops.

Admission Procedures and Requirements

This program begins only in the fall and is competitive. All applicants must take the college placement exams (CPTs) unless approved for a waiver by the Academic Chair for Automotive Technology. Students accepted into the program must be full-time status only. All required courses must be taken in the sequence listed below. Entering students must have completed Integrated Algebra or equivalent in high school; continuing college students must have completed MAT007 or its equivalent.

FIRST SEMESTER: 18.5 credits

	<i>Lec.</i>	<i>Lab</i>	<i>Cr.</i>
♦ AUT112: Integrated Automotive Systems	2	2	3
♦ AUT114: Starting and Charging Systems	2	2	3
♦ AUT115: Specialized Electronics	2	2	3
♦ AUT120: Practicum I	-	-	1
COL101: Freshman Seminar	1.5	-	1.5
MAT111: Algebra II	4	0	4
Social Sciences Elective	3	-	3

SECOND SEMESTER: 17 credits

♦ AUT118: Computer Systems and Fuel Delivery	2	2	3
♦ AUT222: Automotive Heating and Air Conditioning	2	2	3
♦ AUT224: Electronic Devices and Processors	2	2	3
♦ AUT230: Practicum II	-	-	1
ENG101: Standard Freshman Composition	3	-	3
PHY110: Automotive Physics	3	3	4

THIRD SEMESTER: 16 credits

♦ AUT226: Fuel Injection and Emission Systems	2	2	3
♦ AUT232: Brakes, Alignment, and Steering and Suspension Systems	2	2	3
♦ AUT234: Engine Theory and Overhaul	2	2	3
♦ AUT236: Automotive Service Productivity and Efficiency	3	-	3
♦ AUT240: Practicum III	-	-	1
ECO101: Current Economic Issues	3	-	3

FOURTH SEMESTER: 16 credits

♦ AUT238: Body Computers and Advanced Systems Diagnosis	2	2	3
♦ AUT242: Transmission and Drive Systems	2	2	3
♦ AUT246: Automotive Dealership Structure and Functions	3	-	3
♦ AUT250: Practicum IV	-	-	1
* Business Elective	3	-	3
** English Elective	3	-	3

TOTAL CREDITS REQUIRED: 67.5

* Recommended: Business Management (BUS) course.

** Recommended: ENG121.

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Automotive Service	43 credits
English . . . . .	.6 credits
Social Sciences . . . . .	.6 credits
Mathematics . . . . .	.4 credits
Physics . . . . .	.4 credits
Business . . . . .	.3 credits
Freshman Seminar	1.5 credits

BUSINESS ADMINISTRATION / A.A.S. DEGREE

Ammerman - Eastern - Grant / BUAD-AAS Online Degree Program / BUAO-AAS Hegis Code - 5004

This two-year career program is intended primarily for those students who intend to seek employment directly after its completion. The curriculum provides essential knowledge and skills in the financial, management and marketing facets of business, as well as in the supporting areas of communications and mathematics. Students can pursue their interest in one of seven specialized areas of business (human resources management, management technology, marketing, entrepreneurship, international business, business law and economics) through their choice of business electives.

The curriculum is adaptable to many four-year college degree programs in business, and graduates will find reasonable transfer opportunities available to them should they desire to continue in a baccalaureate degree program. The entire curriculum can be completed online.

FIRST SEMESTER: 17.5 credits *Credits*

- ♦ ACC101: Principles of Accounting I 4
- ♦ BUS101: Introduction to Business 3
- ♦ BUS115: College/Workplace Skills Seminar 1.5
- * Communications Elective 3
- ENG101: Standard Freshman Composition 3
- **♦ LAW107: Law for Business or LAW111: Business Law I 3

SECOND SEMESTER: 17-18 credits

- ♦ ACC102: Principles of Accounting II or ACC115: Managerial Accounting 3-4
- ♦ BUS109: Supervision: Concepts and Practices or BUS201: Management Principles and Practices 3
- ***♦ BUS112: Computing for Business 4
- † English Elective 3
- ♦ MKT101: Marketing 3
- ◇ Physical Education 1

THIRD SEMESTER: 16 credits

- ♦ BUS117: Business Communications 3
- ♦ Business Elective (BUS141, BUS123 or BUS127) 3
- ECO112: Microeconomics: Prices and Markets 3
- ‡ Humanities Elective 3
- MAT103: Statistics I 3
- ◇ Physical Education 1

FOURTH SEMESTER: 15-16 credits

- ♦ BUS150: Cooperative Education in Business or BUS209: Issues in Contemporary Business 3
- ¥♦ Business Electives (2 courses) 6
- § Mathematics/Laboratory Science Elective 3-4
- Δ Social Sciences Elective 3

TOTAL CREDITS REQUIRED: 65.5-67.5

- * To be selected from COM101, COM102, COM105, COM107 or COM131.
- ** Credit will be given for LAW107 or the LAW111 and LAW212 sequence, but not both.
- *** When BUS112 is not available on a particular campus, students at that campus may select any CST course they qualify for in place of it.
- † Recommended: ENG102, ENG119 or ENG121.
- ‡ Recommended: PHL101, PHL104, PHL107, PHL212, foreign language or any 3-credit Visual Arts, MUS or THR course.
- § If Math elective is chosen, must be MAT104 or MAT111 or higher.
- Δ Students planning to transfer to a SUNY four-year institution are advised to take HIS101, HIS102, HIS103 or HIS104.
- ◇ Students enrolled in the online degree program may substitute a 3-credit course, HSC101: Health Concepts, for the two semesters of Physical Education (total of 2 credits). Students choosing HSC101 should enroll in the course during the third semester.
- ¥ In selecting business electives (i.e., any ACC, BUS, MKT, LAW, or 3-credit OFT course), students are advised to choose any two courses from one of the sequences below:
 1. Human Resources Management: BUS127, BUS129
 2. Management Technology: BUS107, BUS121
 3. Marketing: MKT107, MKT201, MKT213, MKT216, MKT218, MKT220, MKT230, RET111, RET115
 4. Entrepreneurship: BUS123
 5. International Business: BUS141, BUS143, MKT220
 6. Business Law: LAW101, LAW103, LAW212, LAW251
 7. Economics: ECO111 recommended for those planning on transferring to a four-year institution; plus, any one of the above courses.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION	
Business and Accounting	39.5-40.5 credits
Humanities	12 credits

Social Sciences	6 credits
Mathematics/Science	6-7 credits
Physical Education or Health (online curriculum only)	2 credits .3 credits

BUSINESS ADMINISTRATION / A.S. DEGREE

Ammerman - Eastern - Grant / BUAS-AS Hegis Code - 5004

This two-year program is designed for students interested in business careers who plan to continue their studies toward a baccalaureate degree in business at a four-year college or university after completing their associate degree. The program offers a challenging and well-balanced distribution of business and liberal arts courses, specifically selected to meet the requirements of transfer institutions.

Students who plan to enter employment immediately after graduation (rather than transfer) are advised to select the A.A.S. program in Business Administration, which allows a greater range of courses in applied business areas.

Admission Procedures and Requirements

Admission to the A.S. curriculum in Business Administration for entering students requires a minimum 80 average in high school and three years of mathematics through Algebra 2/Trig or equivalent. Applicants desiring this degree who do not have the above qualifications or who are transferring from a different degree program must receive permission from the Business Administration Department or an appropriate business administrator. Students who do not meet the admission criteria may be admitted on a provisional basis.

Continuing college students must have completed MAT111. Applications are processed on a rolling basis fall and spring, with most students meeting minimum standards being admitted.

FIRST YEAR: 35.5 credits

Credits

- ♦ ACC101: Principles of Accounting I and ACC102: Principles of Accounting II 8
- ♦ BUS115: College/Workplace Skills Seminar 1.5
- *♦ Business Elective 3
- COM101: Introduction to Human Communication or
COM105: Public Speaking 3
- ECO111: Macroeconomics: The National Economy and ECO112: Microeconomics: Prices and Markets 6
- ENG101: Standard Freshman Composition and ENG102: Introduction to Literature..... 6
- ** History Elective 3
- MAT121: Finite Mathematics 3
- Physical Education (2 courses)..... 2

SECOND YEAR: 34-35 credits

- ♦ BUS112: Computing for Business or CST101: Introduction to Computing 4
- ♦ BUS201: Management Principles and Practices..... 3
- ♦ BUS208: Case Studies in Business Administration..... 1
- *♦ Business Elective 3
- † Humanities Elective..... 3
- Laboratory Science Elective 4
- ♦ LAW111: Business Law I..... 3
- ♦ MKT101: Marketing..... 3
- ‡ Mathematics or Laboratory Science Elective 3-4
- MAT131: Calculus for Non-Science Majors or MAT141: Calculus with Analytic Geometry I 4
- *** Social Sciences Elective 3

TOTAL CREDITS REQUIRED: 69.5-70.5

* To be selected from BUS101, BUS117, BUS127, BUS129, BUS141, LAW212, LAW251, MKT230, ACC201, ACC202, ACC214.

** To be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120. Strongly recommended: HIS101 or HIS102.

*** To be selected from SOC101, PSY101, HIS101, HIS102, HIS103, HIS104, POL103, POL105, ANT101, ECO202. *Students planning to transfer to a SUNY four-year institution are strongly advised to use their social sciences elective to select a course that fulfills the SUNY General Education Requirement for either American History, Western Civilization or Other World Civilizations.*

+ To be selected from PHL101, PHL105, PHL107, PHL212, ENG201, any ENG literature course, COM105, COM131, foreign languages, ART101, ART111, ART112, MUS101, MUS206, MUS210, THR101, THR105. *Students planning to transfer to a SUNY four-year institution are strongly advised to use their humanities elective to select a course that fulfills the SUNY General Education Requirement for either Foreign Language or The Arts.*

‡ If math elective is chosen, it must be MAT103, MAT104 or any MAT course above MAT121. Most students should select MAT124 as their

mathematics/science elective, as it is the prerequisite for MAT131, unless a high school equivalent to MAT124 was taken.

- ◆ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for detailed information on selection of elective courses.* 2) *See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION

Business and Accounting	25.5-29.5 credits
Computer Science	0-4 credits
Humanities	12 credits
Social Sciences	12 credits
Mathematics/Laboratory Science	14-15 credits
Physical Education . . . . .	.2 credits

BUSINESS MANAGEMENT / CERTIFICATE

Ammerman - Eastern - Grant / BUMG-CERT

Hegis Code - 5004

This program is designed primarily for the individual who currently holds a middle management position in business and who has had little or no college-level education in related subject areas. The program is also useful to those individuals who aspire to managerial positions and wish to acquire some of the essential qualifications through formal study.

REQUIRED COURSES

	<i>Credits</i>
◆ ACC101: Principles of Accounting I	4
◆ BUS101: Introduction to Business	3
◆ BUS107: Business Mathematics	3
◆ BUS109: Supervision: Concepts and Practices	3
◆ BUS115: College/Workplace Skills Seminar	1.5
◆ BUS123: Entrepreneurship	3
◆ BUS129: Human Resources Management	3
COM101: Introduction to Human Communication	3
ECO101: Current Economic Issues	3

ENG101: Standard Freshman Composition	3
◆ MKT101: Marketing	3

TOTAL CREDITS REQUIRED: 32.5

- ◆ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Business and Accounting	23.5 credits
Humanities . . . . .	.6 credits
Economics . . . . .	.3 credits

BUSINESS: MARKETING / A.A.S. DEGREE

Grant / BUMK-AAS Hegis Code - 5004

The marketing curriculum is planned to prepare students for entry-level employment in marketing-related, promotional and distributive activities. Specialized market research, advertising and salesmanship courses are supplemented by liberal arts and general education courses carefully selected for their applicability to the field of marketing.

FIRST YEAR: 36.5-37.5 credits *Credits*

- ♦ ACC101: Principles of Accounting I 4
- ♦ ACC102: Principles of Accounting II
or ACC115: Managerial
Accounting 3-4
- ♦ BUS101: Introduction to Business 3
- ♦ BUS115: College / Workplace
Skills Seminar 1.5
- ♦ BUS201: Management Principles
and Practices 3
- ECO111: Macroeconomics: The
National Economy and
ECO112: Microeconomics:
Prices and Markets 6
- ENG101: Standard Freshman
Composition 3
- ENG201: Advanced Expository
Writing 3
- ♦ LAW111: Business Law I
and LAW212: Business Law II 6
- ♦ MKT101: Marketing 3
- Physical Education 1

SECOND YEAR: 34-35 credits

- ♦ BUS117: Business Communications 3
- COM101: Introduction to Human
Communication or COM131:
Theories of Persuasion 3
- CST Elective 3-4
- *♦ Elective (see recommended listing below) . . . 3
- MAT103: Statistics I and
MAT104: Statistics II 6
- ♦ MKT201: Cases in Marketing
Management 3
- ♦ MKT213: Advertising 3
- ♦ MKT216: Principles of Sales or
RET111: Retailing Principles 3
- ♦ MKT218: Marketing Research 3
- Physical Education 1
- ** Social Sciences Elective
(see recommended listing below) 3

TOTAL CREDITS REQUIRED: 70.5-72.5

* Recommended elective: ACC115, BUS123, BUS141, MKT107, RET111

** Recommended Social Sciences elective: SOC101, PSY101, PSY216, ANT101, HIS104

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Business and Accounting	41.5-42.5 credits
Computer Science	3-4 credits
Humanities . . . . .	.9 credits
Social Sciences . . . . .	.9 credits
Mathematics . . . . .	.6 credits
Physical Education . . . . .	.2 credits

BUSINESS: OFFICE MANAGEMENT / A.A.S. DEGREE

Ammerman - Eastern - Grant / BUOM-AAS

Hegis Code - 5004

This program is designed for students who wish to prepare for careers in office management. Students will study the most modern office technologies, as well as the traditional and necessary basic office skills. Management and other business-related courses are complemented by a strong liberal arts component to prepare students for positions of a managerial or supervisory nature. Although the program is career-oriented, it provides a sound basis for transfer; students should consult with the transfer institution since transfer credit is determined by the four-year college.

FIRST YEAR: 35.5 credits

Credits

- ♦ ACC101: Principles of Accounting I 4
- ♦ BUS112: Computing for Business
or CST101: Introduction to
Computing 4
- ♦ BUS115: College/Workplace
Skills Seminar 1.5
- ENG101: Standard Freshman
Composition 3
- ENG119: The Structure of English
or ENG201: Advanced
Expository Writing 3
- COM101: Introduction to Human
Communication 3
- ♦ Business Electives (2 courses). 6
Economics Elective
(choice of ECO101, ECO111,
ECO112). 3
- Physical Education (2 courses) 2
- *♦ OFT102: Keyboarding and
Document Preparation I 3
- *♦ OFT103: Keyboarding and
Document Preparation II 3

SECOND YEAR: 27-28 credits

- ♦ BUS109: Supervision: Concepts and
Practices 3
- ♦ BUS117: Business Communications 3
- ♦ BUS121: Office Management 3
- ♦ BUS127: Organizational Behavior 3
- ♦ LAW111: Business Law I 3
- MAT103: Statistics I 3
- ** Mathematics/Science Elective 3-4
- PSY101: Introduction to Psychology 3
- SOC101: Introduction to Sociology 3

TOTAL CREDITS REQUIRED: 62.5-63.5

NOTE: *Not all upper-level courses are currently offered at the Eastern Campus. Eastern Campus business students may be required to complete some courses at the Ammerman Campus.*

* Students must have a keyboarding competency level of OFT103; a three-credit elective may be substituted for OFT102.

** Mathematics/Science course must be chosen from any natural science or any math beyond MAT103.

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Business and Accounting	32.5-33.5 credits
Computer Science	0-4 credits
Humanities . . . . .	.9 credits
Social Sciences . . . . .	.9 credits
Mathematics/Science	6-7 credits
Physical Education	2 credits

BUSINESS: RETAIL BUSINESS MANAGEMENT / A.A.S. DEGREE

Ammerman / BURM-AAS Hegis Code - 5004

This area of business is designed for those who wish to enter the field of retailing. Graduates can pursue positions such as sales executives, department heads, managers, buyers and others.

Graduates may transfer to a four-year institution to pursue the baccalaureate degree in business administration or may enter the business world directly upon graduation. The program also serves the needs of people presently in business who wish to engage in continued study.

FIRST SEMESTER: 16.5 credits *Credits*

- ♦ ACC101: Principles of Accounting I 4
- ♦ BUS101: Introduction to Business 3
- ♦ BUS115: College/Workplace Skills Seminar 1.5
- ENG101: Standard Freshman Composition 3
- * OFT101: Basic Keyboarding 1
- ♦ RET111: Retail Principles 3
- Physical Education 1

SECOND SEMESTER: 16-17 credits

- ♦ BUS107: Business Mathematics or Accounting Elective 3-4
- ♦ BUS112: Computing for Business Communications Elective 3
- English Elective 3
- ♦ RET112: Retail Buying and Merchandising 3

THIRD SEMESTER: 16-17 credits

- **♦ LAW107: Law for Business or LAW111: Business Law I 3
- ♦ MKT216: Principles of Sales Physical Education 1
- ♦ RET201: Retail Operations and Management 3
- Science or Mathematics Elective 3-4
- Social Sciences Elective 3

FOURTH SEMESTER: 15-17 credits

- ♦ Business Unrestricted Elective (any ACC, BUS, MKT or RET, LAW, CST, or OFT course of at least three credits) 3-4
- Economics Elective 3
- ♦ MKT213: Advertising 3
- ♦ RET211: Contemporary Issues in Retail Management 3
- Science or Mathematics Elective 3-4

TOTAL CREDITS REQUIRED: 63.5-67.5

* Students are advised to develop basic keyboarding/data entry skills of 20 wpm. Students can accomplish this by taking OFT101 or by taking an OFT101 Challenge Exam. For successful completion of the course or passing the test, students will receive 1 credit.

** Credit will be given for LAW107 or the LAW111 and LAW112 sequence, but not both.

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Business and Accounting	40.5-42.5 credits
Humanities . . . . .	.9 credits
Social Sciences . . . . .	.6 credits
Mathematics/Science	6-8 credits
Physical Education . . . . .	.2 credits

BUSINESS: RETAIL BUSINESS MANAGEMENT / CERTIFICATE

Ammerman / BURM-CERT Hegis Code - 5004

This certificate program is designed for those seeking a position in the field of retailing, as well as those currently employed in a retailing capacity who may need to acquire specific retailing background and skills.

The certificate concept allows the student to accomplish this goal in the shortest passage of time, while providing the student with employable skills.

FIRST SEMESTER: 16.5 credits

Credits

- ♦ BUS101: Introduction to Business 3
- ♦ BUS107: Business Mathematics 3
- ♦ BUS115: College / Workplace Skills Seminar 1.5
- ENG101: Standard Freshman Composition 3
- ♦ MKT216: Principles of Sales 3
- ♦ RET111: Retail Principles 3

SECOND SEMESTER: 16-17 credits

- ♦ BUS112: Computing for Business 4
- ♦ Business Unrestricted Elective (any ACC, BUS, MKT or RET, LAW, CST, or OFT course of at least three credits) 3-4
- Economics Elective 3
- ♦ MKT213: Advertising 3
- ♦ RET112: Retail Buying and Merchandising 3

TOTAL CREDITS REQUIRED: 32.5-33.5

- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

- Business 26.5-27.5 credits
- Humanities3 credits
- Social Sciences3 credits

CHEMICAL DEPENDENCY COUNSELING / A.A.S. DEGREE

Grant / CHDPD-AAS (Day), CHDPE-AAS (Evening)
Hegis Code - 5506

This program prepares students for employment or advancement in the field of chemical dependency counseling. Graduates will have fulfilled all the educational and internship requirements set forth by the New York State Office of Alcohol and Substance Abuse Services (OASAS) and by the International Credentialing Reciprocity Consortium (ICRC) for the Credential in Alcohol and Substance Abuse Counseling (CASAS). In addition to this degree, the individual must complete a work requirement before applying to sit for the credentialing examination.

Students who have either a two-year degree, bachelor's or master's degree from an accredited college will **only** be required to complete the Chemical Dependency (CDC) courses. Upon completion of the Chemical Dependency courses, students are eligible to apply for the Credentialed Alcoholism Substance Abuse Counselor-Trainee (CASAC-T).

For professionals in the CDC field who wish to remain current, all CDC courses meet NYS continuing education requirements for recertification.

A letter certifying successful completion of CDC courses is available from the program coordinator for students who do not wish to complete an A.A.S. degree.

Students considering transfer to four-year institutions should consult with those colleges because transfer credit is determined by the four-year college.

Admission Procedures and Requirements

It is the expectation of this program that all students will respect the unique character of the counseling relationship and as such will reflect seriously upon the way abuse of alcohol and mood-altering drugs would likely affect the quality of professional services offered to chemically dependent clients. Prospective students who have an addiction should achieve at least two years of recovery before being admitted to the CDC program. Professional standards of conduct and adherence to the ethical principles outlined by OASAS will be required of all admitted students for continuance in this program.

Applicants are required to meet with the program coordinator prior to admission to the program. Applicants may request provisional admission to the CDC program prior to the admission interview.

Students are admitted fall and spring on a rolling basis. Most students with minimum credentials are accepted. It is recommended that students apply by January 1.

FIRST SEMESTER: 16.5 credits

Credits

- ♦ CDC111: Chemical Dependency in American Society 3
- COL101: Freshman Seminar 1.5
- ENG101: Standard Freshman Composition 3
- HSC114: Group Dynamics 3
- MAT103: Statistics I 3
- PSY101: Introduction to Psychology 3

SECOND SEMESTER: 18 credits

- * English Elective 3
- +♦ CDC115: Dynamics of Addiction 3
- ♦ CDC120: Chemically Dependent Family Systems 3
- ** Communications Elective 3
- PSY210: Lifespan Development or PSY215: Abnormal Psychology 3
- SOC101: Introduction to Sociology 3

THIRD SEMESTER: 17 credits

- ♦ CDC225: Criminal Justice System and Chemical Dependency 3
- ♦ CDC230: Professional Documentation: Data Collection, Assessment, Treatment Planning 3
- ♦ CDC235: Techniques for Counseling the Chemically Dependent Client 3
- ‡ Laboratory Science Elective 4
- Physical Education 1
- SOC203: Marriage and the Family 3

FOURTH SEMESTER: 17 credits

- ♦ CDC240: Chemical Dependency Education and Prevention 3
- ♦ CDC246: Advanced Techniques for Counseling the Chemically Dependent Client 3
- ♦ CDC250: Habilitation and Rehabilitation of the Chemically Dependent Client 3
- ♦ CDC255: Field Practicum or Cooperative Education in Chemical Dependency Counseling 7
- Physical Education 1

TOTAL CREDITS REQUIRED: 68.5

SEQUENCE OF COURSES: The above model is a two-year course schedule for students meeting all the program requirements and deciding to pursue full-time study. Those students requiring preparatory courses or those deciding to pursue part-time study should consult their faculty advisor for an appropriate sequence of courses. See suggested part-time sequence below.

Suggested Part-time Sequence - Day or Evening (four years)**FIRST SEMESTER: 6 credits***Credits*

- ♦ CDC111: Chemical Dependency in American Society 3
- ENG101: Standard Freshman Composition 3

SECOND SEMESTER: 9 credits

- +♦ CDC115: Dynamics of Addiction 3
- ♦ CDC120: Chemically Dependent Family Systems 3
- PSY101: Introduction to Psychology 3

THIRD SEMESTER: 9 credits

- ♦ CDC225: Criminal Justice System and Chemical Dependency 3
- HSC114: Group Dynamics 3
- MAT103: Statistics I 3

FOURTH SEMESTER: 9 credits

- ♦ CDC240: Chemical Dependency Education and Prevention 3
- ** Communications Elective 3
- SOC101: Introduction to Sociology 3

FIFTH SEMESTER: 9 credits

- ♦ CDC230: Professional Documentation: Data Collection, Assessment, Treatment Planning 3
- PSY210: Lifespan Development or PSY215: Abnormal Psychology 3
- SOC203: Marriage and the Family 3

SIXTH SEMESTER: 7 credits

- ♦ CDC250: Habilitation and Rehabilitation of the Chemically Dependent Client 3
- ‡ Laboratory Science Elective 4

SEVENTH SEMESTER: 6 credits

- ♦ CDC235: Techniques for Counseling the Chemically Dependent Client 3
- * English Elective 3

EIGHTH SEMESTER: 10 credits

- ♦ CDC246: Advanced Techniques for Counseling the Chemically Dependent Client 3
- ♦ CDC255: Field Practicum or Cooperative Education in Chemical Dependency Counseling 7

TOTAL CREDITS REQUIRED: 65

* ENG201 is recommended.

** COM101, COM102, COM105 or COM202 are highly recommended.

† Part-time students should take CDC115 after CDC111.

‡ Must be taken from biology or chemistry.

♦ These courses constitute the major courses in this curriculum.

NOTES: 1) CDC111 is prerequisite to all CDC courses. 2) See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION

- Chemical Dependency Counseling 34 credits
- Health Careers 3 credits
- Social Sciences 12 credits
- Mathematics/Science 7 credits
- English 6 credits
- Communications 3 credits
- Freshman Seminar (full-time only) 1.5 credits
- Physical Education (full-time only) 2 credits

COMMUNICATION STUDIES / A.A. DEGREE

Ammerman - Eastern - Grant / COST-AA Hegis Code - 5606

This A.A. degree program is designed for students who wish to transfer to a four-year college to study speech communication, communication arts, performance studies or rhetoric. This program offers a broad based curriculum of core liberal arts requirements with special emphasis on theoretical and applied coursework in oral communication.

Communication is the study of how people use messages to generate meanings within and across various contexts, cultures, channels and media. The A.A. degree in Communication Studies provides students with education in the theory, history, ethics and practice of communication and prepares them for transfer to baccalaureate programs that ultimately lead to careers and leadership in a wide variety of professions depending upon the student's specific interests.

FIRST SEMESTER: 16.5 credits Credits

- COL101: Freshman Seminar 1.5
- ♦ COM101: Introduction to Human Communication or
COM105: Public Speaking 3
- ENG101: Standard Freshman Composition 3
- * Foreign Language Elective 3
- HIS101: Western Civilization I or HIS102: Western Civilization II 3
- ** Philosophy Elective 3

SECOND SEMESTER: 16-17 credits

- ♦ COM102: Interpersonal Communication or COM107: Small Group Communication 3
- ♦ ENG102: Introduction to Literature 3
- * Foreign Language Elective 3
- † Mathematics Elective 3-4
- Physical Education 1
- PSY101: Introduction to Psychology or SOC101: Introduction to Sociology 3

THIRD SEMESTER: 17 credits

- ‡ American History Elective 3
- *** ART / MUS / THR Elective 3
- ♦ Communication Elective 3
- § English Elective 3
- Δ Laboratory Science Elective 4
- Physical Education 1

FOURTH SEMESTER: 16 credits

- ** COM131: Theories of Persuasion or COM201: Introduction to Communication Theory or COM206: Advanced Interpersonal Communication 3
- ♦ Communication Elective 3
- Ω Humanities Elective 3
- Δ † Mathematics / Laboratory Science Elective 3-4
- ∞ Non-Western Social Science Elective 3

TOTAL CREDITS REQUIRED: 64.5-66.5

- * Students are required to complete two semesters of a foreign language in a sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements, as follows, Elementary I and II OR Elementary II / Intermediate I OR Intermediate I / Intermediate II OR Intermediate II / any advanced level course.
- ** Students may choose from the following Philosophy electives: PHL101, PHL104, PHL105, PHL107, PHL111, PHL211, PHL215
- † Students may choose any from MAT103, MAT124 or higher to fulfill the Mathematics elective.
- ‡ Students may choose from HIS103, HIS104, POL105 to fulfill the American History elective.
- *** One course to be selected from the following: ART101, ART111, ART112, ART113, ART114, ART124, ART130, ART133, ART135, ART141, ART155, ART161, ART171, ART181, ART202, ART209, ART210, MUS101, MUS103, MUS105, MUS117, MUS120, MUS122, MUS123, MUS131, MUS132, MUS133, MUS134, MUS135, MUS206, MUS210, THR101, THR105, THR131, THR211, THR212. (MUS131-135 can be used only if they add up to four credits.)
- ♦ Students may choose from the following to fulfill their Communication electives: COM105, COM107, COM111, COM121, COM131, COM133, COM201, COM202, COM204, COM206.
- § Any three credit English course above ENG102. Recommended: ENG121, ENG130, ENG131, ENG170, ENG201.
- Δ Students may choose from AST101, AST102, AST103, BIO101, BIO103, BIO105, BIO111, BIO118, BIO130, CHE100, CHE120, CHE122, CHE133, CHE250, ESC101, ESC102, ESC124, MAR105, MAR111, MET101, MET102, PHY101, PHY102 to fulfill the Laboratory Science elective.
- Ω Students may choose one course from the following to fulfill the Humanities elective: ENG212, HUM116, HUM249, PHL111.
- ∞ Students may choose a social science elective that deals with other world civilizations from the following: ANT101, ANT105, ANT203, ANT205, ANT211, GEO101, GEO102, GEO103, HIS107, HIS118, HIS119, HIS120, POL107.

- ♦ These courses constitute the major courses in this curriculum.

NOTES: 1) Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for detailed information on selection of elective courses. 2) See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION

Communication	15 credits
English	9 credits
Foreign Language	.6 credits
Humanities	9 credits
Mathematics/Science	10-12 credits
Social Sciences	12 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

COMMUNICATIONS AND MEDIA ARTS: JOURNALISM / A.A. DEGREE

Ammerman / COMA-AA Hegis Code - 5008

This A.A. degree program is designed for students who wish to transfer to a four-year college to pursue careers in journalism, magazine writing, public relations or writing for trade and Web publications.

The curriculum emphasizes a core of journalism courses with a background of liberal arts courses designed for transfer. The student will be trained in the basic principles and practices of journalism and will be given an opportunity to write for and participate in the production of the student newspaper as well as the *College Reporter* blog.

The program contains a selection of liberal arts courses – social science, humanities, math and science – to gain a wide range of knowledge useful for writing in the field. It also contains the opportunity for practical journalistic experience, preparing students for eventual employment on newspapers, magazines, websites, or in public relation agencies.

The journalism curriculum gives students a basic background in the discipline in preparation for selecting journalism as a major at a four-year college or university. Students should check with their academic advisors of the CMA-Journalism program for transfer information, articulation agreements with four-year colleges, and information about employment opportunities in the field.

FIRST SEMESTER: 17.5 credits Credits

COL101: Freshman Seminar	1.5
COM101: Introduction to Human Communication or	
COM105: Public Speaking	3
♦ ENG101: Standard Freshman Composition	3
*♦ ENG170: Introduction to Journalism	3
HIS101: Western Civilization I or IND101: Civilization: The Human Experience I	3
SOC101: Introduction to Sociology	3
Physical Education	1

SECOND SEMESTER: 16-17 credits

♦ ENG102: Introduction to Literature	3
** ENG171: Intermediate News and Feature Writing	3
♦ ENG207: Mass Media	3
HIS102: Western Civilization II or IND102: Civilization: The Human Experience II	3
† Mathematics Elective	3-4
Physical Education	1

THIRD SEMESTER: 16 credits

‡♦ ENG172: Magazine Writing and Public Relations	3
♦ ENG174: Contemporary Non-Fiction Journalism	3
**♦ ENG200: Editing and Design	3
RTV101: Introduction to Broadcasting or	
RTV102: Issues in Broadcasting	3
Laboratory Science Elective	4

FOURTH SEMESTER: 15 credits

♦ ENG175: Journalism Practicum	3
§ Humanities Elective	3
MKT213: Advertising	3
◇ Social Sciences Elective	3
Unrestricted Elective	3

TOTAL CREDITS REQUIRED: 64.5-65.5

- * ENG101 is a corequisite of ENG170 and should be taken at the same time.
- ** ENG171 is offered only in the spring semester.
- † Students may choose any college-level math course they are qualified to take. MAT101, MAT102 and MAT103 are recommended.
- ‡ ENG172 is offered only in the fall semester.
- ◇ To be selected from the following courses: ANT101, ANT103, ANT105, ANT203, ANT205, ANT211, GEO101, GEO102, GEO103, HIS118, HIS119, HIS120, POL107.

- § Any humanities course other than English.
 ♦ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for detailed information on selection of elective courses.* 2) *See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION

English	9 credits
Journalism (English)	18 credits
Humanities	6 credits
Social Sciences	12 credits
Mathematics/Science	7-8 credits
Business	3 credits
Radio and Television Production	3 credits
Unrestricted	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

COMPUTER ART / A.A.S. DEGREE

Eastern / COAR-AAS Hegis Code - 5012

Recent and rapid advances in computing have broadly expanded the opportunities for image-making in the visual arts. The Computer Art curriculum builds upon traditional studio skills developed in foundation drawing and design courses and branches into electronically-based media such as drawing, 3D modeling, animation, digital characters, digital video, and multimedia production. This curriculum prepares students for careers in computer-generated image-making art, information and entertainment fields, as well as for transfer into baccalaureate computer-based visual arts programs.

108

FIRST SEMESTER: 17.5 credits

	Credits
♦ ART116: Adobe Photoshop	3
♦ ART130: 2D Design	3
♦ ART133: Drawing I	3
ENG101: Standard Freshman Composition	3
♦ GRD102: Adobe InDesign	3
♦ GRD105: Digital Design Freshman Seminar	1.5
Physical Education	1

SECOND SEMESTER: 16-17 credits

♦ ART115: Adobe Illustrator	3
♦ ART120 Color Theory and Electronic Application	2
CST112: Introduction to Programming	4
ENG102: Introduction to Literature	3
Mathematics Elective	3-4
Physical Education	1

THIRD SEMESTER: 18 credits

♦ ART112: Art History II or ART113: Modern Art	3
♦ ART125: 3D Modeling and Design	3
♦ ART134: Drawing II	3
♦ ART221: Digital Character Development	3
* COM101: Introduction to Human Communications or COM105: Public Speaking or HUM121: Developing Creative Imagination in the Arts	3
History Elective	3

FOURTH SEMESTER: 17 credits

♦ ART135: Life Drawing I	3
♦ ART222: Computer Game Development	3
♦ ART223: Intermediate 3D Modeling and Design	3
♦ ART229: Computer Art Portfolio Assessment	1
Laboratory Science Elective	4
Social Sciences Elective	3

TOTAL CREDITS REQUIRED: 68.5-69.5

- * COM101 or COM105 is recommended for students transferring to a four-year institution.
 ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Computer Art	21 credits
Graphic Design/Visual Arts	18 credits
Humanities	9 credits
Computer Science	4 credits
Social Sciences	6 credits
Mathematics/Science	7-8 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

COMPUTER SCIENCE / A.S. DEGREE

Ammerman / COSC-AS Hegis Code - 5101

This curriculum builds the solid theoretical and mathematical foundation needed to pursue advanced studies in computer and information sciences. The program is designed for students who intend to continue their studies at a four-year college. Students may explore such topics as programming, computer architecture, operating systems, analysis and development of data structures, algorithms, and computational methods. This is supported by relevant science, mathematics and general education courses. Electives, which should be chosen in consultation with computer science faculty advisors, provide students the opportunity to plan programs that meet their needs.

Computer scientists work in a wide variety of special areas. Some students also use computer science as a basis for other careers, such as medicine and law.

For entering students, minimum requirements for admission are a 75 high school average, Pre-calculus and two years of high school science or college equivalents. Students already enrolled in college must have completed MAT124 or equivalent with a C or higher and have an overall grade point average of at least 2.5. Students are admitted on a rolling basis, fall and spring. Note that students who do not meet the minimum admissions criteria may be admitted on a provisional basis.

NOTES: *Students planning on transferring to SUNY at Stony Brook for computer science must apply for joint admission prior to the completion of 24 college credits. Contact the Admissions Office for an application.*

FIRST SEMESTER: 17.5 credits Credits

COL101: Freshman Seminar	1.5
♦ CST111: Introduction to Computer Science and Information Technology	4
♦ CST112: Introduction to Programming	4
ENG101: Standard Freshman Composition	3
MAT141: Calculus with Analytic Geometry I	4
Physical Education	1

SECOND SEMESTER: 17 credits

♦ CST141: Principles of Computing using Java	4
ENG102: Introduction to Literature	3
* History Elective	3
† Humanities Elective	3
MAT142: Calculus with Analytic Geometry II	4

THIRD SEMESTER: 17 credits

♦ CST222: Computer Architecture	4
♦ CST242: Advanced Programming and Problem Solving with Java	4
‡ Laboratory Science Elective	4
MAT205: Discrete Mathematics	4
Physical Education	1

FOURTH SEMESTER: 14 credits

♦ CST246: Data Structures	4
† Humanities Elective	3
‡ Laboratory Science Elective	4
§ Social Sciences Elective	3

TOTAL CREDITS REQUIRED: 65.5

* To be selected from HIS101, HIS102, HIS103, HIS104, HIS118, HIS119, HIS120.

† Recommended: At least one humanities elective must be chosen from either the arts (visual arts, music, theatre) or foreign language. Students planning to transfer to a SUNY four-year institution are advised to select a course in both areas.

‡ Recommended: PHY130 with PHY132 and PHY230 with PHY232.

§ Students planning to transfer to a SUNY four-year institution are strongly advised to choose as their social sciences elective either American history (if they have already taken Western civilization) or non-Western culture. The American history requirement can be met by HIS103 or HIS104 or POL105; the non-Western culture requirement can be met by ANT101, ANT105, ANT203, ANT205, ANT211, GEO101, GEO102, GEO103, HIS118, HIS119, HIS120 or POL107.

♦ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for detailed information on selection of elective courses.* 2) *See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION

Computer Science/Information Technology	24 credits
English	6 credits
Humanities	6 credits
Social Sciences	6 credits
Mathematics	12 credits
Science	8 credits
Physical Education	2 credits
Freshman Seminar	1.5 credits

CONSTRUCTION TECHNOLOGY - ARCHITECTURAL TECHNOLOGY / A.A.S. DEGREE

Ammerman / CTAT-AAS

Hegis Code - 5304

This career program is designed for students interested in training for technician-level positions with architecture, construction and engineering firms. The program places emphasis on architecture and structures to prepare students for positions such as architectural drafters, estimators, energy auditors, materials testers and construction supervisors.

The curriculum is also adaptable for transfer to many four-year colleges offering a B.S. in Architectural Technology or Construction Engineering Technology. Potential transfer students should consult with the department to decide their selection of courses.

Admission Procedures and Requirements

This program is offered as a four-semester sequence starting every fall; however, by consulting with the department, students can be admitted for the spring semester into a track consisting of five or more semesters.

Entering students should have completed high school mathematics sequence through Algebra 2/Trig or equivalent and qualify for MAT124. Students not qualifying for MAT124 may be admitted to the program while taking MAT111; however, they must complete MAT124 and MAT125 to continue and graduate. Students not qualified for MAT111 may enroll for an extra semester of developmental mathematics along with DRF111, DRF114 and other introductory courses.

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FIRST SEMESTER (fall)**: 18.5 credits

	Lec.	Lab.	Cr.
COL101: Freshman Seminar	1.5	-	1.5
♦ COT110: Surveying I	2	3	3
♦ COT114: Construction Methods	3	-	3
♦ DRF111: Mechanical Drafting	2	3	3
♦ DRF114: AutoCad I	2	3	3
MAT124: Fundamentals of Precalculus I	4	-	4
Physical Education	-	2	1

SECOND SEMESTER (spring): 19 credits

ENG101: Standard Freshman Composition	3	-	3
♦ COT222: Site Planning	2	3	3
♦ COT266: Statics	3	-	3
♦ DRF217: Architectural Drafting: Residential	2	3	3
♦ DRF223: Introduction to 3D Modeling, Rendering and Animation	2	3	3
MAT125: Fundamentals of Precalculus II	4	-	4

THIRD SEMESTER (fall): 17 credits

♦ COT233: Strength of Materials	2	3	3
♦ COT238: Construction Estimating	2	2	3
♦ COT239: Construction Scheduling	3	-	3
♦ DRF218: Architectural Drafting: Presentations	2	3	3
PHY101: College Physics I	3	3	4
Physical Education	-	2	1

FOURTH SEMESTER (spring): 18 credits

♦ COT243: Codes and Contracts	3	-	3
♦ COT246: Structural Steel and Reinforced Concrete Design	2	2	3
♦ DRF219: Architectural Drafting: Structural	2	3	3
English Elective	3	-	3
* Humanities Elective	3	-	3
Social Sciences Elective	3	-	3

TOTAL CREDITS REQUIRED: 72.5

* Students intending to pursue a 4- or 5-year bachelor's degree in architecture or architectural technology are advised to select ART133 or ART210 as their humanities elective.

** Students who matriculate in January may require more than four semesters to complete the program.

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Technology . . . . .	.45 credits
English . . . . .	.6 credits
Humanities . . . . .	.3 credits
Social Sciences . . . . .	.3 credits
Mathematics . . . . .	.8 credits
Physics . . . . .	.4 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

Curricula

CRIMINAL JUSTICE / A.S. DEGREE

Ammerman - Eastern - Grant / CRJU-AS Hegis Code - 5505

The Criminal Justice A.S. degree program is designed to provide students with a challenging course of study that is consistent with the academic expectations of four-year colleges and universities and with the rigorous requirements of today's job market in the field of law enforcement. At the same time, it has sufficient flexibility to allow students to tailor the curriculum to fit their needs and to achieve their career objectives.

Admission Procedures and Requirements

Entering students must have a minimum high school average of 75. Students already enrolled in college must have completed 12 credits with a 2.5 GPA, including a minimum grade of C+ in ENG101 and CRJ101. Students are admitted on a rolling basis with most students meeting minimum standards being accepted.

FIRST SEMESTER: 17.5-18.5 credits	<i>Credits</i>
COL101: Freshman Seminar	1.5
♦ CRJ101: Introduction to Criminal Justice	3
♦ CRJ103: Substantive Criminal Law	3
CST101: Introduction to Computing	4
ENG101: Standard Freshman Composition	3
* Mathematics Elective	3-4
SECOND SEMESTER: 17 credits	
♦ CRJ105: Policing: An Introduction to Law Enforcement	3
♦ CRJ107: Evidence and Procedural Law	3
ENG102: Introduction to Literature	3
Laboratory Science Elective	4
PSY101: Introduction to Psychology	3
Physical Education	1
THIRD SEMESTER: 16 credits	
COM102: Interpersonal Communication	3
♦ CRJ109: Introduction to Corrections	3
♦ Criminal Justice Elective	3
Humanities Elective	3
Physical Education	1
SOC101: Introduction to Sociology	3
FOURTH SEMESTER: 16 credits	
♦ CRJ209: Criminal Justice Capstone Course	1
♦ Criminal Justice Elective	3
♦ Criminal Justice Elective	3
HIS103: Foundations of American History or HIS104: Modern American History	3
POL103: State and Local Politics and Government or POL105: American National Politics and Government	3
** Restricted Elective	3
TOTAL CREDITS: 66.5-67.5	

- * MAT103 strongly recommended for transfer.
- ** This elective should have a global perspective or focus on non-Western cultures. The course should be selected from the following: ANT101, ANT103, ANT205, ANT211, GEO101, GEO102, GEO103, HIS118, HIS119, HIS120, POL107, ENG212 or PHL111.
- ♦ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for detailed information on selection of elective courses.* 2) *See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION	
Criminal Justice	25 credits
English	6 credits
Social Sciences	12 credits
Mathematics	3-4 credits
Laboratory Science	4 credits
Humanities	3 credits
Computer Science/ Information Technology	4 credits
Communications	3 credits
Restricted Electives	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

CRIMINAL JUSTICE: POLICE ADMINISTRATION/ CERTIFICATE PROGRAM

CJPA-CERT

Suffolk County Police Academy at Suffolk County Community College

Hegis Code - 5505

This certificate program is OPEN ONLY TO TRAINEES OF THE SUFFOLK COUNTY POLICE ACADEMY AT SUFFOLK COUNTY COMMUNITY COLLEGE. The College will award college credit based on the State University of New York Guide to Educational Programs in Non-Collegiate Organizations for work undertaken at the academy. Upon completion, students will receive a Police Administration Certificate and may opt to continue their education by enrolling in the A.S. degree program in Criminal Justice.

REQUIRED COURSES: 35.5 credits *Credits*

COL101: Freshman Seminar	1.5
ENG101: Standard Freshman Composition	3
OFT101: Basic Keyboarding	1
♦ POA110: The Administration of Criminal Justice	3
♦ POA113: Physical Education and Defensive Tactics	3
♦ POA115: Patrol Functions and Procedures	3
♦ POA121: Criminal Investigations	3
♦ POA122: First Aid-CPR	3
♦ POA131: Criminal Law and Procedure	6
♦ POA155: Community Relations for Police	3
♦ POA191: Criminal Justice Internship	6
♦ These courses constitute the major courses in this curriculum.	

REQUIRED CREDIT DISTRIBUTION:

English	3 credits
Police Administration	30 credits
Office Technologies	1 credit
Freshman Seminar	1.5 credits

NEEDED TO COMPLETE A.S. degree

(curriculum code CJPA-AS):

35-36 credits

COM102: Interpersonal Communication	3
CST101: Introduction to Computing	4
ENG102: Introduction to Literature	3
HIS103: Foundations of American History or HIS104: Modern American History	3
Humanities Elective	3
Laboratory Science Elective	4
Mathematics Elective	3-4
POL103: State and Local Politics and Government or POL105: American National Politics and Government	3
PSY101: Introduction to Psychology	3
Restricted Elective (should have a global perspective or focus on non-Western cultures, to be selected from ANT101, ANT103, ANT105, ANT205, ANT211, GEO101, GEO102, GEO103, HIS118, HIS119, HIS120, POL107, ENG212 or PHL111	3
SOC101: Introduction to Sociology	3
35.5 credits required for Police Academy Certificate	
35-36 additional credits required for Criminal Justice/A.S. Degree	

TOTAL CREDITS: 70.5-71.5

CULINARY ARTS / A.A.S. DEGREE

Eastern / CUBP-AAS, CURM-AAS

Hegis Code - 5404

The Culinary Arts Curriculum is designed for students with a career interest in culinary, restaurant management, baking and pastry management, and the lodging and resort industries. These fields represent a wide range of businesses from intimate fine dining restaurants to world-wide food service corporations, from bakeries to corporate pastry chefs, from small country inns to multinational chains of hotels and resorts.

The Culinary Arts curriculum will prepare students to enter the workforce or continue their education by transferring to bachelor degree programs. Each degree option is balanced between career-specific courses, business courses and liberal arts courses. To supplement their skill development, students will participate in a 200-hour internship program.

Baking and Pastry Arts Option

FIRST SEMESTER: 15.5 credits

- ACC101: Principles of Accounting I 4
- ♦ CUL101: Hospitality Freshman Seminar 1.5
- ♦ CUL111: Sanitation 3
- ♦ CUL115: Baking and Pastry Arts I 4
- ENG101: Standard Freshman Composition 3

SECOND SEMESTER: 16-17 CREDITS

- ♦ CUL112: Hospitality Cost Controls 4
- ♦ CUL217: Baking and Pastry Arts II 3
- ENG102: Introduction to Literature 3
- Mathematics Elective 3-4
- PSY101: Introduction to Psychology 3

SUMMER SEMESTER: 4 CREDITS

- **♦ CUL240: Internship / Co-op 4

THIRD SEMESTER: 18 CREDITS

- CHE100: General Chemistry 4
- ♦ CUL116: Dining Room Management 3
- ♦ CUL132: Hospitality Supervision 3
- *♦ CUL218: Baking and Pastry Arts III 4
- Foreign Language 3
- Physical Education 1

FOURTH SEMESTER: 16.0 CREDITS

- ♦ CUL113: Wine and Beverage Management . . 3
- ♦ CUL120: Hospitality Marketing 3
- ‡♦ CUL250: Hospitality Capstone Course 2
- ♦ CUL219: Advanced Pastry Arts IV 4
- Physical Education 1
- Social Science Elective 3

TOTAL CREDITS REQUIRED: 69.5-70.5

- ♦ These courses constitute the major courses in this curriculum.

Restaurant Management Option

FIRST SEMESTER: 15.5 credits

- ACC101: Principles of Accounting I 4
- ♦ CUL101: Hospitality Freshman Seminar . . 1.5
- ♦ CUL111: Sanitation 3
- ♦ CUL114: Culinary Arts I 4
- ENG101: Standard Freshman Composition 3

SECOND SEMESTER: 16-17 credits

- ♦ CUL112: Hospitality Cost Controls 4
- ♦ CUL113: Wine and Beverage Management . . 3
- ENG102: Introduction to Literature 3
- Mathematics Elective 3-4
- PSY101: Introduction to Psychology 3

SUMMER SEMESTER: 4 credits

- ♦ CUL240: Internship / Co-op 4

THIRD SEMESTER: 18 credits

- CHE100: General Chemistry 4
- ♦ CUL115: Baking and Pastry Arts I 4
- ♦ CUL116: Dining Room Management 3
- ♦ CUL132: Hospitality Supervision 3
- Foreign Language 3
- Physical Education 1

FOURTH SEMESTER: 16.0 credits

- ♦ CUL120: Hospitality Marketing 3
- ♦ Culinary Arts Special Projects:
 - CUL211: American Regional Cuisine 1
 - CUL212: Savory French Cuisine 1
 - CUL213: Exotic Asian Cuisine 1
 - CUL214: Mediterranean Cuisine 1
- ♦ CUL228: Garde Manger 3
- ♦ CUL250: Hospitality Capstone Course 2
- Physical Education 1
- Social Sciences Elective 3

TOTAL CREDITS REQUIRED: 69.5-70.5

- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

- Culinary Arts 41.5 credits
- English/Humanities 9 credits
- Business 4 credits
- Mathematics/Science 7-8 credits
- Social Sciences 6 credits
- Physical Education 2 credits

CULINARY ARTS: BAKING AND PASTRY ARTS / CERTIFICATE

Eastern / CUBP-CERT
Hegis Code - 5404

The Culinary Arts/Baking and Pastry Arts Certificate Program develops entry-level skills for positions and careers involving the baking and pastry arts. Students acquire the knowledge and competencies required for working in bakeries and other establishments where baking and pastry production occur (e.g., restaurants). Full-time students can complete the program in two semesters and a summer session, thereby accelerating entry into employment situations. The program is appropriate for people who already hold post-secondary degrees, for those who are currently employed in the industry and who would benefit from some specialized training, and for those who are interested in acquiring baking and pastry-making skills but who are not interested in pursuing an academic degree in the field.

FIRST SEMESTER: 13 credits *Credits*

- ♦ CUL111: Sanitation. 3
- ♦ CUL115: Baking and Pastry Arts I 4
- ♦ CUL132: Hospitality Supervision. 3
- ♦ CUL217: Baking and Pastry Arts II. 3

SECOND SEMESTER: 12 credits

- ♦ CUL112: Hospitality Cost Controls 4
- ♦ CUL218: Baking and Pastry Arts III 4
- ♦ CUL219: Advanced Pastry Arts IV 4

SUMMER SEMESTER: 4 credits

- ♦ CUL240: Culinary Arts Internship/
Cooperative Education 4

TOTAL CREDITS REQUIRED: 29

- ♦ These courses constitute the major courses in this curriculum

REQUIRED CREDIT DISTRIBUTION:
Culinary Arts 29 credits

114 CULINARY ARTS: RESTAURANT MANAGEMENT / CERTIFICATE

Eastern / CURM-CERT
Hegis Code - 5404

The Culinary Arts/Restaurant Management Certificate Program develops entry-level skills for positions and careers involving the culinary arts and restaurant management. Students acquire the knowledge and competencies required for managerial positions and for career advancement. Full-time students can complete the program in two semesters, thereby accelerating entry into employment situations. The program is appropriate for people who already hold post-secondary degrees, for those who are currently employed in the industry and who would benefit from some specialized training, and for those who are interested in acquiring culinary and restaurant-management skills but who are not interested in pursuing an academic degree in the field.

FIRST SEMESTER: 17 credits *Credits*

- ♦ CUL111: Sanitation. 3
- ♦ CUL114: Culinary Arts I. 4
- ♦ CUL115: Baking and Pastry Arts I 4
- ♦ CUL116: Dining Room Management. 3
- ♦ CUL132: Hospitality Supervision. 3

SECOND SEMESTER: 14 credits

- ♦ CUL112: Hospitality Cost Controls 4
- ♦ CUL113: Wine and Beverage Management. . 3
- ♦ CUL211: American Regional
Cuisine Artistry 1
- ♦ CUL212: Savory French Cuisine 1
- ♦ CUL213: Exotic Asian Cuisine. 1
- ♦ CUL214: Mediterranean Cuisine 1
- ♦ CUL228: Garde Manger 3

TOTAL CREDITS REQUIRED: 31

- ♦ These courses constitute the major courses in this curriculum

REQUIRED CREDIT DISTRIBUTION:
Culinary Arts 31 credits

DIETETIC TECHNICIAN / A.A.S. DEGREE

Eastern / DIET-AAS Hegis Code - 5404

This Dietetic Technician Program is currently granted continuing accreditation by the Accreditation Council for Education in Nutrition and Dietetics (ACEND), 120 South Riverside Plaza, Suite 2000, Chicago, IL 60606-6995, 312/899-0040 ext. 5400. The program of study prepares individuals wishing to work as support personnel for dietitians in both clinical and administrative settings. Courses in the physical and social sciences supplement the specialized Dietetic Technician courses. Field experience assignments require that students travel to a wide variety of hospitals and community agencies throughout Suffolk County. All students enrolled in the Dietetic Technician program, both full and part-time, must meet college health requirements as well as the requirements for food service workers employed in health care facilities. Students are required to take the DTE courses in sequence and must earn a grade of C or better in each DTE course. Those who intend to transfer to a four-year college should seek advisement from the program director. All students, both full- and part-time, are required to purchase accident insurance and professional liability insurance under the College's policy.

FIRST SEMESTER: 16.5 credits	Lec.	Field		Clinical		Cr.
		Lab.	Work Per Week	Hrs Per Week		
BIO105: Survey of the Human Body	3	2	-	-	-	4
COL101: Freshman Seminar	1.5	-	-	-	-	1.5
♦ DTE101: Introduction to Nutrition	3	4	-	-	-	4
♦ DTE103: Nutrition Education for Dietetic Practitioners	3	-	-	-	-	3
ENG101: Standard Freshman Composition	3	-	-	-	-	3
Physical Education	-	2	-	-	-	1
SECOND SEMESTER: 18-19 credits						
CHE100: General Chemistry	3	3	-	-	-	4
♦ DTE121: Introduction to Clinical Nutrition	3	-	-	-	6	5
♦ DTE122: Nutrition through the Life Cycle	3	-	-	-	-	3
English Elective	3	-	-	-	-	3
MAT103: Statistics I	3	-	-	-	-	3
or						
MAT111: Algebra II	4	-	-	-	-	4

THIRD SEMESTER: 17 credits

BUS109: Supervision: Concepts and Practices	3	-	-	-	-	3
♦ DTE201: Introduction to Food Service	3	-	-	-	-	3
♦ DTE205: Advanced Clinical Nutrition	3	-	12	12	12	7
PSY101: Introduction to Psychology	3	-	-	-	-	3
Physical Education	-	2	-	-	-	1

FOURTH SEMESTER: 16 credits

♦ DTE203: Dietetics Seminar	2	-	-	-	-	2
♦ DTE211: Food Service Management	3	-	-	-	-	3
♦ DTE213: Food Service Management Field Experience	1	-	12	-	-	5
Humanities Elective	3	-	-	-	-	3
SOC101: Introduction to Sociology	3	-	-	-	-	3

TOTAL CREDITS REQUIRED: 67.5-68.5

- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Nutrition/Dietetics	35 credits
English . . . . .	.6 credits
Mathematics/Science	11-12 credits
Business . . . . .	.3 credits
Social Sciences . . . . .	.6 credits
Humanities . . . . .	.3 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

DRAFTING (COMPUTER-ASSISTED) / CERTIFICATE

Ammerman / DRFT-CERT

Hegis Code - 5303

This one-year program is intended for students who wish to begin a career in computer-assisted drafting and design, update their existing professional skills or continue on to earn an A.A.S. degree in Construction Technology / Architectural Technology. Emphasis is on CAD drawing for architecture, construction, design illustration and presentation.

The rapid expansion of computer graphics is creating many new and exciting career opportunities. Graduates will be prepared for entry-level positions with architectural offices, construction and engineering firms, communications and manufacturing companies and government agencies.

The program can also serve as a foundation for further studies in related fields such as animation, game design, technical illustration, product design and multimedia communication.

Admission Procedures and Requirements

Students not qualifying for MAT111 may be admitted to the program while taking developmental mathematics.

FIRST SEMESTER (fall)*: 17.5 credits

	<i>Lec.</i>	<i>Lab.</i>	<i>Cr.</i>
COL101: Freshman Seminar . . .	1.5	-	1.5
♦ DRF111: Mechanical Drafting	2	3	3
♦ DRF114: AutoCAD I	2	3	3
ENG101: Standard Freshman Composition	3	-	3
MAT111: Algebra II	4	-	4
Social Sciences Elective	3	-	3

* Students who matriculate in January may require more than two semesters to complete the program.

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Technology . . . . .	.21 credits
English . . . . .	.3 credits
Social Sciences . . . . .	.3 credits
Mathematics . . . . .	.4 credits
Freshman Seminar	1.5 credits

SECOND SEMESTER (spring*): 15 credits

♦ DRF217: Architectural Drafting: Residential	2	3	3
♦ DRF218: Architectural Drafting: Presentations	2	3	3
♦ DRF219: Architectural Drafting: Structural	2	3	3
♦ DRF220: AutoCAD II	2	3	3
♦ DRF223: Introduction to 3D Modeling, Rendering and Animation	2	3	3

TOTAL CREDITS REQUIRED: 32.5

EARLY CHILDHOOD EDUCATION / A.A.S. DEGREE

Ammerman - Eastern - Grant / EACH-AAS Hegis Code - 5503

This curriculum is designed for people who are now working or wish to work with young children. Graduates will be qualified for positions as directors, head teachers or assistants in day care centers, nursery schools and Head Start programs. Graduates are also qualified to be assistants in public and private pre-kindergartens, kindergartens, elementary schools and special education classes. Students who wish to transfer to a four-year college to pursue their New York State teacher certification should be able to transfer most liberal arts credits and some early childhood credits depending on the transfer institution. Students are responsible for checking with transfer institutions of their choice to assure the most successful transfer. Classroom instruction is supplemented by observations and practicums in programs serving young children. The Early Childhood Education program offers both day and evening courses. Students should check both day and evening schedules at each campus for courses offered each semester. Students who have enrolled as Early Childhood Education majors must achieve a minimum grade of C in each Early Childhood Education course in order to continue in the Early Childhood Education program and to qualify for graduation. Students will be permitted to repeat a course only once.

Admission Procedures and Requirements

EDU101 and EDU113 are open to all students and can be taken as electives. Students enrolled in EDU101 during the spring must also take EDU102 or EDU103 (in place of HSC101 if they attend full-time) or they will not be able to complete the Early Childhood Education sequence within the specified time. Admission to the program is limited to the number of field placements available. Practicum courses require that students travel to a wide variety of early childhood programs throughout Suffolk County. Students cannot be employed by the program at which they are placed and must be available during the day. Fingerprint and background checks may be required at the student's expense.

FIRST SEMESTER: 17.5 credits	<i>... Lec.</i>	<i>Lab</i>	<i>Cr.</i>			
COL101: Freshman Seminar . . .	1.5	-	1.5			
COM101: Introduction to Human Communication	3	-	3			
ENG101: Standard Freshman Composition	3	-	3			
*♦ EDU101: Foundations of Early Childhood Education	3	-	3			
HSC101: Health Concepts or HSC112: Safety, First Aid and CPR	3	-	3			
PSY101: Introduction to Psychology	3	-	3			
Physical Education	-	2	1			
SECOND SEMESTER: 16 credits						
*♦ EDU102: Curriculum for the Young Child I	3	-	3			
♦ EDU103: Curriculum for the Young Child II	3	-	3			
English Elective	3	-	3			
PSY203: Child Psychology	3	-	3			
Physical Education	-	2	1			
SOC101: Introduction to Sociology	3	-	3			
THIRD SEMESTER: 15-16 credits						
♦ EDU113: Infants and Toddlers: Programs and Care	3	-	3			
♦ EDU211: Early Childhood Seminar and Practicum	2	3	3			
HSC114: Group Dynamics	3	-	3			
Science or Mathematics Elective	3-4	0-3	3-4			
Unrestricted Elective (1 course) . . .	3	-	3			
FOURTH SEMESTER: 16-17 credits						
♦ EDU221: Early Childhood Seminar and Practicum II	2	6	4			
PSY213: The Exceptional Child . . .	3	-	3			
SOC203: Marriage and the Family	3	-	3			
Science or Mathematics Elective . . .	3-4	0-3	3-4			
Unrestricted Elective (1 course) . . .	3	-	3			
TOTAL CREDITS REQUIRED: 64.5-66.5						
* Students in the Liberal Arts and Sciences: General Studies Curriculum may use EDU101 and EDU113 courses only as unrestricted electives.						
♦ These courses constitute the major courses in this curriculum.						

REQUIRED CREDIT DISTRIBUTION

Early Childhood Education	.19 credits
English	.6 credits
Social Sciences	.12 credits
Communications	.3 credits

Health Careers	.6 credits
Mathematics/Science	6-8 credits
Unrestricted Electives	.6 credits
Freshman Seminar	1.5 credits
Physical Education	.2 credits

EARLY CHILDHOOD EDUCATION / A.S. DEGREE

**Ammerman - Eastern - Grant / ECAS-AS
Hegis Code - 5503**

The Early Childhood Education A.S. program prepares students for the full range of options that are available in the field of early childhood education. Program graduates can transfer to baccalaureate programs that lead to NYS certification (see below) in early childhood education (birth to second grade); they are eligible to acquire NYS teaching assistant certification; and they can seek employment that involves working with young children while pursuing their goal. Graduates will also be eligible to apply for certification as teaching assistants in NYS public school pre-kindergarten, kindergarten, and special education programs.

The curriculum offers foundations in child development, educational philosophy and methods. It also promotes an understanding and appreciation of diversity and professional ethics. Classroom instruction is supplemented by observations and practicums in programs that serve young children. Students enrolled in the program must achieve a minimum grade of C in each early childhood education (EDU) course in order to continue and to qualify for graduation. EDU courses can only be repeated one time.

Students seeking to transfer to a bachelor degree program leading to NYS teacher certification are advised to consult the intended transfer institution to ensure a successful transfer. The program has articulation agreements with Dowling College and Long Island University, Riverhead Campus. Students may be required to have a 2.80 GPA to guarantee matriculation to transfer institutions. The Early Childhood program offers both day and evening courses. Students should check both day and evening schedules at each campus for courses offered each semester.

Admission Procedures and Requirements

Admission for entering students requires a Regent’s Diploma and a minimum high school average of 80. Continuing students who wish to be admitted to the program must have completed ENG101, PSY101 and a math or laboratory science course with a combined GPA of 2.80 or better.

EDU101 is open to all students and can be taken as an elective. Full-time students enrolled in the EDU101 during the Spring semester should also take EDU102 and EDU103 or they will not be able to complete the Early Childhood Education A.S. degree within a two-year sequence.

Admission to the Program is limited to the number of field placements available. A minimum grade of C is required in all major courses to maintain matriculation. Practicum courses require that students travel to a wide variety of early childhood programs throughout Suffolk County. Students cannot be employed by the program at which they are placed and must be available during the day. Fingerprint and background checks may be required at the student’s expenses.

FIRST SEMESTER:

16.5-17.5 credits	<i>Lec.</i>	<i>Lab</i>	<i>Cr.</i>
COL101: Freshman Seminar	1.5	-	1.5
*♦ EDU101: Foundations of Early Childhood Education	3	-	3
ENG101: Standard Freshman Composition	3	-	3
Foreign Language Elective	3	-	3
Mathematics Elective	3-4	-	3-4
PSY101: Introduction to Psychology	3	-	3

SECOND SEMESTER: 16 credits

♦ EDU102: Curriculum for the Young Child I	3	-	3
♦ EDU103: Curriculum for the Young Child II	3	-	3
ENG102: Introduction to Literature	3	-	3
Foreign Language Elective	3	-	3
Physical Education	-	2	1
PSY203: Child Psychology	3	-	3

THIRD SEMESTER: 15 credits		
American History Elective	3	- 3
Art/Music Elective	3	- 3
♦ EDU211: Early Childhood Seminar and Practicum	2	3 3
PSY213: The Exceptional Child	3	- 3
Unrestricted Elective	3	- 3

FOURTH SEMESTER: 15 credits		
♦ EDU221: Early Childhood Seminar and Practicum II.	2	6 4
Laboratory Science Elective	3	2-3 4
Other World Civilization Elective	3	- 3
Physical Education	-	2 1
Social Science Restricted Elective	3	- 3

TOTAL CREDITS REQUIRED: 62.5-63.5

* Students in the Liberal Arts and Sciences: General Studies Curriculum may use this course as unrestricted elective.
 ♦ These courses constitute the major courses in this curriculum.
 Note: See *Transfer Opportunities* on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION	
Early Childhood Education	16 credits
English . . . . .	.6 credits
Social Science	12 credits
Foreign Language . . . . .	.6 credits
History Elective . . . . .	.3 credits
Other World Civilization Elective . . . . .	.3 credits
Mathematics/Science	7-8 credits
Art/Music . . . . .	.3 credits
Unrestricted Elective . . . . .	.3 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

ELECTRICAL TECHNOLOGY - ELECTRONICS / A.A.S. DEGREE

Ammerman / ELTC-AAS Hegis Code - 5310

This program is designed for students who wish to study for technical careers in electronics and related fields. Students are prepared for careers in industry or business as electronic technicians or engineer assistants, or they may adapt their degree for transfer to baccalaureate degree programs.

Emphasis is placed on classroom study and laboratory training in electricity, electronics, microcontrollers, telecommunications and networking. The technical subjects are supplemented with courses in English, mathematics, physics and communication.

Students entering industry or business can find careers as production or lab technicians, engineer assistants, or field-service representatives in the area of communications, computers, control and measurement, medical electronics, consumer and office equipment, and other electronics-related fields.

Students planning to transfer to four-year colleges should consult with the department for their selection of courses. Typical programs to which the A.A.S. degree transfers include the Bachelor of Electrical Technology (B.E.T.) and the Bachelor of Science in Engineering Technology (B.S.E.T.).

Admission Procedures and Requirements

For placement for the FIRST SEMESTER, entering students must have completed Integrated Algebra and Geometry or equivalent in high school and qualify for MAT124; students who enter at the MAT111 level can start in the program, but must complete the MAT124 and MAT125 sequence to graduate.

120

FIRST SEMESTER: 18.5 credits

	Lec.	Lab.	Cr.
COL101: Freshman Seminar	1.5	-	1.5
♦ ELT112: Electricity I	3	2	4
♦ ELT113: Digital Electronics I	3	2	4
♦ ELT115: Technical Problem Solving	-	2	1
ENG101: Standard Freshman Composition	3	-	3
* MAT124: Fundamentals of Precalculus I	4	-	4
Physical Education Elective	-	2	1

SECOND SEMESTER: 18 credits

♦ ELT221: Electronic Applications of Mathematics	2	-	1
♦ ELT222: Electronics I	3	2	4
♦ ELT224: Electricity II	3	2	4
♦ ELT227: Electrical Construction	-	2	1
♦ ELT228: Digital Electronics II	2	2	3
* MAT125: Fundamentals of Precalculus II	4	-	4
Physical Education Elective	-	2	1

THIRD SEMESTER: 17 credits

COM101: Introduction to Human Communication	3	-	3
♦ ELT231: Electricity III	4	-	4
♦ ELT236: Electronics II	2	2	3
♦ ELT238: Digital Electronics III	2	2	3
* PHY101: College Physics I	3	2	4

FOURTH SEMESTER: 19 credits

** English Elective	3	-	3
♦ ELT241: Analogue Communications	2	2	3
♦ ELT242: Data Communications	2	2	3
♦ ELT243: Advanced Electronics	2	2	3
♦ ELT151: CISCO Computer Networking I	3	3	4
Social Sciences Elective	3	-	3

TOTAL CREDITS REQUIRED: 72.5

* Students intending to transfer to baccalaureate programs are advised to take MAT141 and possibly PHY102 before transferring. Transfer students should check with the department for advisement.

** Recommended: ENG121.

♦ These courses constitute the major courses in this curriculum.

Note: See *Transfer Opportunities* on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION

Electrical Technology	45 credits
Mathematics/Science	12 credits
English . . . . .	.6 credits
Humanities . . . . .	.3 credits
Social Science . . . . .	.3 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

Curricula

EMERGENCY MEDICAL TECHNICIAN: PARAMEDIC / A.A.S. DEGREE

Ammerman / PARM-AAS Hegis Code - 5299

This program fulfills the requirements set by state and national agencies for credentialing of the AEMT-IV paramedic. Students will become proficient in the art and science of out-of-hospital medicine with medical direction. The program stresses mastery in advanced-life-support skills, which will be accomplished in college laboratories, affiliated hospitals and advanced- life-support ambulances. Competency in theoretical knowledge and developing the student's professional attitude consistent with the expectations of the public and the profession are also stressed.

High school applicants must have completed the high school mathematics sequence through Algebra2/Trig or equivalent and at least an 80 average in each of the following courses: Algebra2/Trig, Regents Biology and Regents Chemistry. Students must complete BIO130: Anatomy and Physiology I and BIO 132: Anatomy and Physiology II with a grade of C or better to enroll in the Paramedic (PAR) level courses. NYS EMT-Basic or higher certification is required for admission. The student's certification must remain valid for the duration of the program. New York State EMT-Basic is offered every semester in HSC126: Emergency Medical Care I. There is no prerequisite. At their own cost, incoming students must meet and maintain the health requirements of the Paramedic Program which include proof of immunizations, titers, PPD, and an annual physical examination. It is recommended that applicants have at least one year of documented field experience at the EMT Basic level prior to application. Students must also complete an application packet including two letters of recommendation and a personal statement.

The Paramedic Program is highly competitive. Meeting minimum requirements for admission does not guarantee acceptance into the program. The College reserves the right to make final decisions based upon the applicant pool each year.

FIRST SEMESTER: 15.5 credits	<i>Credits</i>
BIO130: Anatomy and Physiology I	4
COL101: Freshman Seminar	1.5
COM102: Interpersonal Communication	3
ENG101: Standard Freshman Composition	3
Physical Education Elective	1
POL103: State and Local Politics and Government	3
SECOND SEMESTER: 14 credits	
BIO132: Anatomy and Physiology II	4
ENG102: Introduction to Literature	3
PSY101: Introduction to Psychology	3
SOC101: Introduction to Sociology	3
Physical Education Elective	1
THIRD SEMESTER: 16.5 credits	
♦ PAR101: Paramedic I	13
♦ PAR201: Paramedic Clinical I	3.5

WINTERSESSION: 1 credit	
PAR202: Paramedic Clinical II	1
FOURTH SEMESTER: 16.5 credits	
PAR102: Paramedic II	13
PAR203: Paramedic Clinical III	3.5
SUMMER SEMESTER: 3 credits	
PAR103: Paramedic III	3
TOTAL CREDITS REQUIRED: 66.5	
♦ These courses constitute the major courses in this curriculum.	
REQUIRED CREDIT DISTRIBUTION	
Paramedic	37 credits
Biology . . . . .	.8 credits
Humanities . . . . .	.9 credits
Social Science . . . . .	.9 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

ENGINEERING SCIENCE / A.S. DEGREE

Ammerman / ENSC-AS Hegis Code - 5609

This program provides the fundamental scientific and technical preparation for students who plan to continue their studies toward a baccalaureate degree in computer engineering, electrical engineering, mechanical engineering and general engineering science at a four-year institution. Students completing this program will be awarded the Associate in Science degree. Graduates not electing to continue professional study will nevertheless be prepared for employment in industrial and scientific organizations as engineering aides, research assistants or in similar positions. Those seeking a degree in mechanical, civil or other engineering must contact the department for course substitution and scheduling of courses specific to their area of study.

Admission Procedures and Requirements

Entering students need to have completed four years of high school math and chemistry, with physics recommended, and must have a high school average of 80. Students already enrolled in college must have completed MAT125. Students are admitted on a rolling basis, fall and spring; however, students admitted in January should be aware that elective courses may be offered only once a year. Most students who meet minimum standards are accepted. Students who do not meet the admission criteria may be admitted on a provisional basis.

Those accepted into this program may be eligible for a full two-year scholarship. For more information contact the department or go to www.sunysuffolk.edu/Web/Selden/csems.

Lab./

122

FIRST SEMESTER: 15.5 credits

	Lec.	Rec.	Cr.
CHE133: College Chemistry I	3	4	4
COL101: Freshman Seminar	1.5	-	1.5
ENG101: Standard Freshman Composition	3	-	3
♦ ENS112: Introduction to Engineering Design	1	2	2
MAT141: Calculus with Analytic Geometry I	5	-	4
Physical Education	-	2	1

SECOND SEMESTER: 18 credits

ENG102: Introduction to Literature	3	-	3
♦ ENS117: Engineering Computations	3	-	3
CHE134: College Chemistry II	3	4	4
MAT142: Calculus with Analytic Geometry II	5	-	4
PHY130: Physics I	2	2	3
PHY132: Physics I Lab	-	2	1

THIRD SEMESTER: 18 credits

♦ DRF114: AutoCAD I	2	3	3
♦ ENS118: Engineering Mechanics: Statics	3	-	3
♦ ENS233: Electrical Engineering Circuit Analysis	4	2	4
MAT204: Differential Equations	4	-	4
PHY230: Physics II	2	2	3
PHY232: Physics II Lab	-	2	1

FOURTH SEMESTER: 18 credits

♦ ENS119: Engineering Mechanics Dynamics	3	-	3
* or Engineering Elective	3	-	3
** History Elective	3	-	3
MAT203: Calculus with Analytic Geometry III	4	-	4
PHY245: Physics III	2	2	3
PHY246: Physics III Lab	-	2	1
Physical Education	-	2	1
*** Social Sciences Elective	3	-	3

TOTAL CREDITS REQUIRED: 69.5

- * Students pursuing a degree in electrical and mechanical engineering MUST take ENS119. Those students pursuing other engineering tracks may substitute another engineering course with the permission of the engineering department chair.
- ** To be selected from HIS101, HIS102, or other History elective with permission of engineering department.
- *** Social Science elective should be selected based on requirements at college of transfer.
- ♦ These courses constitute the major courses in this curriculum.

NOTES: 1) Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for detailed information on selection of elective courses. 2) See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION	
Engineering	.18 credits
English	.6 credits
History/Social Science	.6 credits
Mathematics	.16 credits

Chemistry	.8 credits
Physics	.12 credits
Freshman Seminar	1.5 credits
Physical Education	2 credit

FIRE PROTECTION TECHNOLOGY / A.A.S. DEGREE AND CERTIFICATE

Ammerman / FRPT-AAS, FRPT-CERT Hegis Code - 5507

This curriculum provides a professional education in fire protection technology for those persons interested in pursuing employment in fire protection agencies as well as preparation for persons planning to work in industrial safety or inspection. The individual fire science courses prepare students with the insight and knowledge for varied careers in fire service.

Students can earn a **certificate** upon successfully completing the fire science courses (FRPT-CERT). An Associate of Applied Science (A.A.S.) **degree** is awarded upon completion of the courses indicated below.

Most career fire departments require either completion of certificate courses and/or the degree program for promotion inside the department.

This program can be finished in two years by attending full-time or can be completed on a part-time basis as well. Except for FPT124 and FPT172, any fire science course can be taken in any semester. The following is an example of a course sequence but is not a required sequence. Students should consult the department for guidance.

FIRST SEMESTER: 15-16 credits

	<i>Credits</i>
ENG101: Standard Freshman Composition	3
♦ FPT111: Introduction to Fire Protection	3
♦ FPT113: Hazardous Materials I	3
Mathematics Elective	3-4
SOC101: Introduction to Sociology	3

SECOND SEMESTER: 16 credits

CHE100: General Chemistry	4
♦ FPT124: Hazardous Materials II	3
♦ FPT131: Building Construction and Facilities	3
♦ FPT140: Fire Protection Hydraulics	3
Humanities Elective	3

THIRD SEMESTER: 15-16 credits

English Elective	3
♦ FPT148: Fire Service Management and Leadership	3
♦ FPT149: Strategies and Tactics	3
♦ FPT171: Industrial Safety Engineering I	3
Unrestricted Elective	3-4

FOURTH SEMESTER: 16 credits

- ♦ FPT150: Arson and Fire Investigation 3
- ♦ FPT172: Industrial Safety Engineering II 3
- HSC128: Crash Victim Extraction 3
- Laboratory Science Elective 4
- * Political Science Elective 3

TOTAL CREDITS REQUIRED: 62-64

- * Recommended: POL103: State and Local Politics and Government.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Fire Science	.30 credits
English	.6 credits
Social Sciences	.6 credits
Mathematics/Science	11-12 credits
Humanities	.3 credits
Health Careers	.3 credits
Unrestricted Elective	3-4 credits

FITNESS SPECIALIST / A.S. DEGREE

Ammerman / FTSP-AS

Hegis Code - 5299.30

The Fitness Specialist curriculum is a two-year program leading to an Associate in Science (A.S.) degree. Upon completion of the Fitness Specialist Program, graduates will be prepared to:

- transfer to four-year colleges in such areas as exercise physiology, physical education, sport medicine, athletic training, pre-physical therapy, sport management, cardiac rehabilitation and other health-related fields. Students considering transfer to a baccalaureate degree program should consult with the program coordinator as well as advisors at the transfer institution, because transfer credit is determined by the transfer institution. Several articulation agreements are already in place to facilitate transferability.
- obtain employment as fitness instructors, personal trainers, and owners or managers of facilities serving fitness and wellness programs.

The Fitness Specialist Program at Suffolk County Community College integrates the principles of exercise physiology, kinesiology, nutrition, anatomy, leadership, conditioning concepts and psychology. Students apply their knowledge and skills to enhance health, fitness, sport performance and the overall quality of life for the general population in commercial, community (schools), clinical and workplace (corporate) settings. In addition, the Fitness Specialist Program is committed to promoting wellness within the college community.

The program is available for full- or part-time enrollment. However, the fitness specialist courses MUST be taken in sequence. Courses are offered in the day and evening schedules. All students are encouraged to discuss course selections with the program coordinator.

Admission Procedures and Requirements

Students are admitted on a space-available basis in consultation with the Admissions Office. It is suggested that application be made in a timely manner. To be considered for admission, entering students must have completed high school biology (Regents) and Integrated Algebra or equivalent. High school chemistry is strongly recommended. Those who do not fulfill this chemistry requirement should consult the program coordinator for an alternative course selection. Strong communication skills and an interview through the Admissions Office are required. Spring semester applicants are accepted on a seat-available basis. They should have successfully completed BIO130 and should consult the program coordinator. All interested students should consult the program coordinator.

FIRST SEMESTER: 15.5 credits

	<i>Lec.</i>	<i>Lab.</i>	<i>Cr.</i>
BIO130: Anatomy and Physiology I	3	3	4
COL101: Freshman Seminar	1.5	-	1.5
COM101: Introduction to Human Communication	3	-	3
ENG101: Standard Freshman Composition	3	-	3
♦ PFS111: Nutrition and Human Performance	3	-	3
* Physical Education	-	2	1

SECOND SEMESTER: 16 credits

BIO132: Anatomy and Physiology II	3	3	4
ENG102: Introduction to Literature	3	-	3
HSC112: Safety, First Aid and CPR	3	-	3
♦ PFS113: Exercise Leadership and Concepts of Aerobic Conditioning	1	2	2
PSY101: Introduction to Psychology	3	-	3
* Physical Education	-	2	1

THIRD SEMESTER: 16-17 credits			
Humanities Elective.....	3	-	3
Mathematics Elective.....	3-4	-	3-4
♦ PFS201: Exercise Leadership and Concepts of Muscle Conditioning	1	2	2
♦ PFS205: Fitness Assessment and Screening.....	1	2	2
♦ PFS209: Kinesiology.....	3	-	3
Social Sciences Elective.....	3	-	3
FOURTH SEMESTER: 18-19 credits			
** History Elective	3	-	3
Liberal Arts and Sciences Elective	3	0-3	3-4
♦ PFS212: Injury Prevention and Management.....	3	-	3
♦ PFS214: Overview of Fitness and Facility Management.....	3	-	3
♦ PFS217: Fieldwork in Fitness	1	8	3
Unrestricted Elective	3	-	3
TOTAL CREDITS REQUIRED: 65.5-67.5			

* PED courses to be selected in consultation with the program coordinator.
 ** To be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120. Consult with program coordinator.
 ♦ These courses constitute the major courses in this curriculum.
 NOTE: *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses.*

REQUIRED CREDIT DISTRIBUTION	
Fitness Specialist	21 credits
English .....	.6 credits
Humanities.....	.6 credits
Social Sciences .....	.9 credits
Mathematics/Science	11-12 credits
Liberal Arts and Sciences.....	3-4 credits
Health Careers.....	.3 credits
Unrestricted Elective.....	.3 credits
Freshman Seminar	1.5 credits
Physical Education .....	.2 credits

GRAPHIC DESIGN / A.A.S. DEGREE

Eastern / GRDS-AAS Hegis Code - 5012

The Graphic Design curriculum links an intensive design program with courses in the liberal arts to prepare students for positions in the field of graphic design. A graphic designer is a problem solver who integrates typography and images to create a visual communication in such areas as advertising, editorial, corporate and publication design. Although career preparation is an important goal of this program, the solid foundation in graphic design it provides can be transferred to many four-year colleges.

The four-semester sequence starting every fall requires that acceptance into the graphic design curriculum is for FALL admission only. However, students may consult with the department for spring courses but will be on a track consisting of five or more semesters due to core courses' prerequisites.

Students matriculated in the Graphic Design curriculum must achieve a minimum grade of C in each graphic design core course in order to continue on to the next course in the sequence and to qualify for graduation.

FIRST SEMESTER: 17.5-18.5 credits *Credits*

- ♦ ART130: 2D Design 3
- ENG101: Standard Freshman
Composition 3
- ♦ GRD101: Basic Graphic Design 3
- ♦ GRD102: Adobe InDesign 3
- ♦ GRD105: Digital Design Freshman
Seminar 1.5
- Mathematics Elective 3-4
- Physical Education 1

SECOND SEMESTER: 18 credits

- ♦ ART115: Adobe Illustrator 3
- ♦ ART116: Adobe Photoshop 3
- ♦ ART133: Drawing I 3
- ENG102: Introduction to Literature 3
- ♦ GRD103: Typographic Design 3
- ♦ GRD104: History of Graphic Design 3

THIRD SEMESTER: 16 credits

- ♦ ART145: Digital Photography I 3
- * COM101: Introduction to Human
Communications or
COM105: Public Speaking or
HUM121: Developing Creative
Imagination in the Arts 3
- ♦ GRD201: Publication Design 3
- ♦ GRD203: Web Media Design 3
- PSY101: Introduction to Psychology 3
- Physical Education 1

FOURTH SEMESTER: 17 credits

- ♦ ART134: Drawing II
or ART135: Life Drawing I 3
- ♦ GRD202: Communication Design 3
- ♦ GRD204: Web Media Production 3
- ♦ GRD205: Graphic Design Portfolio
Assessment 1
- Laboratory Science Elective 4
- Social Sciences Elective 3

TOTAL CREDITS REQUIRED: 68.5-69.5

- * COM101 or COM105 is recommended for students transferring to a four-year institution.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Graphic Design	.....	25 credits
Visual Arts	.....	12 credits
Computer Art	.....	.6 credits
Humanities	.....	.9 credits
Social Sciences	.....	.6 credits
Mathematics / Science	.....	7-8 credits
Freshman Seminar	.....	1.5 credits
Physical Education	.....	.2 credits

HEALTH INFORMATION TECHNOLOGY/ MEDICAL RECORDS / A.A.S. DEGREE

Grant / HEIT-AAS

Hegis Code - 5213

This program will educate persons for employment in the health information/medical records field. The Health Information Management associate degree level program is accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM). Upon completion of the program, students will be eligible to apply to take the national qualifying examination for certification as a Registered Health Information Technician.

Health information specialists set up systems and processes using electronic systems that ensure the availability of health information which facilitates health care delivery and aids all health care providers with health-related decision making. Health information specialists find employment opportunities in health care settings such as hospitals, nursing homes, clinics, group and individual medical practices, managed care organizations and correctional facilities, as well as in other settings such as attorneys' offices, pharmaceutical and medical research firms, public agencies, insurers monitoring care provided to their clients, consulting firms, health data organizations and information systems vendors.

The curriculum combines general and technical education with career development and clinical experience. In addition to courses in liberal arts and sciences, the program provides one semester of fieldwork. Students will gain an understanding of the electronic health record and how this knowledge will prepare them for crucial leadership roles in health informatics and health information resources management. Students will be prepared for roles such as data integrity specialist, clinical coder, reimbursement specialist, compliance auditor, medical vocabulary specialist and supervision.

Health information management is the body of knowledge and practice that assures the availability of health information to facilitate real-time healthcare delivery and critical health related decision making for multiple purposes across diverse organizations, settings, and disciplines. (AHIMA, 2003).

Students must achieve a minimum passing grade of C in each Health Information Technology course in order to continue on to the next course in the sequence and to qualify for graduation with a Health Information Technology major. Students will be permitted to repeat a Health Information Technology course only once.

Admission Procedures and Requirements

Entering students must be eligible for Freshman Composition (ENG101), college level math, and have successfully completed high school biology with a lab or BIO101 and have a high school average of 80 or better. Students already enrolled in college may be provisionally accepted, pending successful completion of MAT007 or its equivalent.

Please note: Health Information Technology (HIT) courses are currently offered in the evening only.

Part-Time Evening Sequence

FIRST FALL SEMESTER: 10 credits

ENG101: Standard Freshman Composition	3
CST111: Introduction to Information Technology	4
MED111: Medical Terminology	3

SECOND SPRING SEMESTER: 7 credits

MAT103: Statistics	3
BIO138: Fundamentals of Human Structure and Function	4

SUMMER SEMESTER: 6 credits

English Elective	3
PSY101: Introduction to Psychology	3

THIRD FALL SEMESTER: 7 credits

♦ HIT114: Introduction to Health Information Technology	3
♦ HIT117: Electronic Health Record (EHR)	4

FOURTH SPRING SEMESTER: 10 credits

♦ HIT119: Privacy and Security of EHR	3
♦ HIT 226: Regulatory Issues with the EHR	3
CST171: Relational Database	4

SUMMER SEMESTER: 6 credits

Social Science Elective	3
Humanities Elective	3

For up-to-date information on program requirements, please refer to the SCCC website at www.sunysuffolk.edu

FIFTH FALL SEMESTER: 6 credits

- ♦ HIT220: Study of Disease 3
- ♦ HIT235: Coding and Classification Systems 3

SIXTH SPRING SEMESTER: 10 credits

- ♦ HIT236: Advance Coding/CPT4 and Reimbursement Methods 3
- ♦ HIT238: Directed Clinical Practice 3
- ♦ HIT240: Management Issues in the EHR Environment 4

TOTAL CREDITS REQUIRED: 62**REQUIRED CREDIT DISTRIBUTION:**

Health Information Technology	.....	.29	credits
Computer Science	.....	.8	credits
English	.....	.6	credits
Health Careers	.....	.3	credits
Humanities	.....	.3	credits
Mathematics/Science	.....	.7	credits
Social Sciences	.....	.6	credits

Full-Time Day Sequence**FIRST SEMESTER: 17 credits***Credits*

- CST111: Introduction to Information Technology 4
- ENG101: Standard Freshman Composition 3
- ♦ HIT114: Introduction to Health Information 3
- ♦ HIT117: Electronic Health Record 4
- MED111: Medical Technology 3

SECOND SEMESTER: 15.5 credits

- BIO138: Fundamentals of Human Structure and Function 4
- COL101: Freshman Seminar 1.5
- CST171: Relational Database Applications and Concepts 4
- ♦ HIT226: Regulatory Issues with Electronic Health Record 3
- MAT103: Statistics 3

SUMMER SESSION: 6 credits

- ♦ HIT220: Study of Disease 3
- ♦ HIT235: Coding and Classification Systems 3

THIRD SEMESTER: 14 credits

- ♦ HIT119: Privacy and Security of the Electronic Health Record 3
- ♦ HIT236: Advanced Coding/CPT4 and Reimbursement Methodologies 3
- ♦ HIT238: Directed Clinical Practice 3
- ♦ HIT240: Managing the Electronic Health Record 4
- Physical Education 1

FOURTH SEMESTER: 13 credits

- PSY101: Introduction to Psychology 3
- English Elective 3
- Humanities Elective 3
- Physical Education 1
- Social Sciences Elective 3

TOTAL CREDITS: 65.5 credits**REQUIRED CREDIT DISTRIBUTION:**

Health Information Technology	.....	.29	credits
English	.....	.6	credits
Humanities	.....	.3	credits
Mathematics/Science	.....	.7	credits
Social Sciences	.....	.6	credits
Computer Science	.....	.8	credits
Health Careers	.....	.3	credits
Physical Education	.....	.2	credits
Freshman Seminar	.....	1.5	credits

HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION (HVAC/R) / A.A.S. DEGREE

Grant / HVAC-AAS Hegis Code – 5317

The Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R) associate degree program prepares students for rewarding and challenging positions in the ever-changing and growing HVAC/R industry. This A.A.S. degree program provides students with a well-rounded education in HVAC/R technology that includes a thorough understanding and working knowledge of the theory and practical applications necessary for superior systems operation. As new technologies are developed and incorporated in the manufacture and upgrading of equipment, the need for skilled technicians continues to expand. According to the Bureau of Labor statistics, the employment needs for this area are expected to outpace the average employment needs for other service-based industries.

By combining comprehensive, career-based courses such as system design, diagnostics, servicing and controls with real-life, hands-on training through internships and intensive laboratory sessions, the HVAC/R curriculum -- teamed with a grounding in the liberal arts -- provides students with the credentials and experience needed to obtain immediate employment upon successfully completing the program.

The HVAC/R degree program is a part-time evening and weekend program that can be completed in seven semesters. Some HVAC/R courses may be offered day and evening. Prior to matriculation, however, students may take some courses that would apply to the program.

Admission Procedures and Requirements

This program begins only in the FALL semester and is competitive. All applicants must take the SCCC placement tests (CPT) unless waived by the Admissions Office based upon academic credentials. Entering students should be qualified for Freshman Composition (ENG101), Technical Math (MAT112) and Advanced College Reading (RDG101).

Students already enrolled in college must have successfully completed Algebra I (MAT007) or higher and Developmental Writing (ENG010) or the equivalent.

Students who do not meet the Admissions criteria may be admitted on a provisional basis.

FIRST SEMESTER: 9.5 credits	<i>Credits</i>
COL101: Freshman Seminar	1.5
ENG101: Standard Freshman Composition	3
♦ HVA131: Refrigeration and Air Conditioning Systems	5
SECOND SEMESTER: 11 credits	
ENG121: Technical Writing	3
♦ HVA111: Computer Applications in Technology	4
MAT112: Technical Mathematics I	4
THIRD SEMESTER: 9 credits	
♦ HVA141: Heating Systems	5
PHY112: Technical Physics I	4
FOURTH SEMESTER: 9 credits	
♦ HVA222: HVAC/R Control Systems	4
♦ HVA242: HVAC/R Diagnostics and Servicing	5
FIFTH SEMESTER: 8 credits	
COM102: Interpersonal Communication	3
♦ HVA232: HVAC/R Commercial Systems	5

SIXTH SEMESTER: 10-11 credits	
Accounting or Business Elective	3-4
♦ HVA252: HVAC/R System Design	4
Social Sciences Elective	3

SEVENTH SEMESTER: 9 credits	
♦ HVA260: HVAC/R Internship	3
Liberal Arts Elective	3
Social Sciences Elective	3

TOTAL CREDITS REQUIRED: 65.5-66.5	
♦ These courses constitute the major courses in this curriculum.	

REQUIRED CREDIT DISTRIBUTION	
HVAC/R	35 credits
Mathematics/Science . . . . .	.8 credits
English . . . . .	.6 credits
Communication . . . . .	.3 credits
Social Sciences . . . . .	.6 credits
Liberal Arts . . . . .	.3 credits
Business	3-4 credits
Freshman Seminar	1.5 credits

HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION (HVAC/R) / CERTIFICATE

Grant / HVAC-CERT

Hegis Code – 5317

The Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R) certificate program is a part-time program designed for individuals who wish to secure employment in the HVAC/R industry as well as for those who are currently employed or seeking to re-enter the workforce. This certificate program gives students the opportunity to complete their course work in a shorter period of time than the degree program, while enabling them to obtain the skills that are fast becoming requirements for employment in an ever-changing industry. Students wishing to pursue the A.A.S. degree in HVAC/R can apply credits earned in the certificate program towards the associate's degree.

The HVAC/R certificate program is a part-time evening and weekend program that can be completed in four semesters. The program begins only in the fall semester. Some HVAC/R courses may be offered day and evening.

Admission Procedures and Requirements

This program begins only in the FALL semester and is competitive. All applicants must take the SCCC placement tests (CPT) unless waived by the Admissions Office based upon academic credentials. Entering students should be qualified for Freshman Composition (ENG101), Technical Math (MAT112) and Advanced College Reading (RDG101).

Students already enrolled in college must have successfully completed Algebra I (MAT007) or higher and Developmental Writing (ENG010) or the equivalent.

Students who do not meet the Admissions criteria may be admitted on a provisional basis.

130

FIRST SEMESTER: 8 credits

	<i>Credits</i>
ENG101: Standard Freshman Composition	3
♦ HVA131: Refrigeration and Air Conditioning Systems	5

SECOND SEMESTER: 11 credits

ENG121: Technical Writing	3
♦ HVA111: Computer Applications in Technology	4
MAT112: Technical Mathematics I	4

THIRD SEMESTER: 8 credits

COM102: Interpersonal Communication	3
♦ HVA141: Heating Systems	5

FOURTH SEMESTER: 9 credits

♦ HVA222: Control Systems	4
♦ HVA242: Diagnostics and Servicing	5

TOTAL CREDITS REQUIRED: 36

- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

HVAC/R	23 credits
English	6 credits
Communication	3 credits
Mathematics	4 credits

HOTEL AND RESORT MANAGEMENT / A.A.S. DEGREE

Eastern / HRMN-AAS

Hegis Code - 5010

The hotel and resort management degree is designed for students with a career interest in the lodging and resort industries. These fields represent a wide range of businesses, from the small country inn or bed and breakfast to multinational chains of hotels and resorts. Management opportunities exist in front-office operations, food and beverage management, banquet-meeting sales, human resources, facilities management, and more.

The curriculum is balanced between career-specific courses such as Cost Controls for the Hospitality Industry and liberal arts courses such as Standard Freshman Composition. Upon graduation, students will be prepared to enter the workforce or continue their education.

Admissions Procedures and Requirements

Students applying directly from high school should have successfully completed high school mathematics sequence through Algebra 2/Trig or equivalent, one laboratory science, and four years of English. Students are admitted in the fall semester, with most students meeting minimum standards being accepted.

FIRST SEMESTER: 15.5 credits

Credits

- ACC101: Principles of Accounting I 4
- ♦ CUL111: Sanitation 3
- ENG101: Standard Freshman Composition . . 3
- ♦ HRM105: Introduction to the Hospitality Industry 3
- ♦ HRM115: Hospitality Freshman Seminar . . 1.5
- Physical Education 1

SECOND SEMESTER: 18-19 credits

- BUS109: Supervision: Concepts and Practices 3
- English Elective 3
- ♦ HRM112: Cost Controls for Hospitality Industry 4
- ♦ HRM114: Fundamentals of Food Production 4
- Mathematics Elective 3-4
- Physical Education 1

SUMMER SEMESTER: 4 credits

- ♦ HRM240: Hotel and Resort Management Internship/Cooperative Education 4

THIRD SEMESTER: 16 credits

- ♦ HRM205: Maintenance and Equipment 3
- ♦ HRM210: Front Office Management and Housekeeping 3
- PSY101: Introduction to Psychology 3
- * Restricted Elective 3
- Science Laboratory Elective 4

FOURTH SEMESTER: 17 credits

- COM101: Introduction to Human Communications 3
- ♦ HRM120: Hospitality Marketing 3
- ♦ HRM220: Hotel Sales, Expositions and Meeting Management 3
- ♦ HRM250: Hospitality Capstone Course 2
- LAW111: Business Law I 3
- Social Science Elective 3

TOTAL CREDITS REQUIRED: 70.5-71.5

- * Choose from CUL113, CUL116 or ACC117
- ♦ These courses constitute the major courses in this curriculum

REQUIRED CREDIT DISTRIBUTION

- Hotel/Resort 29.5 credits
- Culinary Arts 3-6 credits
- English/Humanities 9 credits
- Business 10-13 credits
- Mathematics/Science 7-8 credits
- Social Science 6 credits
- Physical Education 2 credit

HOTEL AND RESORT MANAGEMENT / CERTIFICATE

Eastern / HRMN-CERT Hegis Code - 5010

The Hotel and Resort Management Certificate Program develops entry-level skills for managerial positions and careers in the hospitality industry. Students acquire the knowledge and competencies required for working as managers in eating, lodging, travel, recreation, and gaming establishments. Full-time students can complete the program in two semesters, thereby accelerating entry into employment situations. The program is appropriate for people who already hold post-secondary degrees, for those who are currently employed in the industry and who would benefit from some specialized training, and for those who are interested in acquiring hospitality-related managerial skills but who are not interested in pursuing an academic degree in the field.

FIRST SEMESTER: 13 credits

	<i>Credits</i>
ACC101: Principles of Accounting I	4
BUS109: Supervision: Concepts and Practices	3
♦ CUL111: Sanitation	3
♦ HRM105: Introduction to the Hospitality Industry	3

SECOND SEMESTER: 16 credits

♦ HRM112: Cost Control for the Hospitality Industry	4
♦ HRM114: Fundamentals of Food Production	4
♦ HRM120: Hospitality Marketing	3
♦ HRM210: Front Office Management and Housekeeping	3
♦ HRM220: Hotel Sales, Expositions, and Meeting Management	3

TOTAL CREDITS REQUIRED: 30

- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION:

Hotel/Resort	20 credits
Culinary Arts	3 credits
Business	7 credits

HUMAN SERVICES / A.S. DEGREE

Ammerman / HUSR-AS

Hegis Code - 5501

This curriculum provides opportunities for students seeking transfer to bachelor degree programs in social work, counseling or human services as well as for students seeking employment in human services upon graduation. Human services is a broadly defined, multidimensional helping profession that assists individuals, families and groups to meet challenges in their ability to cope during life transitions, crisis, and when under stress. Human service professionals are employed in a variety of fields including mental health, health, developmental disabilities, child welfare, corrections, services to youth, the elderly and to those who are homeless or poverty stricken. It is an eclectic field requiring a strong liberal arts background with an emphasis on the social and behavioral sciences as well as courses providing a foundation in the history, methods, theory and helping skills of the human service profession. Courses in the curriculum include a two semester practicum providing students a supervised fieldwork experience in a local human service agency. Students complete 140 field hours in HUS201 and 180 field hours in HUS211. Some sites require a criminal background check and/or additional health requirements which must be met at the student's expense.

Students seeking to transfer to a bachelor's degree program are advised to consult the intended transfer institution to ensure a successful transfer. The program has agreements with Adelphi University, Molloy College, Long Island University, C.W. Post Campus and SUNY at Stony Brook School of Social Welfare which facilitate the acceptance of all credits to their bachelors degrees in social work.

Curriculum-specific courses are offered primarily on the Ammerman campus. Other courses may be completed at any of the college's campuses. HUS101, Introduction to Social Welfare, is open to all students, fulfills a SUNY General Education Social Science Requirement, serves as a social science or unrestricted elective in liberal arts curricula and as the first course in the Human Services Program sequence. The final three program courses (HUS201, HUS205 and HUS211) are offered only during the day. Other courses are offered both day and evening. HUS103 is offered only in the spring semester.

Students must achieve a minimum passing grade of C in each Human Services (HUS) course in order to continue to the next course in the Human Services Program and to qualify for graduation.

Admission Procedures and Requirements

Entering students should have an 80 high school average. Students already enrolled in college should have completed 12 college level credits with a 2.8 GPA. including ENG101 and PSY101 with grades of C+ or better. All applicants must have satisfactorily completed all required developmental reading and writing courses. Maturity, strong interpersonal and communication skills as well as appropriate volunteer experience are preferred for all applicants. An interview is required. Students are admitted fall and spring. Most students who are admitted meet more than the minimum standards.

FIRST SEMESTER: 17.5 credits				SECOND SEMESTER: 17 credits			
	<i>Lec.</i>	<i>Lab.</i>	<i>Cr.</i>				
ENG101: Standard Freshman Composition.....	3	-	3	BIO101: Principles of Biology.....	3	2	4
* Humanities Elective.....	3	-	3	ENG102: Introduction to Literature.....	3	-	3
♦ HUS101: Introduction to Social Welfare.....	3	-	3	HSC114: Group Dynamics.....	3	-	3
° LIB101: Research Essentials:				♦ HUS103: Interviewing in Social Work Practice.....	3	-	3
The Library and the Internet	.15	-	1.5	Physical Education.....	-	2	1
Physical Education.....	-	2	1	PSY210: Lifespan Development..	3	-	3
PSY101: Introduction to Psychology.....	3	-	3				
SOC101: Introduction to Sociology.....	3	-	3				

For up-to-date information on program requirements, please refer to the SCCC website at www.sunysuffolk.edu

THIRD SEMESTER: 17-18 credits

** Elective	3	-	3
† Humanities Elective	3	-	3
◆ HUS201: Human Services Seminar and Field Practicum I	3	8	5
◆ HUS205: Theory and Methods of Helping in the Human Services	3	-	3
*** Mathematics Elective	3-4	-	3-4

FOURTH SEMESTER: 15 credits

¥ Elective	3	-	3
‡ History Elective	3	-	3
§ Social Sciences Elective	3	-	3
◆ HUS211: Human Services Seminar and Field Practicum II	3	12	6

(includes 180 hours of field work)

TOTAL CREDITS REQUIRED: 66.5-67.5

- * To be selected from ART101, ART111, ART112, ART113, MUS101, MUS206, MUS210 or THR101.
- ** POL103 or POL105 required for students applying to a Bachelor of Social Work program.
- *** MAT103 recommended for students applying to a Bachelor of Social Work program.
- † To be selected from any HUM, PHL or foreign language course.
- ‡ HIS104 required for students applying to a Bachelor of Social Work program. Other students may select from HIS101, HIS102, HIS104, HIS201, HIS107, IND101 or IND102.

§ To be selected from ANT101, ANT103, ANT211, GEO101, GEO102, HIS118, HIS119, HIS120 or POL107.

¥ CDC111, CDC115, CDC120, HSC111, PSY215, or SOC203, recommended. Students wishing to meet the maximum SUNY General Education requirements should select HIS101, HIS102, HIS107, IND101 or IND102 if not chosen in history elective above.

° May also be met by COL101: College Seminar or LIB103: Library Research and Methods.

◆ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses.* 2) *See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION

Human Services	20 credits
English/Humanities	12 credits
Social Sciences	15 credits
Mathematics/Science	7-8 credits
Health Careers	3 credits
Electives	6 credits
Library Research	1.5 credits
Physical Education	2 credits

INFORMATION TECHNOLOGY / A.A.S. DEGREE

Ammerman - Eastern - Grant / ITIS-AAS, ITIW-AAS, ITND-AAS Hegis Code - 5104

This program prepares students for challenging and rewarding careers in one of the following three fields: Network Design and Administration, Applications/Computer Information Systems, and Internet/Web Development. Depending on the program track, Information Technology majors are taught various aspects of the management of information technology such as performance measurement, program development, disaster recovery, security, business analysis, top-down design of systems, and writing of technical documents. The concept of teamwork may be reinforced through the assignment of group projects in various courses. Overall, the curriculum is designed to teach technology as well as to develop technological decision-making skills required by a successful information technology professional.

Admission Procedures and Requirements

Entering students must have a minimum high school average of 75. Students already enrolled in college must have an overall grade point average of at least 2.5. Applicants to the program should note that high school algebra is essential to program success; furthermore, MAT111 with a minimum grade of C, or its equivalent, is required prior to enrollment in most programming and advanced computing classes. Students are admitted on a rolling basis, fall and spring.

Computer Information Systems Option (ITIS-AAS)

FIRST SEMESTER: 17.5 credits Credits

COL101: Freshman Seminar	1.5
♦ CST111: Introduction to Information Technology	4
♦ CST112: Introduction to Programming. ENG101: Standard Freshman Composition	4 3
MAT107: Computer Mathematics Concepts	4
Physical Education	1

SECOND SEMESTER: 17-18 credits

♦ CST141: Principles of Computing with Java .	4
♦* CST Elective	4
ENG121: Technical Writing	3
** Mathematics Elective.	3-4
*** Social Sciences Elective	3

THIRD SEMESTER: 16 credits

♦ CST171: Relational Database Applications and Concepts	4
♦ CST242: Advanced Programming and Problem Solving with Java.	4
♦* CST Elective	4
† Humanities Elective.	3
Physical Education.	1

FOURTH SEMESTER: 17-19 credits

‡ CST288: Cooperative Education/ Internships for Computing Technology or BUS150: Cooperative Education in Business	3-4
§ Business or Accounting Elective	3-4
♦ CST272: Programming for Relational Database Management Systems	4
♦* CST Elective	4
*** Social Sciences Elective	3

TOTAL CREDITS REQUIRED: 67.5-70.5

- * Choose any CST course except CST101.
- ** Choose MAT103, or any course numbered MAT121 or higher.
- *** Although this is not a transfer degree, students planning to transfer to a SUNY four-year institution are strongly advised to choose as their social sciences electives courses in either American History or Western Civilization or Other World Civilizations. The **American history requirement** can be met by HIS103, HIS104 or POL105; the **Western Civilization requirement** can be met by HIS101, HIS102, HIS107, HIS201, IND101 or IND102; the **Other World Civilizations requirement** can be met by ANT101, ANT105, ANT203, ANT205, ANT211, GEO101, GEO102, GEO103, HIS107, HIS118, HIS119, HIS120 or POL107.
- † Students are strongly advised to choose as their humanities elective a course in either the arts (visual arts, music, theatre) or foreign language.
- ‡ CST288 strongly recommended.
- § Choose one of the following: ACC101, BUS101, BUS127.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Computer Science	36-40 credits
English . . . . .	.6 credits
Humanities . . . . .	.3 credits
Social Sciences . . . . .	.6 credits
Mathematics	7-8 credits
Business	3-7 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

Internet/Web Development Option (ITIW-AAS)

FIRST SEMESTER: 17.5 credits	<i>Credits</i>
COL101: Freshman Seminar	1.5
♦ CST111: Introduction to Information Technology	4
♦ CST112: Introduction to Programming	4
ENG101: Standard Freshman Composition	3
MAT107: Computer Mathematics Concepts	4
Physical Education	1

SECOND SEMESTER: 18-19 credits	
♦ CST141: Principles of Computing with Java	4
♦ CST161: Website Design	4
♦ CST171: Relational Database Applications and Concepts	4
ENG121: Technical Writing	3
** Mathematics Elective	3-4

THIRD SEMESTER: 18 credits	
BUS Elective	3
♦ CST242: Principles of Computerizing with Java II	4
♦ CST262: Client-Side and Server-Side Web Programming	4
** Humanities Elective	3
Physical Education	1
† Social Sciences Elective	3

FOURTH SEMESTER: 14-15 credits	
‡ CST288: Cooperative Education/ Internships for Computing Technology or BUS150: Cooperative Education in Business	3-4
♦ CST265: XML Document Design and Programming	4
♦* CST Elective	4
† Social Sciences Elective	3

TOTAL CREDITS REQUIRED: 67.5-69.5

- * Choose any CST course except CST101.
- ** Choose MAT103, or any course numbered MAT121 or higher.
- *** Students are strongly advised to choose as their humanities elective a course in either the arts (visual arts, music, theatre) or foreign language.
- † Although this is not a transfer degree, students planning to transfer to a SUNY four-year institution are strongly advised to choose as their social sciences electives courses in either American History or Western Civilization

or Other World Civilizations. The **American history requirement** can be met by HIS103, HIS104 or POL105; the **Western civilization requirement** can be met by HIS101, HIS102, HIS107, HIS201, IND101 or IND102; the **Other World Civilizations requirement** can be met by ANT101, ANT105, ANT203, ANT205, ANT211, GEO101, GEO102, GEO103, HIS107, HIS118, HIS119, HIS120 or POL107.

- ‡ CST288 strongly recommended.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Computer Science	36-40 credits
English . . . . .	.6 credits
Humanities . . . . .	.3 credits
Social Sciences . . . . .	.6 credits
Mathematics	7-8 credits
Business	3-6 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

Network Design and Administration Option (ITND-AAS)

FIRST SEMESTER: 17.5 credits	<i>Credits</i>
COL101 Freshman Seminar	1.5
♦ CST111: Introduction to Computer Science and Information Technology	4
♦ CST112: Introduction to Programming	4
ENG101: Standard Freshman Composition	3
MAT107: Computer Mathematics Concepts	4
Physical Education	1

SECOND SEMESTER: 17-18 credits	
♦ CST125: Installing, Configuring and Administering Microsoft Windows® Operating Systems or CST126: Operating Systems: Linux/UNIX	4
♦ CST141: Principles of Computing using Java	4
ENG121: Technical Writing	3
** Mathematics Elective	3-4
*** Social Sciences Elective	3

THIRD SEMESTER: 14-16 credits	
† Business or Science/Engineering/ Technology Requirement	3-4
♦* CST Elective or ELT150: The Workings of Personal Computers	3-4
♦ ELT151: CISCO - Computer Networking I	4
‡ Humanities Elective	3
Physical Education	1

FOURTH SEMESTER: 17-19 credits

- † Business or Science/Engineering/
Technology Requirement 3-4
- § CST288: Cooperative Education/
Internships for Computing
Technology
or BUS150: Cooperative Education
in Business 3-4
- ♦ CST227: Network Operating Systems
and Network Infrastructure. 4
- ♦ ELT152: CISCO - Computer
Networking II. 4
- ** Social Sciences Elective 3

TOTAL CREDITS REQUIRED: 65.5-70.5

- * Choose any CST course except CST101.
- ** Choose MAT103, or any course numbered
MAT121 or higher.
- *** Although this is not a transfer degree, students
planning to transfer to a SUNY four-year
institution are strongly advised to choose as
their social sciences electives courses in either
American History or Western Civilization
or Other World Civilizations. The **American
history requirement** can be met by HIS103,
HIS104 or POL105; the **Western Civilization**

requirement can be met by HIS101, HIS102,
HIS107, HIS201, IND101 or IND102; the **Other
World Civilizations requirement** can be met by
ANT101, ANT105, ANT203, ANT205, ANT211,
GEO101, GEO102, GEO103, HIS107, HIS118,
HIS119, HIS120 or POL107.

- † Choose one accounting course and a business
course (BUS101 or BUS127) or two science/
engineering/computer courses.
- ‡ Students are strongly advised to choose as their
humanities elective a course in either the arts
(visual arts, music, theatre) or foreign language.
- § CST288 strongly recommended.
- ♦ These courses constitute the major courses in this
curriculum.

REQUIRED CREDIT DISTRIBUTION

Computer Science	31-44 credits
English . . . . .	.6 credits
Humanities. . . . .	.3 credits
Social Sciences . . . . .	.6 credits
Mathematics.	7-8 credits
Science.	0-8 credits
Business	0-10 credits
Engineering	0-8 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

INFORMATION TECHNOLOGY / CERTIFICATE

Ammerman - Eastern - Grant / ITND-CERT, ITIS-CERT, ITIW-CERT Hegis Code - 5104

This program is suitable for students who already have an Associates, Bachelors or Masters degree in a non-computing area and are seeking intensive computer-related technical training in a short period of time (two semesters). It prepares students for challenging and rewarding careers in one of the following three fields: Network Design and Administration, Application Development, and Internet/Web Development and Administration.

Depending on the program track, Information Technology majors are taught various aspects of the management of information technology such as performance measurement, program development, disaster recovery, security, business analysis, top-down design of systems, and writing of technical documents. The concept of teamwork may be reinforced through the assignment of group projects in various courses. Overall, the curriculum is designed to teach technology as well as to develop technological decision-making skills required by a successful information technology professional.

Students who wish to continue their studies toward the A.A.S. degree in Information Technology may apply these credits toward that goal.

FIRST SEMESTER: 16 credits Credits

- ◆ CST112: Introduction to Programming..... 4
- *◆ Computer Science/Information
Technology Elective..... 4
- *◆ Computer Science/Information
Technology Elective..... 4
- MAT107: Computer Mathematics
Concepts 4

SECOND SEMESTER: 15 credits

- *◆ Computer Science/Information
Technology Elective..... 4
- *◆ Computer Science/Information
Technology Elective..... 4
- *◆ Computer Science/Information
Technology Elective..... 4
- ENG121: Technical Writing..... 3

TOTAL CREDITS REQUIRED: 31

- * Course selection depends on the option selected.
- ◆ These courses constitute the major courses in this curriculum.

OPTIONS

NETWORK DESIGN AND ADMINISTRATION (ITND)

Semester 1: CST125 or CST126, ELT151
Semester 2: CST227, Computer Science/Information
Technology Elective, ELT152

COMPUTER INFORMATION SYSTEMS (ITIS)

Semester 1: CST141, CST171
Semester 2: CST242, CST272, Computer
Science/Information Technology Elective

INTERNET/ WEB DEVELOPMENT (ITIW)

Semester 1: CST161, CST171
Semester 2: CST262, CST265, Computer
Science/Information Technology Elective

REQUIRED CREDIT DISTRIBUTION

Computer Science.....24 credits
English3 credits
Mathematics.....4 credits

INTERIOR DESIGN / A.A.S. DEGREE

Eastern / INDA-AAS Hegis Code - 5012

The Interior Design program links intensive core-specific courses in interior design with a strong liberal arts component. The course of study develops technical skills and aesthetic principles essential for creating and planning interior spaces. Studio classes develop skills in space planning, floor plans, elevations, construction drawings and specifications. Drawings and presentations are additionally enhanced by knowledge and application of textiles and color. Business practice and communication skills are essential tools for entering the design workforce. This program culminates in a capstone course in portfolio development and an internship mentoring experience. Graduates are prepared to pursue careers in the home furnishings field as in-house designers, design assistants, space planners, color consultants and managers in the retail home industries.

Acceptance into this program is for fall admission only. Students may consult with the department for spring courses, but they will not likely complete the program in four semesters because of core course prerequisites.

FIRST SEMESTER: 17.5 credits

Credits

ART133: Drawing I	3
ENG101: Standard Freshman Composition	3
♦ INT101: Interior Design I	3
♦ INT102: Interior Textiles and Finishes	3
♦ INT115: Interior Design Careers Seminar	1.5
Physical Education	1
PSY101: Introduction to Psychology or SOC101: Introduction to Sociology	3

SECOND SEMESTER: 18 credits

COM101: Introduction to Human Communications or COM102: Interpersonal Communications	3
ENG102: Introduction to Literature	3
♦ INT103: Interior Design II	3
♦ INT105: History of Interiors and Architecture	3
♦ INT107: Color for Interiors	3
Social Sciences Elective	3

THIRD SEMESTER: 16-17 credits

BUS123: Entrepreneurship	3
♦ INT201: Interior Design III	3
♦ INT205: Working Drawings III	3
♦ INT208: Professional Practice for Interior Designers	3
Mathematics Elective	3-4
Physical Education	1

FOURTH SEMESTER: 17 credits

♦ INT220: Materials and Construction Methods for Interior Designers	4
♦ INT226: Kitchen and Bath Design	3
♦ INT227: Interior Design Portfolio and Assessment	3
*♦ INT230: Cooperative Education and Internships in Interior Design or ART111: Art History I or ART112: Art History II or ART113: Modern Art	3
Laboratory Science Elective	4

TOTAL CREDITS REQUIRED: 68.5-69.5

- * Students intending to continue on for a baccalaureate degree are advised to take ART111 or ART112 or ART113. Students planning to enter the job market upon graduation should select INT230.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Interior Design/ Visual Arts	41.5 credits
Business	.3 credits
English	.6 credits
Humanities	.3 credits
Laboratory Science	.4 credits
Mathematics	3-4 credits
Social Sciences	.6 credits
Physical Education	.2 credits

LIBERAL ARTS AND SCIENCES: ADOLESCENCE EDUCATION/BIOLOGY EMPHASIS / A.A. DEGREE

(Jointly Registered with St. Joseph's College, leading to a B.A. or B.S. degree in Biology)

Ammerman - Eastern - Grant / AEBA-AA [B.A.], AEBE-AA [B.S.] Hegis Code - 5649

This program, which is jointly registered with St. Joseph's College, prepares students for careers in secondary education (grades 7-12). Students who complete the A.A. degree at Suffolk County Community College are assured seamless transfer to St. Joseph's College for the baccalaureate degree program. **However, students can also transfer to other New York State public and private four-year colleges to attain the baccalaureate degree and teacher certification.**

The Adolescence Education Emphasis at Suffolk offers a strong liberal arts foundation, while including courses specifically related to pedagogy. New York State teacher certification standards will be met through upper-level course work at St. Joseph's College, including supervised student teaching. Successful completion of the full program will qualify students for initial certification in secondary education.

Admission Procedures and Requirements

Admission to the A.A. Liberal Arts and Sciences: Adolescence Education/Biology emphasis for entering students requires a Regent's Diploma, a minimum high school average of 80 and completion of high school mathematics sequence through Algebra 2/Trig or equivalent and precalculus. Students already enrolled in college who wish to be admitted to the program must have completed ENG101 and MAT125 or MAT126 with a combined GPA of 3.0 or better.

Graduates of the A.A. program at Suffolk will be required to have a 2.80 GPA to matriculate in the Adolescence Education program at St. Joseph's College.

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Program at Suffolk County Community College

FIRST SEMESTER: 17.5 credits *Credits*

BIO150: Modern Biology I	4
CHE133: College Chemistry I	4
COL101: Freshman Seminar	1.5
ENG101: Standard Freshman Composition	3
MAT141: Calculus with Analytic Geometry I	4
Physical Education	1

SECOND SEMESTER: 16 credits

BIO152: Modern Biology II	4
CHE134: College Chemistry II	4
ENG102: Introduction to Literature	3
MAT142: Calculus with Analytic Geometry II	4
Physical Education	1

THIRD SEMESTER: 17 credits

CHE250: Organic Chemistry I	5
COM101: Introduction to Human Communication	3
or COM105: Public Speaking	3
HIS101: Western Civilization I	3
or HIS102: Western Civilization II	3
* Non-Western Social Sciences Elective	3
** Visual Arts Elective	3

FOURTH SEMESTER: 15 credits

BIO262: Genetics	4
CHE251: Organic Chemistry II	5
EDU201: Introduction to Education	3
HIS104: Modern American History	3
or HIS103: Foundations of American History	3

TOTAL CREDITS REQUIRED: 65.5

* To be selected from GEO101, GEO102, GEO103, HIS118, HIS119, POL107.

** To be selected from ART101, ART111, ART112 or ART113.

REQUIRED CREDIT DISTRIBUTION AT SUFFOLK COUNTY COMMUNITY COLLEGE

English	.6 credits
Humanities	.6 credits
Social Sciences	.9 credits
Biology/Chemistry	.30 credits
Mathematics	.8 credits
Education	.3 credits
Freshman Seminar	1.5 credits
Physical Education	.2 credits

B.A. Program at St. Joseph's College¹

FIFTH SEMESTER: 17 credits *Credits*

BIO330: Physiology	5
EDU 115: Educational Psychology	3
ENG110: Communications for Professionals	3
Foreign Language I	3
Social Sciences Elective ²	3

SIXTH SEMESTER: 14 credits	
BIO380: Research Seminar	1
EDU234: Sociological and Philosophical Foundations of Education.	2
EDU235: Instructional Strategies for Inclusion in the Classroom	2
Foreign Language II	3
Philosophy Elective.	3
PSY220: Adolescent Psychology	3
SEVENTH SEMESTER: 15 credits	
BIO480: Research.	0
Biology Elective.	4
EDU360: Methods of Secondary Education	3
EDU366: Methods in Teaching Biology	2
Non-Laboratory Biology or Chemistry Course	3
SPC218: Normal Language Development.	3
EIGHTH SEMESTER: 16 credits	
BIO340: Microbiology.	4
BIO480: Research.	3
EDU473: Supervised Teaching in Secondary Schools.	6
Music Elective	3

**Credits Required at St. Joseph's
College: 62 credits (70 for B.S. Degree)**

**Credits Required at Suffolk County
Community College: 65.5 credits**

**Total Credits Required to Complete the Joint
Program: 127.5 for B.A. Degree;
135.5 for B.S. Degree**

¹ The B.S. in Biology at St. Joseph's College requires
8 additional credits: Physics 150 and 151.

² To be selected from sociology, political science or
economics.

*All students are required to pass the LAST and ATS-W,
the Certificate for Child Abuse and Violence Prevention,
and be fingerprinted as required by New York State. Stu-
dents must also take the content test in their major field.
128 credits are required for graduation from St. Joseph's
College.*

LIBERAL ARTS AND SCIENCES: ADOLESCENCE EDUCATION/ENGLISH EMPHASIS / A.A. DEGREE

(Jointly Registered with St. Joseph's College, leading to a B.A. degree in English)

Ammerman - Eastern - Grant / AEEE-AA Hegis Code - 5649

This program, which is jointly registered with St. Joseph's College, prepares students for careers in secondary education (grades 7-12). Students who complete the A.A. degree at Suffolk County Community College are assured seamless transfer to St. Joseph's College for the baccalaureate degree program. **However, students can also transfer to other New York State public and private four-year colleges to attain the baccalaureate degree and teacher certification.**

The Adolescence Education Emphasis at Suffolk offers a strong liberal arts foundation, while including courses specifically related to pedagogy. New York State teacher certification standards will be met through upper-level course work at St. Joseph's College, including supervised student teaching. Successful completion of the full program will qualify students for Initial Certification in secondary education.

Admission Procedures and Requirements

Admission to the A.A. Liberal Arts and Sciences: Adolescence Education/English emphasis for entering students requires a Regent's Diploma and a minimum high school average of 80. Students already enrolled in college who wish to be admitted to the program must have completed ENG101 and a mathematics or laboratory science course with a combined GPA of 3.0 or better.

Graduates of the A.A. program at Suffolk will be required to have a 2.80 GPA to matriculate in the Adolescence Education program at St. Joseph's College.

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Program at Suffolk County Community College

FIRST SEMESTER: 16.5-17.5 credits *Credits*

COL101: Freshman Seminar	1.5
COM101: Introduction to Human Communication	
or COM105: Public Speaking	3
ENG101: Standard Freshman Composition	3
† Foreign Language	3
‡ Mathematics Elective	3-4
* Visual Arts Elective	3

SECOND SEMESTER: 17 credits

ENG102: Introduction to Literature	3
ENG201: Advanced Expository Writing	3
† Foreign Language	3
HIS101: Western Civilization I or HIS102: Western Civilization II	3
Laboratory Science Elective	4
Physical Education	1

THIRD SEMESTER: 16-17 credits

** English Elective	3
ENG212: Contemporary Global Literature	3
HIS104: Modern American History or HIS103: Foundations of American History	3
‡ Mathematics/Laboratory Science Elective	3-4
Philosophy Elective	3
Physical Education	1

FOURTH SEMESTER: 15 credits

EDU201: Introduction to Education	3
** English Elective	3
** English Elective	3
*** Music Elective	3
SOC101: Introduction to Sociology or POL105: American National Politics and Government	3

TOTAL CREDITS REQUIRED: 64.5-66.5

* To be selected from ART101, ART111, ART112 or ART113.

** To be selected from ENG141, ENG142, ENG205, ENG206, ENG211, ENG220, ENG221.

*** To be selected from MUS101, MUS103, MUS105, MUS117, MUS206, MUS210.

† Students are required to complete two semesters of a foreign language **in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements**, as follows: Elementary I/Elementary II or Elementary II/Intermediate I or Intermediate I/Intermediate II or Intermediate II/any advanced-level course. ASL not accepted for this requirement

‡ No mathematics special topics courses.

REQUIRED CREDIT DISTRIBUTION AT
SUFFOLK COUNTY COMMUNITY COLLEGE

English	.21 credits
Humanities	.12 credits
Foreign Language	.6 credits
Social Sciences	.9 credits
Mathematics/Science	10-12 credits
Education	.3 credits
Freshman Seminar	1.5 credits
Physical Education	.2 credits

B.A. Program at St. Joseph's College

FIFTH SEMESTER: 15 credits Credits

EDU115: Educational Psychology	3
ENG401: Junior Survey of American Literature	3
Elective	3
English Elective ¹	3
SPC218: Normal Language Development	3

SIXTH SEMESTER: 16 credits

EDU234: Sociological and Philosophical Foundations of Education	2
EDU235: Instructional Strategies for Inclusion in the Classroom	2
Elective	3
ENG400: Writing about Literature	3
English Elective ²	3
PSY220: Adolescent Psychology	3

SEVENTH SEMESTER: 17 credits

EDU360: Methods of Secondary Education	3
EDU361: Methods in Teaching English	2
ENG402: Advanced Survey of British Literature (<i>fall only</i>)	3
ENG487: Seminar in Literature (Thesis - <i>fall only</i>)	3
Elective	3
SPC217: Oral Interpretation of Literature	3

EIGHTH SEMESTER: 15 credits

EDU473: Supervised Teaching in Secondary Schools	6
Elective	3
ENG403: Advanced Survey II (<i>spring only</i>)	3
English Elective	3

**Credits Required at St. Joseph's
College: 63 credits**

**Credits Required at Suffolk County
Community College: 64.5-66.5 credits**

**Total Credits Required to Complete the Joint
Program: 127.5-129.5**

¹ To be selected from the following list (students should fulfill Renaissance and Medieval requirement with electives in **bold type**): ENG112: Classical Literature, ENG217: **Medieval Themes**, ENG218: **Medieval Literature**, ENG219: **Literature of English Renaissance**, ENG221: **17th Century Literature**, ENG233: Romantic Literature, ENG234: Victorian Literature, ENG241: Rise and Development of the Novel, ENG256: Bible as Literature, ENG257: Colonial and Early National American Literature, ENG258: American Renaissance, ENG259: Modern American Novel, **ENG305: Chaucer**, **ENG332: Shakespeare**. Courses in **bold type** satisfy Renaissance or Medieval requirement.

² To be selected from ENG243: 19th Century British Novel, ENG245: Modern British Novel, ENG253: Modern Poetry, ENG303: Continental Masterworks, ENG320: Milton, ENG370: Selected Themes of Literary Interest.

All students are required to pass the LAST and ATS-W, the Certificate for Child Abuse and Violence Prevention and be fingerprinted as required by New York State. Students must also take the content test in their major field. 128 credits are required for graduation from St. Joseph's College.

LIBERAL ARTS AND SCIENCES: ADOLESCENCE EDUCATION/HISTORY EMPHASIS (SOCIAL STUDIES) / A.A. DEGREE

(Jointly Registered with St. Joseph's College, leading to a B.A. degree in History)

Ammerman - Eastern - Grant / AEHE-AA Hegis Code - 5649

This program, which is jointly registered with St. Joseph's College, prepares students for careers in secondary education (grades 7-12). Students who complete the A.A. degree at Suffolk County Community College are assured seamless transfer to St. Joseph's College for the baccalaureate degree program. **However, students can also transfer to other New York State public and private four-year colleges to attain the baccalaureate degree and teacher certification.**

The Adolescence Education Emphasis at Suffolk offers a strong liberal arts foundation, while including courses specifically related to pedagogy. New York State teacher certification standards will be met through upper-level course work at St. Joseph's College, including supervised student teaching. Successful completion of the full program will qualify students for Initial Certification in secondary education.

Admission Procedures and Requirements

Admission to the A.A. Liberal Arts and Sciences: Adolescence Education/History (Social Studies) emphasis for entering students requires a Regent's Diploma and a minimum high school average of 80. Students already enrolled in college who wish to be admitted to the program must have completed ENG101: Standard Freshman Composition and a mathematics or laboratory science course with a combined GPA of 3.0 or better.

Graduates of the A.A. program at Suffolk will be required to have a 2.80 GPA to matriculate in the Adolescence Education program at St. Joseph's College.

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Program at Suffolk County Community College

FIRST SEMESTER: 16.5-17.5 credits *Credits*

COL101: Freshman Seminar	1.5
COM101: Introduction to Human Communication	
or COM105: Public Speaking	3
ENG101: Standard Freshman Composition	3
† Foreign Language	3
HIS101: Western Civilization I	3
‡ Mathematics Elective	3-4

SECOND SEMESTER: 17 credits

ENG102: Introduction to Literature	3
† Foreign Language	3
HIS102: Western Civilization II	3
Laboratory Science Elective	4
* Music Elective	3
Physical Education	1

THIRD SEMESTER: 16 credits

ECO111: Macroeconomics: The National Economy	3
HIS103: Foundations of American History	3
Physical Education	1
POL103: State and Local Politics and Government	3
SOC101: Introduction to Sociology	3
** Visual Arts Elective	3

FOURTH SEMESTER: 15-16 credits

EDU201: Introduction to Education	3
HIS104: Modern American History	3
‡ Mathematics/Laboratory Science Elective	3-4
*** Non-Western Social Sciences Elective	3
Philosophy Elective	3

TOTAL CREDITS REQUIRED: 64.5-66.5

* To be selected from MUS101, MUS103, MUS105, MUS117, MUS206, MUS210.

** To be selected from ART101, ART111, ART112 or ART113.

*** To be selected from GEO101, GEO102, GEO103, HIS118 or HIS119, POL107.

† Students are required to complete two semesters of a foreign language **in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements**, as follows: Elementary I/Elementary II or Elementary II/Intermediate I or Intermediate I/Intermediate II or Intermediate II/any advanced-level course. ASL not accepted for this requirement.

‡ No mathematics special topics courses.

REQUIRED CREDIT DISTRIBUTION AT
SUFFOLK COUNTY COMMUNITY COLLEGE

English	.6 credits
Humanities	.12 credits
Foreign Language	.6 credits
History	.12-15 credits
Social Sciences	.9-12 credits
Mathematics/Science	.10-12 credits
Education	.3 credits
Freshman Seminar	.1.5 credits
Physical Education	.2 credits

B.A. Program at St. Joseph’s College

FIFTH SEMESTER: 18 credits *Credits*

EDU 115: Educational Psychology	.3
HIS152: Contemporary International Problems or HIS310: American Foreign Policy	.3
History 200-Level Non-Western History Elective	.3
HIS422: Historiography	.3
POL102: Introduction to Political Science	.3
SPC218: Normal Language Development	.3

SIXTH SEMESTER: 15 credits

ECO278: Economic Geography	.3
EDU234: Sociological and Philosophical Foundations of Education	.2
EDU235: Instructional Strategies for Inclusion in the Classroom	.2
History 300-Level Elective	.3
HIS410: Seminar in Historical Methodology	.2
PSY200: Psychology of Learning	.3

SEVENTH SEMESTER: 16 credits

Art Elective	.3
EDU360: Methods of Secondary Education	.3
EDU363: Methods of Teaching History and Social Studies	.2
HIS411: Senior Thesis (Non-Western)	.2
POL103: American Government and Politics	.3
PSY220: Adolescent Psychology	.3

EIGHTH SEMESTER: 15 credits

Economics or Political Science Elective	.3
EDU473: Supervised Teaching in Secondary Schools	.6
History 300-Level Elective	.3
SPC Elective	.3

**Credits Required at St. Joseph’s
College: 64 credits**

**Credits Required at Suffolk County
Community College: 64.5-66.5 credits**

**Total Credits Required to Complete the Joint
Program: 128.5-130.5 for B.A. Degree**

All students are required to pass the LAST and ATS-W, the Certificate for Child Abuse and Violence Prevention, and be fingerprinted as required by New York State. Students must also take the content test in their major field. 128 credits are required for graduation from St. Joseph’s College.

LIBERAL ARTS AND SCIENCES: ADOLESCENCE EDUCATION/ MATHEMATICS EMPHASIS / A.A. DEGREE

(Jointly Registered with St. Joseph's College, leading to a B.A. or B.S. degree in Mathematics)

Ammerman - Eastern - Grant / AEMA-AA [B.A.], AEME-AA [B.S.] Hegis Code - 5649

This program, which is jointly registered with St. Joseph's College, prepares students for careers in secondary education (grades 7-12). Students who complete the A.A. degree at Suffolk County Community College are assured seamless transfer to St. Joseph's College for the baccalaureate degree program. **However, students can also transfer to other New York State public and private four-year colleges to attain the baccalaureate degree and teacher certification.**

The Adolescence Education Emphasis at Suffolk offers a strong liberal arts foundation, while including courses specifically related to pedagogy. New York State teacher certification standards will be met through upper-level course work at St. Joseph's College, including supervised student teaching. Successful completion of the full program will qualify students for Initial Certification in secondary education.

Admission Procedures and Requirements

Admission to the A.A. Liberal Arts and Sciences: Adolescence Education/Mathematics emphasis for entering students requires a Regent's Diploma, a minimum high school average of 80 and completion of high school mathematics sequence through Algebra 2/Trig or equivalent. Students already enrolled in college who wish to be admitted to the program must have completed ENG101 and MAT111 or equivalent (or a laboratory science course if no math course is required), with a combined GPA of 3.0 or better.

Graduates of the A.A. program at Suffolk will be required to have a 2.80 GPA to matriculate in the Adolescence Education program at St. Joseph's College.

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Program at Suffolk County Community College

FIRST SEMESTER: 17.5 credits *Credits*

COL101: Freshman Seminar	1.5
COM101: Introduction to Human Communication	
or COM105: Public Speaking	3
ENG101: Standard Freshman Composition	3
† Foreign Language	3
* MAT124: Fundamentals of Precalculus I	4
** Visual Arts Elective	3

SECOND SEMESTER: 18 credits

ENG102: Introduction to Literature	3
† Foreign Language	3
Laboratory Science Elective	4
* MAT125: Fundamentals of Precalculus II	4
*** Music Elective	3
Physical Education	1

THIRD SEMESTER: 15 credits

CST112: Introduction to Programming	4
HIS101: Western Civilization I	
or HIS102: Western Civilization II	3
MAT141: Calculus with Analytic Geometry I	4
Physical Education	1
SOC101: Introduction to Sociology	3

FOURTH SEMESTER: 17 credits

CST141: Principles of Computing Using Java	4
EDU201: Introduction to Education	3
HIS104: Modern American History or HIS103: Foundations of American History	3
MAT142: Calculus with Analytic Geometry II	4
‡ Non-Western Social Sciences Elective	3

TOTAL CREDITS REQUIRED: 67.5

* MAT126: Precalculus Mathematics cannot be substituted for MAT124 and MAT125.

** To be selected from ART101 ART111, ART112 or ART113.

*** To be selected from MUS101, MUS103, MUS105, MUS117, MUS206, MUS210.

† Students are required to complete two semesters of a foreign language **in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements**, as follows: Elementary I/Elementary II or Elementary II/Intermediate I or Intermediate I/Intermediate II or Intermediate II/any advanced-level course. ASL not accepted for this requirement.

‡ To be selected from GEO101, GEO102, GEO103, HIS118, HIS119, POL107.

REQUIRED CREDIT DISTRIBUTION AT
SUFFOLK COUNTY COMMUNITY COLLEGE

English	6 credits
Humanities	9 credits
Foreign Language	6 credits
Social Sciences	12 credits
Mathematics	16 credits
Science	4 credits
Computer Science	8 credits
Education	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

B.A. Program at St. Joseph's College¹

FIFTH SEMESTER: 16 credits	<i>Credits</i>
EDU 115: Educational Psychology	3
Elective	3
MAT207: Calculus III	4
Mathematics Elective	3
SPC218: Normal Language Development	3
SIXTH SEMESTER: 17 credits	
EDU234: Sociological and Philosophical Foundations of Education	2
EDU235: Instructional Strategies for Inclusion in the Classroom	2
EDU220: Adolescent Psychology	3
Elective	3
MAT208: Advanced Calculus	4
MAT356: Linear Algebra	3

SEVENTH SEMESTER: 17 credits	
EDU360: Methods of Secondary Education	3
EDU364: Methods in Teaching Mathematics	2
Elective	3
Fine Arts Elective	3
MAT246: Probability and Statistics	3
Mathematics Elective	3
EIGHTH SEMESTER: 15 credits	
EDU473: Supervised Teaching in Secondary Schools	6
Elective	3
MAT362: Modern Geometry	3
MAT471: Seminar	3

**Credits Required at St. Joseph's
College: 65 credits (73 for B.S. Degree)**

**Credits Required at Suffolk County
Community College: 67.5 credits**

**Total Credits Required to Complete the Joint Program:
132.5 for B.A. Degree; 140.5 for B.S. Degree**

¹ The B.S. in Mathematics at St. Joseph's College requires 8 additional credits: Physics 150 and 151.

All students are required to pass the LAST and ATS-W, the Certificate for Child Abuse and Violence Prevention, and be fingerprinted as required by New York State. Students must also take the content test in their major field. 128 credits are required for graduation from St. Joseph's College.

LIBERAL ARTS AND SCIENCES: EDUCATION (CHILD STUDY) EMPHASIS / A.A. DEGREE

(Jointly Registered with St. Joseph's College, leading to a B.A. degree in Child Study)

Ammerman - Eastern - Grant / EDCS-AA Hegis Code - 5649

This program, which is jointly registered with St. Joseph's College, prepares students for careers in early childhood, childhood, early childhood special education and childhood special education. Students who complete the A.A. degree at Suffolk County Community College are assured seamless transfer to St. Joseph's College for the baccalaureate degree program. **However, students can also transfer to other New York State public and private four-year colleges to attain the baccalaureate degree and teacher certification.**

The Education (Child Study) curriculum at Suffolk offers a strong liberal arts foundation while including courses specifically related to pedagogy. New York State teacher certification standards will be met through upper-level course work at St. Joseph's College, including supervised student teaching. Successful completion of the full program will qualify students for Initial Certification in the following four areas:

- Early Childhood (birth to second grade)
- Early Childhood Special Education (birth to second grade)
- Childhood (grades one through six)
- Childhood Special Education (grades one through six)

Admission Procedures and Requirements

Admission to the A.A. Liberal Arts and Sciences: Education (Child Study) Emphasis for entering students requires a Regent's Diploma and a minimum high school average of 80. Continuing students who wish to be admitted to the program must have completed ENG101, a mathematics or laboratory science course, and PSY101 with a combined GPA of 3.0 or better.

Graduates of the A.A. program at Suffolk will be required to have a 2.80 GPA to matriculate in the Child Study program at St. Joseph's College.

Program at Suffolk County Community College

FIRST SEMESTER: 16.5-17.5 credits *Credits*

COL101: Freshman Seminar	1.5
ENG101: Standard Freshman Composition	3
* Foreign Language	3
◇ Mathematics Elective	3-4
PSY101: Introduction to Psychology	3
** Visual Arts Elective	3

SECOND SEMESTER: 17 credits

COM101: Introduction to Human Communication or COM105: Public Speaking	3
ENG102: Introduction to Literature	3
* Foreign Language	3
Laboratory Science Elective	4
Physical Education	1
PSY203: Child Psychology	3

THIRD SEMESTER: 16-17 credits

HIS103: Foundations of American History or HIS104: Modern American History	3
◇ Mathematics Elective	3-4
† Music Elective	3
*** Philosophy Elective	3
Physical Education	1
PSY213: The Exceptional Child	3

FOURTH SEMESTER: 19 credits

‡ Course in Area of Concentration	3
EDU201: Introduction to Education	3
ENG201: Advanced Expository Writing	3
HIS101: Western Civilization I or HIS102: Western Civilization II	3
Laboratory Science Elective	4
POL103: State and Local Politics and Government	3

TOTAL CREDITS REQUIRED: 68.5-70.5

- * Students are required to complete two semesters of a foreign language **in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements**, as follows: Elementary I/Elementary II or Elementary II/Intermediate I or Intermediate I/Intermediate II or Intermediate II/any advanced-level course. ASL not accepted for this requirement.
- ** To be selected from ART101, ART111, ART112, ART113, ART114, ART124 or ART130.
- *** To be selected from PHL101, PHL104, PHL107, PHL111, PHL202 or PHL293.
- † To be selected from MUS101, MUS103, MUS105, MUS117.
- ‡ Child Study majors at St. Joseph's College are required to take 30 credits in an academic area of concentration, which include art, English, fine arts, geography, history, human relations, mathematics, mathematics and computer science, music, political science, psychology, science, social science, sociology, Spanish, speech communication, or another area with departmental approval. **Students should confer with a counselor or advisor regarding the list of SCCC courses that will satisfy this requirement.**
- ◇ No mathematics special topics courses.

REQUIRED CREDIT DISTRIBUTION AT SUFFOLK COUNTY COMMUNITY COLLEGE

English	9 credits
Humanities	12 credits
Foreign Language	6 credits
Social Sciences	18 credits
Mathematics/Science	14-16 credits
Education	3 credits
Area of Concentration	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

B.A. Program at St. Joseph's College

FIFTH SEMESTER: 18 credits	<i>Credits</i>
Course in area of concentration	3
Course in area of concentration	3
CS301: Literacy and Language in the Primary Grades	3
CS324: Special Education: Curriculum, Methods, Materials 1	3
CS308: Education for Preschool and Kindergarten Years	3
SPC224: Children's Literature and Oral Expression	3

SIXTH SEMESTER: 18 credits

Course in area of concentration	3
Course in area of concentration	3
CS302: Literacy and Language in the Intermediate Grades	3
CS303/304: Mathematics/Science in the Elementary School	3
CS325: Special Education: Curriculum, Methods, Materials 2	3
CS321: Psychoeducational Assessment	3

SEVENTH SEMESTER: 12 credits

Course in area of concentration	3
Course in area of concentration	3
CS352: Classroom Management	1
CS414: Supervised Student Teaching - Elementary School	5

EIGHTH SEMESTER: 17 credits

Course in area of concentration	3
Course in area of concentration	3
Course in area of concentration	3
CS 402: Research in Special Education	3
CS 424: Special Education Practicum	5

Credits Required at St. Joseph's College: 65 credits

Credits Required at Suffolk County Community College: 68.5-70.5 credits

Total Credits Required to Complete the Joint Program: 133.5-135.5¹

¹ The total credits required would likely be reduced, the amount depending on the student's choice of area of concentration. Some courses taken as part of the Liberal Arts Education (Child Study) Emphasis at Suffolk County Community College would likely count as courses taken in the area of concentration.

All students are required to pass the LAST and ATS-W, the Certificate for Child Abuse and Violence Prevention, and be fingerprinted as required by New York State. Students must also take the content test in their major field. 128 credits are required for graduation from St. Joseph's College.

LIBERAL ARTS AND SCIENCES: GENERAL STUDIES EMPHASIS / A.A. DEGREE

Ammerman - Eastern - Grant / LAGS-AA Hegis Code - 5649

This curriculum is designed for students seeking a liberal arts education which will develop their intellect, enhance their self-expression, contribute to a sense of self-fulfillment, and provide an understanding of our common cultural heritage. The program focuses on a central core of learning experiences in the arts, humanities, social sciences, natural sciences and mathematics and constitutes an ideal foundation and preparation for those students who plan to continue their studies toward a baccalaureate degree at a four-year college or university. At the same time, it also offers sufficient flexibility and opportunity for exploration to serve the needs of those students who are undecided about their career goals and who wish to explore diverse fields of interest.

FIRST SEMESTER: 17.5-18.5 Credits *Credits*

COL101: Freshman Seminar	1.5
COM101: Introduction to Human Communication or COM105: Public Speaking	3
ENG101: Standard Freshman Composition	3
HIS101: Western Civilization I or IND101: Civilization: The Human Experience I	3
Mathematics Elective	3-4
Physical Education	1
* Social Sciences Elective (see Note 2)	3

SECOND SEMESTER: 17 Credits

ENG102: Introduction to Literature	3
HIS102: Western Civilization II or IND102: Civilization : The Human Experience II	3
Laboratory Science Elective	4
Physical Education	1
* Social Sciences Elective (see Note 2)	3
** Visual Arts, Cinema Studies, Music, or Theatre Elective (ART, CIN, MUS, or THR) . . .	3

THIRD SEMESTER: 15-18 credits

† English Elective	3
*** Humanities Elective I: Philosophy or Foreign Language	3
Liberal Arts and Sciences Elective (see Note 2)	3-4
Mathematics or Science Elective	3-4
Unrestricted Elective (see Note 2)	3-4

FOURTH SEMESTER: 15-18 credits

*** Humanities Elective II: (see Footnote)	3
Mathematics or Science Elective	3-4
‡ Non-Western Social Sciences Elective	3
Unrestricted Electives (2 courses) (see Note 2)	6-8

TOTAL CREDITS REQUIRED: 64.5-71.5

- * Criminal Justice courses do not fulfill a social science requirement.
- ** This requirement cannot be fulfilled by MUS124, MUS128 or 2-credit music performance courses. It also cannot be fulfilled by ART115, ART116,

ART120-123, ART125-129, ART220, ART221-223, or ART229. The only Cinema Studies courses that can be used to fulfill this required are CIN114 and CIN156.

*** Humanities Electives I and II:

- If a philosophy course is selected to fulfill the Humanities Elective I, students can select one of the following to fulfill the Humanities Elective II: philosophy, foreign language, English, communications, or any other humanities course designated "HUM" except HUM130.
- If a foreign language course is selected to fulfill the Humanities Elective I, students must fulfill the Humanities Elective II by selecting either the next higher course in the same foreign language or a philosophy course.
 - † Any 3-credit English course above ENG102.
 - ‡ To be selected from ANT101, ANT105, ANT203, ANT205, ANT211, GEO101, GEO102, GEO103, HIS107, HIS118, HIS119, HIS120 or POL107.

NOTES: 1) *No more than 17 credits from any one discipline (e.g., SOC, MAT, THR) can be used to fulfill requirements.* 2) *Students planning to transfer to a SUNY four-year institution are strongly advised to take HIS103 or HIS104 as one of their social sciences, liberal arts and sciences or unrestricted electives, and to take at least one semester of a foreign language to fulfill a humanities, liberal arts and sciences or unrestricted elective. The SUNY core General Education requirements are explained on page 87 of this catalog.* 3) *See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION

English	9 credits
Humanities	6-12 credits
Foreign Language	0-6 credits
Social Sciences	15 credits (at least 6 credits must be in history)
Mathematics and Science	13-16 credits
Liberal Arts and Sciences Elective	3-4 credits
Unrestricted Electives	9-12 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

LIBERAL ARTS AND SCIENCES: HUMANITIES EMPHASIS / A.A. DEGREE

Ammerman / LACS-AA, LAEG-AA, LAFL-AA, LACW-AA, LAPL-AA
Hegis Code - 5649

The Humanities curriculum is designed to provide students with a rigorous introduction to the humanities as preparation for a variety of professions such as teaching, writing, law, film and communications. The curriculum attempts to balance the need for a broad background with an opportunity for an early experience in a particular branch of learning to foster greater depth of understanding.

Opportunities to explore specialized areas are offered as options in cinema studies, communications, creative writing, English, foreign language and philosophy. Each option provides students with a solid background for transfer to baccalaureate programs in a chosen field.

Admission Procedures and Requirements

Entering students should have an 80 or above high school average. Students already enrolled in college should demonstrate a minimum 3.0 GPA and can be admitted fall or spring. Students who do not meet the admission criteria may be admitted on a provisional basis.

Cinema Studies Option (LACS-AA)

FIRST SEMESTER: 16.5 credits Credits

- ♦ CIN111: Cinema Studies I: From Kinetoscopes to Kane 3
- COL101: Freshman Seminar 1.5
- **♦ Communications Elective 3
- ENG101: Standard Freshman Composition 3
- *♦ Foreign Language 3
- IND101: Civilization: The Human Experience I or HIS101: Western Civilization I 3

SECOND SEMESTER: 16-17 credits

- ♦ CIN112: Cinema Studies II: From Noir to Now 3
- ♦ ENG102: Introduction to Literature 3
- *♦ Foreign Language 3
- IND102: Civilization: The Human Experience II or HIS102: Western Civilization II 3
- *** Mathematics Elective 3-4
- Physical Education 1

THIRD SEMESTER: 17 credits

- † American History Elective 3
- ♦ CIN156: The Documentary Film 3
- ♦ Cinema Studies Elective 3
- Laboratory Science Elective 4
- ♦ Philosophy Elective 3
- Physical Education 1

FOURTH SEMESTER: 15-16 credits

- § ART / MUS / THR / Elective 3
- ♦ CIN113: American Cinema 3
- Δ Humanities Core Course 3
- Mathematics / Laboratory Science Elective 3-4
- ‡ Restricted Social Sciences Elective 3

TOTAL CREDITS REQUIRED: 64.5-66.5

* Students are required to complete two semesters of a foreign language **in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements**, as follows: Elementary I/Elementary II or Elementary II/Intermediate I or Intermediate I/Intermediate II or Intermediate II/ any advanced-level course.

** To be selected from COM101, COM102, COM105.

*** One course: MAT103, MAT124 or higher.

† One course to be chosen from HIS103, HIS104, POL105.

‡ A social sciences elective that deals with Other World Civilizations to be chosen from the following: ANT101, ANT105, ANT203, ANT205, ANT211, GEO101, GEO102, GEO103, HIS107, HIS118, HIS119, HIS120, POL107.

§ One course to be selected from the following: ART101, ART111, ART112, ART113, ART114, ART124, ART130, ART133, ART135, ART141, ART155, ART161, ART171, ART181, ART202, ART209, ART210, MUS101, MUS103, MUS105, MUS117, MUS120, MUS122, MUS123, MUS131, MUS132, MUS133, MUS134, MUS135, MUS206, MUS210, THR101, THR105, THR131, THR211, THR212. (MUS131-135 can be used only if they add up to four credits.)

Δ One course from the following: ENG212, COM202, PHL111 or HUM115.

♦ These courses constitute the major courses in this curriculum.

NOTES: 1) Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses. 2) See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION

Cinema Studies . . . . .	.15 credits
English . . . . .	.6 credits
Foreign Language . . . . .	.6 credits
Social Sciences . . . . .	.12 credits
Mathematics and Science	10-12 credits
Humanities . . . . .	.12 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

Creative Writing Option (LACW-AA)

FIRST SEMESTER: 16.5 credits Credits

COL101: Freshman Seminar	1.5
** Communications Elective	3
ENG101: Standard Freshman Composition	3
* Foreign Language	3
♦ Humanities Elective	3
IND101: Civilization: The Human Experience I or HIS101: Western Civilization I	3

SECOND SEMESTER: 16-17 credits

♦ ENG102: Introduction to Literature	3
♦ ENG131: Creative Writing	3
* Foreign Language	3
IND102: Civilization: The Human Experience II or HIS102: Western Civilization II	3
*** Mathematics Elective	3-4
Physical Education	1

THIRD SEMESTER: 17 credits

† American History Elective	3
♦ ENG203: Advanced Creative Writing/Fiction or ENG204: Advanced Creative Writing/Poetry	3
Laboratory Science Elective	4
♦ Philosophy Elective	3
Physical Education	1
‡ Restricted Social Sciences Elective	3

FOURTH SEMESTER: 15-17 credits

§ ♦ ART/CIN/MUS/THR Elective	3-4
ENG213: English Literature I, ENG214: English Literature II, ENG215: American Literature I or ENG216: American Literature II	3
♦ English Elective	3
Δ ♦ Humanities Core Course	3
Mathematics/Laboratory Science Elective	3-4

TOTAL CREDITS REQUIRED: 64.5-67.5

- * Students are required to complete two semesters of a foreign language in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements, as follows: Elementary I/Elementary II or Elementary II/Intermediate I or Intermediate I/Intermediate II or Intermediate II/any advanced-level course.
- ** To be selected from COM101, COM102, COM105.

- *** One course: MAT103, MAT124 or higher.
- † One course to be chosen from HIS103, HIS104, POL105.
- ‡ A social sciences elective that deals with Other World Civilizations to be chosen from the following: ANT101, ANT105, ANT203, ANT205, ANT211, GEO101, GEO102, GEO103, HIS107, HIS118, HIS119, HIS120, POL107.
- § One course to be selected from the following: ART101, ART111, ART112, ART113, ART114, ART124, ART130, ART133, ART135, ART141, ART155, ART161, ART171, ART181, ART202, ART209, ART210, CIN114, CIN156, MUS101, MUS103, MUS105, MUS117, MUS120, MUS122, MUS123, MUS131, MUS132, MUS133, MUS134, MUS135, MUS206, MUS210, THR101, THR105, THR131, THR211, THR212. (MUS131-135 can be used only if they add up to four credits.)
- Δ One course from ENG212, COM202, PHL111 or HUM115.
- ♦ These courses constitute the major courses in this curriculum.

NOTES: 1) Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses. 2) See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION

English . . . . .	.18 credits
Foreign Language . . . . .	.6 credits
Social Sciences . . . . .	.12 credits
Mathematics and Science	10-12 credits
Humanities . . . . .	.15 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

English Option (LAEG-AA)

FIRST SEMESTER: 16.5 credits Credits

COL101: Freshman Seminar	1.5
** Communications Elective	3
ENG101: Standard Freshman Composition	3
* Foreign Language	3
♦ Humanities Elective	3
IND101: Civilization: The Human Experience I or HIS101: Western Civilization I	3

SECOND SEMESTER: 16-17 credits

♦ ENG102: Introduction to Literature	3
Ω ♦ English Elective	3
* Foreign Language	3
IND102: Civilization: The Human Experience II or HIS102: Western Civilization II	3
*** Mathematics Elective	3-4
Physical Education	1

THIRD SEMESTER: 17 credits

- † American History Elective 3
- Ω English Elective 3
 - Laboratory Science Elective 4
- ◆ Philosophy Elective 3
- Physical Education 1
- ‡ Restricted Social Sciences Elective 3

FOURTH SEMESTER: 15-17 credits

- § ART/CIN/MUS/THR Elective 3-4
- Δ Humanities Core Course 3
- Ω English Electives (2 courses) 6
 - Mathematics/Laboratory Science Elective 3-4

TOTAL CREDITS REQUIRED: 64.5-67.5

* Students are required to complete two semesters of a foreign language **in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements**, as follows: Elementary I/Elementary II or Elementary II/Intermediate I or Intermediate I/Intermediate II or Intermediate II/any advanced-level course.

** To be selected from COM101, COM102, COM105.

*** One course: MAT103, MAT124 or higher.

† One course to be chosen from HIS103, HIS104, POL105.

‡ A social sciences elective that deals with Other World Civilizations to be chosen from the following: ANT101, ANT105, ANT203, ANT205, ANT211, GEO101, GEO102, GEO103, HIS107, HIS118, HIS119, HIS120, POL107.

§ One course to be selected from the following: ART101, ART111, ART112, ART113, ART114, ART124, ART130, ART133, ART135, ART141, ART155, ART161, ART171, ART181, ART202, ART209, ART210, CIN114, CIN156, MUS101, MUS103, MUS105, MUS117, MUS120, MUS122, MUS123, MUS131, MUS132, MUS133, MUS134, MUS135, MUS206, MUS210, THR101, THR105, THR131, THR211, THR212. (MUS131-135 can be used only if they add up to four credits.)

Ω At least one of these courses must be a literature course.

Δ One course from ENG212, COM202, HUM115 or PHL111.

◆ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses.* 2) *See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION

- English 18 credits
- Foreign Language 6 credits
- Social Sciences 12 credits
- Mathematics and Science 10-12 credits
- Humanities 15 credits
- Freshman Seminar 1.5 credits
- Physical Education 2 credits

Foreign Language Option (LAFL-AA)**FIRST SEMESTER: 16.5 credits** *Credits*

- COL101: Freshman Seminar 1.5
- ** Communications Elective 3
 - ENG101: Standard Freshman Composition 3
- * Foreign Language 3
- ◆ Humanities Elective 3
 - IND101: Civilization: The Human Experience I or HIS101: Western Civilization I 3

SECOND SEMESTER: 16-17 credits

- § ART/CIN/MUS/THR Elective 3
- ◆ ENG102: Introduction to Literature 3
- * Foreign Language 3
 - IND102: Civilization: The Human Experience II or HIS102: Western Civilization II 3
- *** Mathematics Elective 3-4
 - Physical Education 1

THIRD SEMESTER: 17 credits

- † American History Elective 3
- Ω English Elective 3
 - * Foreign Language 3
 - Laboratory Science Elective 4
 - ◆ Philosophy Elective 3
 - Physical Education 1

FOURTH SEMESTER: 15-16 credits

- * Foreign Language 3
- ◆ Foreign Language Elective 3
- Δ Humanities Core Course 3
 - Mathematics/Laboratory Science Elective 3-4
 - ‡ Restricted Social Sciences Elective 3

TOTAL CREDITS REQUIRED: 64.5-66.5

* Students are required to complete four semesters of foreign language **in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements**, as follows: Elementary I/Elementary II/Intermediate I/Intermediate II/Advanced-Level courses.

** To be selected from COM101, COM102, COM105.

*** One course: MAT103, MAT124 or higher.

† One course to be chosen from HIS103, HIS104, POL105.

‡ A social sciences elective that deals with Other World Civilizations to be chosen from the following: ANT101, ANT105, ANT203, ANT205, ANT211, GEO101, GEO102, GEO103, HIS107, HIS118, HIS119, HIS120, POL107.

§ One course to be selected from the following:
 ART101, ART111, ART112, ART113, ART114,
 ART124, ART130, ART133, ART135, ART141,
 ART155, ART161, ART171, ART181, ART202,
 ART209, ART210, CIN114, CIN156, MUS101,
 MUS103, MUS105, MUS117, MUS120, MUS122,
 MUS123, MUS131, MUS132, MUS133, MUS134,
 MUS135, MUS206, MUS210, THR101, THR105,
 THR131, THR211, THR212. (MUS131-135 can be
 used only if they add up to four credits.)

Ω Any 3-credit English course above ENG102.

Δ One course from COM202, ENG212, HUM115 or
 PHL111.

◆ These courses constitute the major courses in this
 curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-
 year institution should check the SUNY core General
 Education requirements on page 87 of this catalog for
 information on selection of elective courses.* 2) *See
 Transfer Opportunities on page 26 for articulation
 agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION

Foreign Language	15 credits
English	9 credits
Social Sciences	12 credits
Mathematics and Science	10-12 credits
Humanities	15 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

Philosophy Option (LAPL-AA)

FIRST SEMESTER: 16.5 credits

COL101: Freshman Seminar	1.5	Credits
**◆ Communications Elective	3	
ENG101: Standard Freshman Composition	3	
*◆ Foreign Language	3	
IND101: Civilization: The Human Experience I or HIS101: Western Civilization I	3	
†◆ Philosophy Elective	3	

SECOND SEMESTER: 16-17 credits

◆ ENG102: Introduction to Literature	3
*◆ Foreign Language	3
IND102: Civilization: The Human Experience II or HIS102: Western Civilization II	3
*** Mathematics Elective	3-4
†◆ Philosophy Elective	3
Physical Education	1

THIRD SEMESTER: 17 credits

**** American History Elective	3
§◆ ART/CIN/MUS/THR Elective	3
Laboratory Science Elective	4
†◆ Philosophy Electives (2 courses)	6
Physical Education	1

FOURTH SEMESTER: 15-16 credits

Ω◆ English Elective	3
Δ◆ Humanities Elective	3
Mathematics/Laboratory Science Elective	3-4
†◆ Philosophy Elective	3
‡ Restricted Social Sciences Elective	3

TOTAL CREDITS REQUIRED: 64.5-66.5

* Students are required to complete two semesters
 of a foreign language **in sequence based on
 completion of prerequisite or fulfillment of
 equivalent high school placement requirements**,
 as follows: Elementary I/Elementary II or
 Elementary II/Intermediate I or Intermediate I/
 Intermediate II or Intermediate II/ any advanced-
 level course.

** To be selected from COM101, COM102, COM105.

*** One course: MAT103, MAT124 or higher.

**** One course to be chosen from HIS103, HIS104,
 POL105.

† To be selected with advice of Philosophy
 Department advisor. Students enrolled in the
 Philosophy option must take at least one course
 in each of the following areas:

I. Reasoning (PHL104: Critical Thinking;
 PHL105: Logic)

II. Values (PHL107: Ethics; PHL211: Biomedical
 Ethics; PHL212: Ethics Issues in Business;
 PHL293: Philosophy of Art)

III. History (PHL111: World Philosophies;
 PHL201: History of Philosophy I; PHL202:
 History of Philosophy II;)

‡ A social sciences elective that deals with Other
 World Civilizations to be chosen from the
 following: ANT101, ANT105, ANT203, ANT205,
 ANT211, GEO101, GEO102, GEO103, HIS107,
 HIS118, HIS119, HIS120, POL107.

§ One course to be selected from the following:
 ART101, ART111, ART112, ART113, ART114,
 ART124, ART130, ART133, ART135, ART141,
 ART155, ART161, ART171, ART181, ART202,
 ART209, ART210, CIN114, CIN156, MUS101,
 MUS103, MUS105, MUS117, MUS120, MUS122,
 MUS123, MUS131, MUS132, MUS133, MUS134,
 MUS135, MUS206, MUS210, THR101, THR105,
 THR131, THR211, THR212. (MUS131-135 can be
 used only if they add up to four credits.)

Ω Any 3-credit English course above ENG102.

Δ One course from COM202, ENG212, HUM115 or
 PHL111.

◆ These courses constitute the major courses in this
 curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-
 year institution should check the SUNY core General
 Education requirements on page 87 of this catalog for
 information on selection of elective courses.* 2) *See
 Transfer Opportunities on page 26 for articulation
 agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION	
Philosophy	15 credits
English	9 credits
Foreign Language	6 credits
Social Sciences	12 credits

Mathematics and Science	10-12 credits
Humanities	9 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

LIBERAL ARTS AND SCIENCES: INTERNATIONAL STUDIES EMPHASIS / A.A. DEGREE

Ammerman - Eastern - Grant / LAIS-AA Hegis Code - 5622

This curriculum is designed to prepare students for transfer to a four-year college or university to pursue a baccalaureate degree in some area of international studies. The program is part of a larger education movement which recognizes the need to respond to the globalization of the economy, the interdependence of nations and peoples, and the growth of international political institutions. Students in this program will ultimately seek careers in government or the private sector with an international orientation or emphasis.

There are three options or areas of specialization within the program: business, humanities and social science. The study of foreign languages is an important component of the program. Foreign travel and learning about foreign cultures are also encouraged.

Admission Procedures and Requirements

For entering students, the minimum requirement for admission is an 80 high school average. Students already enrolled in college need 12 credits with a 3.0 GPA or better.

FIRST SEMESTER: 17.5 Credits	Credits
COL101: Freshman Seminar	1.5
COM101: Introduction to Human Communication or COM105: Public Speaking	3
CST101: Introduction to Computing	4
ENG101: Standard Freshman Composition	3
* Foreign Language Elective	3
MAT103: Statistics I	3
SECOND SEMESTER: 17 Credits	
♦ ANT101: Cultural Anthropology	3
ENG102: Introduction to Literature	3
* Foreign Language Elective	3
Laboratory Science Elective	4
♦ Option Elective (see below)	3
Physical Education	1
THIRD SEMESTER: 19 credits	
♦ BUS141: Fundamentals of International Business	3
ECO112: Microeconomics: Prices and Markets	3
* Foreign Language Elective	0-3
♦ GEO101: World Regional Geography	3
Liberal Arts Elective	3
Physical Education	1
♦ Option Elective (see below)	3
FOURTH SEMESTER: 15 credits	
* Foreign Language Elective	3
♦ HIS118: Major World Cultures	3
*** International Placement	3
** Restricted Social Sciences Elective	3
♦ Option Elective (see below)	3

Business Option

9 credits

- ♦ BUS143: Fundamentals of Exporting
and Importing
- MKT101: Marketing
- ♦ MKT220: International Marketing

Humanities Option

9 credits

- ♦ ENG212: Contemporary Global Literature .. 3
- † Humanities Elective
- ♦ PHL111: World Philosophies

Social Sciences Option

9 credits

- HIS101: Western Civilization I
or HIS102: Western Civilization II
- ♦ HIS107: Modern World History
- ♦ POL107: World Politics

TOTAL CREDITS REQUIRED: 68.5

* Students must complete 12 credits in a foreign language sequence, at least to the level of Intermediate II (i.e., FRE202, GER202, ITL202, JPN202, SPN202). Students who enter with advanced placement beyond Intermediate II must take advanced courses in the same language. An exception applies to students who have achieved a high school diploma (or equivalent) or a more advanced degree in a non-English speaking country, in which event they may be eligible to substitute other humanities courses for the foreign language requirement, pending department approval. Students who have completed a foreign language sequence/

course at SCCC for which the college does not offer more advanced courses must take the remaining required language credits in another foreign language.

** The restricted social sciences elective must be chosen from the following: HIS101, HIS102, HIS107, POL107, ANT211.

*** Business Option students fulfill the international placement requirement with BUS150. If funds or arrangements are not available, students in the Business Option may meet the requirement with business electives approved by the business administration academic chair. Students in the Humanities and Social Science Options may meet the requirement with restricted electives in their respective disciplines upon consultation with an academic advisor.

† Humanities electives must be chosen from the following: COM202, ENG143, ENG144, ENG211, ART111, ART112, ART113, MUS206, MUS210.

♦ These courses constitute the major courses in this curriculum.

NOTES: 1) *If a student has already taken all the restricted electives in an option, then he or she may take any elective in liberal arts or business to fulfill curriculum requirements.* 2) *This curriculum is currently not offered in its entirety at the Eastern Campus.* 3) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses.* 4) *See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION

English	6-9 credits
Foreign Language	12 credits
Social Sciences	12-15 credits
Humanities.....	3-9 credits
History	3-9 credits
Mathematics and Science.....	7 credits
Business and Computer Science.....	7-16 credits
International Placement	3 credits
Liberal Arts Elective	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

LIBERAL ARTS AND SCIENCES: MATHEMATICS EMPHASIS / A.A. DEGREE

156

**Ammerman / LAMA-AA
Hegis Code - 5649**

This curriculum is designed for students who intend to pursue studies at a four-year college in mathematics or math related fields. The curriculum provides the necessary foundation for transferring at the junior level.

Admission Procedures and Requirements

Entering students must have an 80 high school average, with four years of math completed including precalculus. Students already enrolled in college must have completed MAT125 or MAT126 with a C or better. Students are admitted on a rolling basis, fall and spring.

SUGGESTED FIRST-YEAR PROGRAM:

32.5 credits	<i>Credits Each Semester</i>
COL101: Freshman Seminar	1.5 -
ENG101: Standard Freshman	3 -
Composition	
ENG102: Introduction to Literature.	3 -
CST112: Introduction to Programming	4 -
**History Elective	3 -
Humanities Elective.....	3 -
♦MAT141: Calculus with Analytic Geometry I	4 -
♦MAT142: Calculus with Analytic Geometry II.....	4 -
Physical Education.....	1 -
Social Sciences Electives	3 3

SUGGESTED SECOND-YEAR PROGRAM:

30 credits	<i>Credits Each Semester</i>
Humanities Electives	3 3
♦MAT200: Language, Logic and Proof ..	3 -
♦MAT203: Calculus with Analytic Geometry III	4 -
♦MAT204: Differential Equations.....	4 -
♦MAT206: Linear Algebra.....	4 -
Physical Education.....	1 -
* Science Elective	4 4

TOTAL CREDITS REQUIRED: 62.5

* Recommended: PHY130, PHY132, PHY230, PHY232, CHE133, or CHE134.

** To be selected from: HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120.

♦ These courses constitute the major courses in this curriculum.

Curricula

NOTES: 1) Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses. 2) See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION

Mathematics . . . . .	.23 credits
Computer Science . . . . .	.4 credits
English . . . . .	.6 credits
History . . . . .	.3 credits
Humanities . . . . .	.9 credits
Social Sciences . . . . .	.6 credits
Science . . . . .	.8 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

LIBERAL ARTS AND SCIENCES: SCIENCE EMPHASIS / A.S. DEGREE

Ammerman - Eastern - Grant / LABI-AS, LAFR-AS, LAGE-AS (LAAS-AS, LAME-AS), LASC-AS, LAPH-AS
Hegis Code - 5649

Admission Procedures and Requirements

Entering students must have a minimum high school average of 80 including three years of science and completion of high school mathematics sequence through Algebra2/Trig or equivalent. Students already enrolled in college need MAT111. Students are admitted on a rolling basis, fall and spring, with most students who meet minimum standards admitted.

NOTE: Upper-level science courses are currently not offered at the Eastern Campus on a regular basis. Eastern Campus science students may be required to complete the upper-level science sequence at the Ammerman Campus.

Biology Option (LABI-AS)

This option is designed for students planning a career in medicine, dentistry, pharmacy, scientific research, applied science, environmental science or the teaching of science in schools and colleges. Upon successful completion of this program, graduates usually transfer as juniors to four-year colleges where they complete the baccalaureate degree before proceeding to graduate school and professional study in their chosen field.

Credits SUBJECT AREA*

- 12 BIOLOGY
 - BIO150 and BIO152 should be taken first and then at least one other course selected from the following: BIO210, BIO262, BIO270, BIO272
- 8 CHEMISTRY
 - CHE133-134
- 1.5 COL101
- 6 ENGLISH
 - ENG101 and ENG102
- 9 HUMANITIES
 - Three humanities electives
- 14-18 LIBERAL ARTS/SCIENCE
 - Either CHE250-251 or PHY101-102 or PHY130-132 and PHY230-232 must be included in these electives
- 8 MATHEMATICS
 - MAT141 and MAT142
- 2 PHYSICAL EDUCATION

9 SOCIAL SCIENCES

Three social sciences electives, including one history elective to be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120

NOTES: 1) PHY130-132 and PHY230-232 are not offered on the Eastern and Grant campuses. CHE250-251 is not offered on the Eastern campus. 2) See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.

TOTAL CREDITS: 69.5-73.5

Environmental Science/Forestry Option (LAFR-AS)

This option is designed for, but not limited to, students intending to transfer to the SUNY College of Environmental Science and Forestry at Syracuse to major in Environmental Resource Management. Students who wish to pursue careers in landscape architecture, environmental planning or environmental analysis should consult an Environmental Science faculty advisor.

Credits SUBJECT AREA*

- 1.5 COL101
- 6 ENGLISH
 - ENG101 and ENG121
- 9 HUMANITIES
 - COM101 and two humanities electives

- 8 MATHEMATICS
MAT141 and MAT142
- 2 PHYSICAL EDUCATION
- ♦31 SCIENCE
BIO150-152, BIO210, CHE133-134,
PHY130-132, PHY230-232, ENV128
- 9 SOCIAL SCIENCES
Three social sciences electives, to be selected from SOC101, POL103, ECO111, ECO112, and one history elective to be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120

TOTAL CREDITS REQUIRED: 66.5

Chemistry Option (LASC-AS)

This option is designed for students planning a career in medicine, dentistry, pharmacy, scientific research, applied science or the teaching of science in schools and colleges. Upon successful completion of this program, graduates usually transfer as juniors to four-year colleges where they pursue a baccalaureate degree before proceeding to graduate school and professional study in their chosen field.

- Credits* SUBJECT AREA*
- ♦18 CHE133-CHE134, CHE250-CHE251
- 1.5 COL101
- 6 ENGLISH
ENG101 and ENG102
- 9 HUMANITIES
Three humanities electives
- ♦14-16 LIBERAL ARTS/SCIENCE
PHY130-132 and PHY230-232 must be included in these electives
- 8 MATHEMATICS
MAT141 and MAT142
- 2 PHYSICAL EDUCATION
- 9 SOCIAL SCIENCES
Three social sciences electives, including one history elective to be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119 and HIS120

NOTE: *PHY130-132 and PHY230-232 are not offered on the Eastern and Grant campuses. CHE250-251 is not offered on the Eastern campus.*

TOTAL CREDITS REQUIRED: 67.5-69.5

Earth and Space Science Option (LAGE-AS, LAAS-AS, LAME-AS)

This option is for students planning a career in scientific research, applied science or the teaching of science in schools and colleges. Upon successful completion of this program, graduates usually transfer as juniors to four-year colleges where they pursue the baccalaureate

degree before proceeding to graduate school and professional study in their chosen field. Separate sequences are offered in astronomy, geology and meteorology, as described below.

REQUIRED CORE COURSES

- Credits* SUBJECT AREA*
- 1.5 COL101
- 6 ENGLISH
ENG101 and ENG102
- 9 HUMANITIES
Three humanities electives
- ♦12-14 LIBERAL ARTS/SCIENCE
- 8 MATHEMATICS (see sequences below)
MAT141 and MAT142
- 2 PHYSICAL EDUCATION
- ♦16-24 SCIENCE (see sequences below)
- 9 SOCIAL SCIENCES
Three social sciences electives, including one history elective to be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119 and HIS120

ASTRONOMY SEQUENCE (LAAS-AS)

AST101, AST102, AST201
PHY130-132 (MAT141 must be completed first)
PHY230-232 (MAT142 and PHY130-132 must be completed first)

GEOLOGY SEQUENCE (LAGE-AS)

CHE133-134, ESC101-102, PHY130-132,
PHY230-232

METEOROLOGY SEQUENCE (LAME-AS)

CHE133-134
MAT203
MET101-102
PHY130-132 (MAT141 must be completed first)
PHY230-232 (MAT142 and PHY130-132 must be completed first)

NOTE: *PHY101-102, PHY130-132 and PHY230-232 are not offered on the Eastern Campus; MET102, PHY130-132 and PHY230-232 are not offered on the Grant Campus.*

TOTAL CREDITS REQUIRED: 63.5-77.5

Physics Option (LAPH-AS)

The Physics Option is for students planning a career in scientific research, applied science or science teaching. Graduates of this program usually transfer as juniors to four-year colleges where they pursue the baccalaureate degree before proceeding to graduate school and professional study in their chosen field.

- Credits* SUBJECT AREA*
- 1.5 COL101
- 6 ENGLISH
ENG101 and ENG102
- 9 HUMANITIES
Three humanities electives
- ♦9-11 LIBERAL ARTS/SCIENCE
Recommended Electives:
ENS118, ENS119, CHE133, CHE134

- 16 MATHEMATICS
MAT141, MAT142, MAT203, MAT204
- 2 PHYSICAL EDUCATION
- ♦16 PHYSICS
PHY130-132 (MAT141 must be completed first)
PHY230-232 (MAT142 and PHY130-132 must be completed first)
PHY245-246 (MAT204 and PHY230-232 must be completed first; MAT203 is a corequisite)
PHY247-248 (PHY245-246 are corequisites)
- 9 SOCIAL SCIENCES
Three social sciences electives, including one history elective to be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119 and HIS120

TOTAL CREDITS REQUIRED: 68.5-70.5

* Many courses have prerequisites (courses or skills that must be completed or attained).

These prerequisites, which must be completed before a course is taken, are listed in the course descriptions.

- ♦ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses.* 2) *See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION

English .....	.6 credits
Humanities .....	.9 credits
History .....	.3 credits
Social Sciences .....	.6 credits
Mathematics	8-16 credits
Biology	0-20 credits
Chemistry	0-18 credits
Earth and Space Science	0-12 credits
Physics	0-16 credits
Environment	0-3 credits
Freshman Seminar	1.5 credits
Physical Education .....	.2 credits

LIBERAL ARTS AND SCIENCES: SOCIAL SCIENCE EMPHASIS / A.A. DEGREE

Ammerman - Grant / LASH-AA, LASS-AA, LASP-AA, LASA-AA
Hegis Code - 5649

This program is for students who plan careers in such areas as law, government, social work, teaching social studies on the secondary level, or who plan to major in history, political science, psychology, or sociology when they transfer to a four-year institution to complete the requirements for the baccalaureate degree.

Admission Procedures and Requirements

Entering students should have a minimum high school average of 80 with Integrated Algebra or equivalent completed. Students already enrolled in college should have completed MAT006 or MAT007. Students are admitted on a rolling basis with most students meeting minimum standards admitted. Note that students who do not meet the admission criteria may be admitted on a provisional basis.

SUGGESTED FIRST-YEAR PROGRAM:

34.5-35.5 credits	Credits Each Semester	
COL101: Freshman Seminar	1.5	–
ENG101 and ENG102	3	3
* Foreign Language	3	3-4
♦ HIS101 or IND101 and HIS102 or IND102	3	3
** Laboratory Science Elective	–	4
** MAT103: Statistics	3	–
Physical Education	1	1
♦ Social Sciences Option Courses (see below)	3	3

SUGGESTED SECOND-YEAR PROGRAM:

31-33 credits	Credits Each Semester	
COM101, COM102 or COM105	3	–
CST101: Introduction to Computing	–	4
English Electives	3	3
** Science or Mathematics Electives	3-4	3-4
♦ Social Sciences Option Courses (see below)	3	3
♦ Social Sciences Electives	3	3

OPTIONS

Each of the options listed below allows the student the opportunity to focus on and explore a particular social science. By selecting an option, the student is afforded the opportunity to gain both a level of depth traditionally associated with the first two years of college and to acquire the necessary background to transfer to a four-year college as a major. All students enrolling in the curriculum must select an option.

HISTORY OPTION (LASH)

Semester I	Semester II	Semester III	Semester IV
HIS103	HIS104	GEO101	HIS/POL/ GEO elective

POLITICAL SCIENCE OPTION¹ (LASS)

Semester I	Semester II	Semester III	Semester IV
POL101	POL105	POL107	POL elective

PSYCHOLOGY OPTION² (LASP)

Semester I	Semester II	Semester III	Semester IV
PSY101	PSY210	PSY215	PSY elective

SOCIOLOGY/ANTHROPOLOGY OPTION (LASA)

Semester I	Semester II	Semester III	Semester IV
SOC101	ANT101	SOC203	SOC/ANT or ANT103
			elective

TOTAL CREDITS REQUIRED: 65.5-68.5

* Students must complete Foreign Language 102 or equivalent. Those who place out of Foreign Language 102 (FRE102, FRE113, GER102, ITL102, ITL113, SPN102 or SPN113) must, in consultation with an advisor, choose from any of the following courses:

- FRE (French, intermediate level)
- GER (German, intermediate level)
- ITL (Italian, intermediate level)
- SPN (Spanish, intermediate level)
- ASL101 (American Sign Language I)
- Any humanities course

** Students must complete four semester-length courses in science and mathematics, including at least one 4-credit laboratory science course. The third and fourth courses may be in either science or mathematics. No portion of this category may be satisfied by MAT001, MAT006 or MAT007.

¹ It is recommended that students enrolled in the Political Science Option take MAT121 as one of their math/science electives.

² It is recommended that students enrolled in the Psychology Option take BIO101 and MAT121 as their math/science electives.

♦ These courses constitute the major courses in this curriculum.

NOTES: 1) Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses. 2) See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION	
English	12 credits
Foreign Language, Humanities and/or American Sign Language.....	9-10 credits
Computer Science	4 credits

Mathematics and Science.....	13-15 credits
Social Sciences	24 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

LIBERAL ARTS AND SCIENCES: WOMEN'S AND GENDER STUDIES EMPHASIS / A.A. DEGREE

Ammerman / LAWS-AA Hegis Code - 5622

This interdisciplinary program is designed for students interested in learning about the various aspects of sex and gender, gender roles, and gender identity; the achievements of women in the past and present; the history of the Women's Movement; and the representations of women and men as conveyed in language, the arts, philosophy, religion, and science. The program responds to the needs of women in the twenty-first century and places special emphasis on the ideas that encompass our society's rapidly changing expectations for women and men, nationally and globally. Drawing on a rich body of critical scholarship and cultural texts from diverse academic areas as well as students' personal experiences, the program addresses issues and questions often overlooked in other disciplines.

In addition to providing a general education, the program offers a set of analytical tools which will serve as a valuable stepping stone for a variety of four-year degrees (including a degree in Women's Studies) and which will assist students in embarking on a wide range of careers, such as, law, law enforcement, social work, psychology, medical fields, education, communications, journalism, or business.

Students are encouraged to discuss their educational and career plans with a designated counselor or faculty advisor.

FIRST SEMESTER: 17.5-18.5 credits Credits

COM101: Introduction to Human Communication or COM102: Interpersonal Communication or COM105: Public Speaking.....	3
ENG101: Standard Freshman Composition	3
♦ HUM116/WST116: Gender and the Humanities.....	3
IND101: Civilization: The Human Experience I or HIS101: Western Civilization I	3
Mathematics Elective.....	3-4
Physical Education.....	1
♦ WST112: Women's Seminar	1.5

SECOND SEMESTER: 17 credits

ENG102: Introduction to Literature	3
IND102: Civilization: The Human Experience II or HIS102: Western Civilization II.....	3
Laboratory Science Elective	4
♦ PHL113: Philosophy of Human Liberation ..	3
Physical Education.....	1
Social Sciences Elective	3

THIRD SEMESTER: 15-16 credits

ART/CIN/MUS/THR Elective	3
Mathematics/Science Elective	3-4
*♦ Restricted Women's and Gender Studies Elective	3
** Restricted Social Sciences Elective.....	3
Unrestricted Elective	3

FOURTH SEMESTER: 13 credits

English Elective	3
Humanities Elective.....	3
Mathematics/Science Elective.....	4
***♦ SOC215: Sociology of Gender or HIS105: Women's Role in American History or PSY212: Psychology of Gender.....	3

TOTAL CREDITS REQUIRED: 62.5-64.5

* Elective must be selected from the following:
HUM114, WST122/HUM122, WST124/HUM124,
WST130/HUM130, WST149/HUM149.

** A social sciences elective that deals with Other
World Civilizations, to be chosen from the
following: ANT101, ANT105, ANT203, ANT205,
ANT211, GEO102, GEO103, HIS107, HIS109,
HIS118, HIS120, POL107.

*** SOC101 is a prerequisite for SOC215. Students
who plan to take SOC215 should also plan to
take SOC101 in one of the preceding semesters.
SOC101 could be taken as the social sciences
elective in the second semester or as the
unrestricted elective in the third semester.

PSY101 is a prerequisite for PSY212. Student
who plan to take PSY212 should also plan to take
PSY101 in one of the preceding semesters. PSY01
could be taken as the social sciences elective in the
second semester or as the unrestricted elective in
the third semester.

For up-to-date information on program requirements, please refer to the SCCC website at www.sunysuffolk.edu

- ♦ These courses constitute the major courses in this curriculum.

NOTES: 1) Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses. 2) See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION

English	.9 credits
Social Sciences	.15 credits
Women's and Gender Studies	.75 credits
Mathematics/Science	.14 credits
Communications	.3 credits
ART/CIN/MUS/THR	.3 credits
Humanities	.6 credits
Unrestricted Electives	.3 credits
Physical Education	.2 credits

MANUFACTURING TECHNOLOGY / A.A.S. DEGREE

Grant / MFTY-AAS

Hegis Code - 5312

The Manufacturing Technology associate degree program provides a high-quality education that affords graduates opportunities for immediate employment in various manufacturing industries. These businesses include sectors that produce tools and components used in the manufacturing of everything from electronics and biomedical supplies, to consumer products and sheet metals, to parts for the aerospace industry. The program covers an array of areas relating to the fields of precision metalwork, Computer Numeric Control (CNC) machining, sheet-metal fabrication, and operation of milling machines, lathes, grinders, band saws, drill presses, and computerized machinery. The program also prepares students in the use of various design software products, such as Computer-Aided Design (CAD) and Computer-Aided Manufacturing (CAM). Students will also be well versed in state-of-the-art manufacturing processes and methods, such as Lean Manufacturing implementation. Graduates can be employed as machinists and machine-control operators, forepersons, engineering-design-team members, and manufacturing supervisors.

Admissions Procedures and Requirements

This program begins only in the FALL semester. All applicants must take the SCCC placement tests (CPT) unless waived by the Admissions Office based on academic credentials. Entering students should be qualified for Freshman Composition (ENG101), Technical Math (MAT112) and Advanced College Reading (RDG101). Students already enrolled in college must have successfully completed Algebra I (MAT007) or higher, Developmental Writing (ENG010) or higher and Reading in the Content Areas (RDG099) or the equivalent.

Manufacturing Technology courses are offered in DAY sessions. Evening courses are offered based upon demand.

FIRST SEMESTER: 15.5 credits Credits

COL101: Freshman Seminar	.15
♦ MFT101: Introduction to Machine Tool Theory – Lab I	5
♦ MFT110: Interpreting Engineering Drawings	2
♦ MFT150: Manufacturing Information Systems	2
♦ MAT112: Technical Mathematics I	4
Physical Education Elective	1

SECOND SEMESTER: 17 credits

♦ MFT102: Manufacturing/CNC Theory – Lab II	5
♦ MFT210: Computer Graphics Application	3
MAT113: Technical Mathematics II	4
PHY112: Technical Physics I	4
Physical Education Elective	1

THIRD SEMESTER: 16 credits

♦ MFT201: Advanced Machining Process – Lab III	4
♦ MFT211: Computer Aided Manufacturing (CAM)	3
♦ MFT240: Materials of Industry	3
ENG101: Standard Freshman Composition	3
Social Sciences Elective	3

FOURTH SEMESTER: 18 credits

♦ MFT202: Manufacturing Capstone Project – Lab IV	4
♦ MFT230: Quality Assurance and Instrumentation	2
♦ MFT250: Industrial Controls	3
ENG121: Technical Writing	3
Social Sciences Elective	3
Humanities Elective	3

TOTAL CREDITS REQUIRED: 66.5

- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Manufacturing Technology	.36 credits
English	.6 credits
Humanities	.3 credits
Social Science	.6 credits
Mathematics/Laboratory Science	.12 credits
Physical Education	.2 credits
Freshman Seminar	1.5 credits

EVENING SEQUENCE

FIRST SEMESTER: 8.5 credits Credits

COL101: Freshman Seminar	1.5
♦ MFT110: Interpreting Engineering Drawings	2
♦ MFT150: Manufacturing Information Systems	2
ENG101: Standard Freshman Composition	3

SECOND SEMESTER: 10 credits

♦ MFT101: Introduction to Machine Tool Theory – Lab I	5
♦ MAT112: Technical Mathematics I	4
Physical Education Elective	1

THIRD SEMESTER: 9 credits

♦ MFT102: Manufacturing/CNC Theory – Lab II	5
MAT113: Technical Mathematics II	4

FOURTH SEMESTER: 8 credits

♦ MFT210: Computer Graphics Application	3
PHY112: Technical Physics I	4
Physical Education Elective	1

FIFTH SEMESTER: 7 credits

♦ MFT201: Advanced Machining Processes – Lab III	4
ENG121: Technical Writing	3

SIXTH SEMESTER: 6 credits

♦ MFT211: Computer Aided Manufacturing	3
♦ MFT240: Materials of Industry	3

SEVENTH SEMESTER: 8 credits

♦ MFT230: Quality Assurance and Instrumentation	2
Social Science Elective	3
Humanities Elective	3

EIGHTH SEMESTER: 10 credits

♦ MFT202: Manufacturing Capstone Project – Lab IV	4
♦ MFT250: Industrial Controls	3
Social Sciences Elective	3

TOTAL CREDITS REQUIRED: 66.5

- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Manufacturing Technology	.36 credits
English	.6 credits
Humanities	.3 credits
Social Science	.6 credits
Mathematics/Laboratory Science	.12 credits
Physical Education	.2 credits
Freshman Seminar	1.5 credits

MUSIC / A.S. DEGREE

Ammerman / MUSC-AS Hegis Code - 5610

This program is designed for students wishing to pursue a career in music. Graduates will have a solid foundation in music theory, aural skills, piano, history and performance that will enable them to transfer to a four-year college music program to pursue a career in music education, performance, composition and arranging, conducting, therapy, law, songwriting or audio recording.

Admissions Procedures and Requirements

To be admitted into the Music Program candidates are required to take a music entrance exam consisting of music theory, aural skills, and an instrumental or vocal audition.

Students do not have to be a MUSC-AS designation to be enrolled in general music classes: MUS101, 103, 105, 109, 111, 113, 117, and 120, or music performing ensembles.

FIRST SEMESTER: 18.5-19.5 Credits

ENG101: Standard Freshman Composition	3
Math Elective	3-4
♦ MUS115: Freshman Seminar for Music Majors	1.5
♦ MUS122: Music Theory I (Diatonicism)	3
♦ MUS123: Aural Skills I	2
♦ MUS124: Piano I	2
♦ MUS125: Applied Music I	1
* Performance Ensemble	2
Physical Education	1

SECOND SEMESTER: 18 credits

ENG102: Introduction to Literature	3
Laboratory Science Elective	4
♦ MUS126: Music Theory II (Diatonicism)	3
♦ MUS127: Aural Skills II	2
♦ MUS128: Piano II	2
♦ MUS129: Applied Music II	1
* Performance Ensemble	2
Physical Education	1

THIRD SEMESTER: 18 credits

** History Elective	3
Humanities Elective	3
♦ MUS203: Music Theory III	3
♦ MUS204: Aural Skills III	2
♦ MUS205: Applied Music III	1
♦ MUS206: Music History I	3
Social Sciences Elective	3

FOURTH SEMESTER: 15 credits

Humanities Elective	3
♦ MUS208: Music Theory IV	3
♦ MUS209: Aural Skills IV	2
♦ MUS210: Music History II	3
♦ MUS211: Applied Music IV	1
Social Sciences Elective	3

TOTAL CREDITS REQUIRED: 69.5-70.5

* Music majors taking more than two performance courses in any given semester are required to pay only two lab fees.

** To be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120.

♦ These courses constitute the major courses in this curriculum.

NOTES: 1) Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses. 2) See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION

English . . . . .	.6 credits
History . . . . .	.3 credits
Humanities . . . . .	.6 credits
Social Sciences . . . . .	.6 credits
Math/Science . . . . .	.7-8 credits
Music . . . . .	.34 credits
Performance Ensemble . . . . .	.4 credits
Physical Education . . . . .	.2 credits
Freshman Seminar	1.5 credits

NOTE: The following performance ensembles are open to all students and do NOT require matriculation in the music curriculum. Each ensemble is 2 credits.

- MUS131: Guitar Ensemble
- MUS132: College Orchestra
- MUS133: Symphonic Band
- MUS134: Jazz Ensemble
- MUS135: College Choir
- MUS136: Suffolk Singers (MUS135 is corequisite)

The following ensemble is restricted to students matriculated in the music curriculum:

- MUS138: Contemporary Music Ensemble (2 credits)

NURSING / A.A.S. DEGREE

**Ammerman - Grant / NURS1-AAS, NURS2-AAS, NURS3-AAS, NURS4-AAS,
NURS5-AAS, NURS6-AAS
Hegis Code - 5208-10**

This program leads to the Associate in Applied Science (A.A.S.) degree. The Nursing curriculum is designed to prepare students for entry into practice as well as provide opportunities for students seeking transfer into a baccalaureate of science degree through articulation/joint admission agreements. In addition to courses required for the A.A.S. degree, through an appropriate choice of elective courses, students may prepare for admission requirements to four-year colleges and universities. Specific course transfers are subject to the discretion of the institutions. Information on articulation agreements between Suffolk County Community College and potential transfer institutions can be found at <http://www.sunysuffolk.edu/Students/TransferOpps.asp>. Upon award of the A.A.S. degree, graduates are qualified to sit for the National Council Licensure Examination for Registered Professional Nurses (NCLEX-RN).

The Accreditation Commission for Education in Nursing (ACEN), formally the National League for Nursing Accrediting Commission (NLNAC), accredits all the nursing programs. The Accreditation Commission for Education in Nursing (ACEN) can be reached at 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326; phone 404-975-5000, fax 404-975-5020; website at <http://www.acenursing.org>.

Admission Procedures and Requirements

Prospective nursing students are strongly advised to attend a Nursing Information Seminar. For further information contact the campus Admissions Office for dates and times. All RN applicants* are required to take the pre-admission Test for Essential Academic Skills (TEAS V), which is offered at the College, and achieve a minimum of Proficient Level on the TEAS V exam in order to be considered for admission to the Nursing Programs. Within an academic year (September 1 through August 31), applicants may only take the TEAS V twice, and must register and pay all fees each time. Information regarding dates and locations for TEAS V testing is posted on Suffolk County Community College School of Nursing website and on the ATI website www.atitesting.com.

The Office of Central Admissions must receive applicants TEAS V results by the application deadline in order to be considered for acceptance into the Nursing Program. The nursing program is highly competitive. Meeting minimum criteria for admission does not guarantee acceptance to the program. The college reserves the right to make final decisions based upon the applicant pool each year.

**RN applicants applying for consideration of admission directly from high school are exempt from taking the TEAS V pre-admission test but must meet all other minimum requirements, as specified under Applicants Coming Directly from High School.*

PROGRAM START DATES AND APPLICATION DEADLINES

<i>Program</i>	<i>Start Date</i>	<i>Application Deadline</i>	<i>Supporting Documentation Deadline</i>	<i>Maximum Time to Complete Requirements after Starting Program</i>
Ammerman Day Program	Fall Semester	January 1	January 31	4 years
Ammerman Advanced Placement Day Program (from LPN)	Spring Semester	June 1	June 30	4 years
Ammerman Evening Program	Fall Semester	January 1	January 31	5 years

For up-to-date information on program requirements, please refer to the SCCC website at www.sunysuffolk.edu

Grant Day Program	Fall Semester	January 1	January 31	4 years
Grant Advanced Placement Day Program (from LPN)	Fall Semester	January 1	January 31	4 years
Grant Evening Program	Spring Semester	June 1	June 30	5 years

All LPN to RN applicants must submit a copy of their active New York State LPN license to the Admissions Office by the deadline date specified.

MINIMUM REQUIREMENTS FOR CONSIDERATION FOR ADMISSION

Applicants Coming Directly from High School	80 academic average 80 in Regents biology and Regents chemistry (exam and course average) 80 in Integrated Algebra or its equivalent 21 score on ACT or 1000 score on SAT
Applicants Already Enrolled in College	3.0 cumulative grade point average for ENG101, PSY101, BIO130 and BIO132 All laboratory science courses (BIO130, BIO132, BIO244) must have been completed within the ten years prior to submitting the application
Licensed Practical Nurses (LPNs) Applying for Advanced Placement Program*	3.0 cumulative grade point average in ENG101, PSY101, BIO130 and BIO132 Completion of English (ENG) elective and SOC101 with minimum grade of C
Applicants with Advanced Degrees Who Do Not Meet Minimum Admission Requirements	May be considered on an individual basis
*Licensed Practical Nurses who have been formally accepted in the advanced placement program are required to take NUR123, NUR124, NUR130, NUR240, NUR246 and NUR248 but not NUR101, NUR116, NUR133, NUR136 and NUR275.	

- PLEASE NOTE: Prerequisites of high school chemistry and Integrated Algebra or its equivalent are required for BIO130. CHE100 is recommended for those without high school chemistry and MAT006 or MAT007 is recommended for those without Integrated Algebra.
- A minimum grade of C must be earned for BIO130 and BIO132. All prerequisite courses may be retaken *only once* to achieve a higher grade. The second grade will be used for admission consideration.
- Completion of BIO244 is strongly recommended before taking beginning nursing courses. A minimum grade of C must be earned.
- Applicants to the nursing program may submit CLEP or similar standardized test score in fulfillment of the ENG101 and/or PSY101 prerequisite. The CLEP score will not be computed as part of the grade point average for purchase of admission decisions.

For additional information about the Nursing Program, contact the Admissions office at 451-4414. General notes about the Nursing Program:

- Nursing (NUR) clinical courses require that students travel for clinical experiences throughout Suffolk County.

For up-to-date information on program requirements, please refer to the SCCC website at www.sunysuffolk.edu

- In addition to College health requirements, all nursing students must meet the health requirements of the School of Nursing and clinical facilities which they will be attending. These health requirements include an annual physical examination on a College-approved form, annual Tuberculin testing, Measles, Mumps, Rubella, Varicella (IGG) titers indicating immunity, and any additional requirements of clinical agencies. Subsequent significant alteration in a student's health status during the semester may disqualify participation in clinical activities and require additional health clearance. Students who do not comply with these requirements will not be permitted in the clinical area and may be possibly be unable to fulfill nursing course requirements.
- Students are required to present proof of current American Heart Association BLS (Basic Life Support) for Healthcare Provider CPR certification for adult, child, and infant by the first day of every clinical course. CPR online courses or certification from providers other than American Heart Association will not be accepted. Students who are not able to show proof of completion or whose CPR certification has lapsed will not be permitted in the clinical area and may possibly be unable to fulfill nursing course requirements.
- All students accepted into the nursing program must submit to a background check through the designated company assigned the College. The incurred cost is the student's responsibility. Previous background certificates will not be accepted. Based on the results, a clinical site may possibly not allow a student's presence at the facility, resulting in an inability to successfully complete the requirements of the nursing program.
- Additional expenses are required for nursing students including purchase of a uniform, stethoscope, watch, basic calculator, and a comprehensive assessment review program.
- Students need to meet safety and technical standards for nursing practice. This information is available in the Admissions Office or in the Nursing Handbook on the Nursing Department home page (department.sunysuffolk.edu/Nursing/).
- **Students must achieve a minimum passing grade of C in each science course (BIO130, BIO132 and BIO244) and all nursing courses (NUR) in order to progress to the next course in the sequence and to qualify for graduation.** Students who receive grades less than C in a nursing (NUR) courses (except NUR101 and NUR130) may repeat the course once. **Students who receive less than a C in NUR101 or NUR130 will be dismissed from the program and may reapply for admission for the subsequent application deadline period.**
- Students are not guaranteed a seat in nursing courses if there is a disruption in their sequential completion of the program. Students who receive grades less than C in two nursing (NUR) courses will be dismissed from the program and may re-apply for admission after a four year period. **Students who fail the clinical portion of a nursing (NUR) course, will receive an F regardless of the time during the semester this failure occurs.**

** Determination of "good moral character" is a requirement for register professional nurse licensure. Eligibility to sit for the licensing examination to become a registered nurse is subject to New York State law regarding professional misconduct. Applicants for the nursing program who have been charged or convicted of a crime (felony or misdemeanor) in any state or country, or whose practice of nursing may be impaired by alcohol, drugs, physical or mental disability, must contact the State Education Department, Division of Professional Licensing Service. Although these applicants may take the licensing examination, they may or may not be issued a limited permit and/or registered nurse license, depending on the results of the investigation process.

DAY PROGRAM

FIRST SEMESTER: 18 credits

	Lec.	CT*	Lab	Cr.
BIO130: Anatomy and Physiology I	3	-	3	4
♦ NUR101: Fundamentals of Nursing	4	6	2	7
♦ NUR116: Nursing Success	1	-	-	1
♦ NUR123: Health Assessment	2	-	2	3
PSY101: Introduction to Psychology	3	-	-	3

SECOND SEMESTER: 19 credits

BIO132: Anatomy and Physiology II	3	-	3	4
ENG101: Standard Freshman Composition	3	-	-	3
♦ NUR133: Adult Physical Health Nursing I	2.5	4.5	2	5
♦ NUR136: Adult Mental Health Nursing	2.5	4.5	-	4
SOC101: Introduction to Sociology	3	-	-	3

For up-to-date information on program requirements, please refer to the SCCC website at www.sunysuffolk.edu

THIRD SEMESTER: 19 credits

BIO244: General Microbiology	3	-	4	4
English Elective	3	-	-	3
♦ NUR240: Adult Physical Health Nursing II	5	9	-	8
or				
♦ NUR246: Child Health Nursing	2.5	4.5	-	4
and				
♦ NUR248: Maternal/Child Health Nursing	2.5	4.5	-	4
PSY210: Lifespan Development	3	-	-	3
Physical Education	-	-	2	1

FOURTH SEMESTER: 15-16 credits

Humanities Elective	3	-	-	3
♦ NUR246: Child Health Nursing	2.5	4.5	-	4
and				
♦ NUR248: Maternal/Child Health Nursing	2.5	4.5	-	4
or				
♦ NUR240: Adult Physical Health Nursing II	5	9	-	8
♦ NUR275: Nursing: Past, Present and Future	1	-	-	1
Physical Education	-	-	2	1
Unrestricted Elective or NUR103: Dosage Calculation for Nurses	2-3	-	-	2-3

TOTAL CREDITS REQUIRED: 71-72

* Clinical teaching.

- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Nursing	.37	credits
English	.6	credits
Biology	.12	credits
Social Sciences	.9	credits
Humanities	.3	credits
Unrestricted Elective	2-3	credits
Physical Education	.2	credits

EVENING PROGRAM**FIRST SEMESTER: 11 credits**

	Lec.	CT*	Lab	Cr.
♦ NUR101: Fundamentals of Nursing	4	6	2	7
♦ NUR116: Nursing Success	1	-	-	1
SOC101: Introduction to Sociology	3	-	-	3

SECOND SEMESTER: 10 credits

English Elective	3	-	-	3
♦ NUR123: Health Assessment	2	-	2	3
♦ NUR136: Adult Mental Health Nursing	2.5	4.5	-	4

THIRD SEMESTER: 7 credits

♦ NUR133: Adult Physical Health Nursing	2.5	4.5	2	5
PSY210: Lifespan Development	3	-	-	3

FOURTH SEMESTER: 8 credits

BIO244: General Microbiology	3	-	4	4
♦ NUR248: Maternal/Child Health Nursing	2.5	4.5	-	4

FIFTH SEMESTER: 7-8 credits

NUR103: Dosage Calculation for Nurses	2	-	-	2
or Unrestricted Elective	3	-	-	3
♦ NUR246: Child Health Nursing	2.5	4.5	-	4
♦ NUR275: Nursing: Past, Present and Future	1	-	-	1

SIXTH SEMESTER: 11 credits

Humanities Elective	3	-	-	3
♦ NUR240: Adult Physical Health Nursing II	5	9	-	8

TOTAL CREDITS REQUIRED: 69-70**

* Clinical teaching.

** Includes 14 credits for ENG101, BIO130, BIO132 and PSY101 taken prior to admission to the program.

- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Nursing	.37	credits
English	.6	credits
Biology	.12	credits
Social Sciences	.9	credits
Humanities	.3	credits
Unrestricted Elective	2-3	credits

LPN ADVANCED PLACEMENT PROGRAM**FIRST SEMESTER: 13.5 credits**

	Lec.	CT.*	Lab.	Cr.
**♦ NUR130: PN to RN Transition	-	-	-	3

SECOND SEMESTER: 11.5 credits

BIO244: General Microbiology	3	-	4	4
♦ NUR123: Health Assessment	2	-	2	3
***♦ NUR124: LPN to RN Advanced Placement	2.5	3	2	4.5

THIRD SEMESTER: 11 credits

- ♦ NUR246: Child Health Nursing 2.5 4.5 - 4
- and
- ♦ NUR248: Maternal/Child Health Nursing 2.5 4.5 - 4
- or
- ♦ NUR240: Adult Physical Health Nursing II 5 9 - 8
- PSY210: Lifespan Development 3 - - 3

FOURTH SEMESTER: 13-14 credits

- Humanities Elective 3 - - 3
- NUR103: Dosage Calculation for Nurses ... 2 - - 2
- or Unrestricted Elective 3 - - 3
- ♦ NUR240: Adult Physical Health Nursing II 5 9 - 8
- or
- ♦ NUR246: Child Health Nursing 2.5 4.5 - 4
- and
- ♦ NUR248: Maternal/Child Health Nursing 2.5 4.5 - 4

TOTAL CREDITS REQUIRED: 69†

- * Clinical teaching.
- ** Restricted to Licensed Practical Nurses who have been accepted into the Advanced Placement Program. Upon successful completion of the course, students are awarded 13.5 nursing credits for prior work and experience completed as a LPN.
- *** Required only for Advanced Placement students.
- † Includes 20 credits for ENG101, SOC101, PSY101, BIO130, BIO132 and an English elective.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Nursing.....	37 credits
English .....	.6 credits
Biology .....	.12 credits
Social Sciences .....	.9 credits
Humanities.....	.3 credits
Unrestricted Elective.....	0-3 credits

NURSING: PRACTICAL NURSING / CERTIFICATE

**Eastern / NUPN-CERT
Hegis Code - 5209.20**

The Practical Nursing certificate program is designed to prepare students for entry into practice as well as provide opportunities for students seeking admission into Advanced Placement RN programs. Through an appropriate choice of prerequisite and elective courses, students may prepare for the Associate in Applied Science (A.A.S.) degree admission requirements. Upon award of the Practical Nursing certificate, graduates are qualified to sit for the National Council Licensure Examination for Practical Nurses (NCLEX-LPN).**

The Accreditation Commission for Education in Nursing (ACEN), formally the National League for Nursing Accrediting Commission (NLNAC), has accredited the Practical Nurse Program. The Accreditation Commission for Education in Nursing (ACEN) can be reached at 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326; phone 404-975-5000, fax 404-975-5020; website at <http://www.acenursing.org>.

Admission Procedures and Requirements

Prospective practical nursing students are strongly advised to attend a Nursing Information Seminar. For further information contact the campus Admissions Office for dates and times. The practical nursing program is highly competitive. Meeting minimum criteria for admission does not guarantee acceptance to the program. The College reserves the right to make final decisions based upon the applicant pool each year.

PROGRAM START DATES AND APPLICATION DEADLINES				
<i>Program</i>	<i>Start Date</i>	<i>Application Deadline</i>	<i>Supporting Documentation Deadline</i>	<i>Maximum Time To Complete Requirements after Starting Program</i>
Eastern Part-time Day Program	Spring Semester	June 1	June 30	3 years

For up-to-date information on program requirements, please refer to the SCCC website at www.sunysuffolk.edu

MINIMUM REQUIREMENTS FOR CONSIDERATION FOR ADMISSION

- High School Diploma or High School Equivalency
- High School Biology and Chemistry with Lab
- 2 units of High School Math
- College Placement Test (CPT) at MAT007 and ENG101 level

A minimum grade of C must be earned for BIO105 or BIO130 and BIO132. For those students interested in pursuing the A.A.S. degree in Nursing, BIO130 and BIO132 are recommended.

Applicants to the practical nursing program may submit one CLEP or similar standardized test score in fulfillment of the ENG101 and/or PSY101 prerequisites. The CLEP score will not be computed as part of the grade point average for purchase of admission decisions.

For additional information about the Practical Nursing Program, contact the Admissions office at 451-4414.

General notes about the Practical Nursing Program:

- Practical Nursing (PNU) clinical courses require that students travel for clinical experiences throughout Suffolk County.
- In addition to College health requirements, all nursing students must meet the health requirements of the School of Nursing and clinical facilities which they will be attending. These health requirements include an annual physical examination on a College-approved form, annual Tuberculin testing, Measles, Mumps, Rubella, Varicella (IGG) titers indicating immunity, and any additional requirements of clinical agencies. Subsequent significant alteration in a student's health status during the semester may disqualify participation in clinical activities and require additional health clearance. Students who do not comply with these requirements will not be permitted in the clinical area and may be possibly be unable to fulfill nursing course requirements.
- Students are required to present proof of current American Heart Association BLS (Basic Life Support) for Healthcare Provider CPR certification for adult, child, and infant by the first day of every clinical course. CPR online courses or certification from providers other than American Heart Association will not be accepted. Students who are not able to show proof of completion or whose CPR certification has lapsed will not be permitted in the clinical area and may possibly be unable to fulfill nursing course requirements.
- All students accepted into the nursing program must submit to a background check through the designated company assigned the College. The incurred cost is the student's responsibility. Previous background certificates will not be accepted. Based on the results, a clinical site may possibly not allow a student's presence at the facility, resulting in an inability to successfully complete the requirements of the nursing program.
- Additional expenses are required for nursing students including purchase of a uniform, stethoscope, watch, basic calculator, and a comprehensive assessment review program.
- Students need to meet safety and technical standards for nursing practice. This information is available in the Admissions Office or in the Nursing Handbook on the Nursing Department home page (department.sunysuffolk.edu/Nursing/)
- All students are expected to have basic computer literacy to include functionality in email and basic Internet search and navigation.
- Students must achieve a minimum passing grade of C in each science course (BIO105, or BIO130 and BIO132) and all practical nursing courses (PNU) in order to progress to the next course in the sequence and to qualify for program completion.
- Students who receive grades less than C in any practical nursing courses (PNU) will be dismissed from the program and may reapply for admission for the subsequent application deadline period.
- **Students who fail in the clinical portion of a PNU course will receive an F regardless of the time during the semester this failure occurs.**

** Determination of "good moral character" is a requirement for Practical Nurse Licensure and eligibility to sit for the licensing examination is subject to New York State law regarding professional misconduct. Applicants for the nursing program who have been charged or convicted of a crime (felony or misdemeanor) in any state or country, or whose practice of nursing may be impaired by alcohol, drugs, physical or mental disability, must contact the State Education

Department, Division of Professional Licensing Service. Although these applicants may take the licensing examination, they may or may not be issued a limited permit and/or practical nurse license, depending on the results of the investigation process.

FIRST SEMESTER: 10 credits

	<i>Lec.</i>	<i>CT*</i>	<i>Lab</i>	<i>Cr.</i>
BIO105: Survey of the Human Body	3	-	2	4
ENG101: Standard Freshman Composition . .	3	-	-	3
PSY101: Introduction to Psychology	3	-	-	3

SUMMER SESSION: 5 credits

- ♦ PNU116: Foundations for Success in Practical Nursing 3 - - 3
- ♦ PNU119: Pharmacology Safety and Dosage Calculations 2 - - 2

SECOND SEMESTER: 11 credits

- *♦ PNU120: Fundamentals of Nursing for Practical Nurses 5 6 2 8
- *♦ PNU128: Nursing Care of Adult Clients I 2 3 - 3

THIRD SEMESTER: 11 credits

- *♦ PNU133: Nursing Care of Adult Clients II 5 6 2 8
- *♦ PNU135: Nursing Care of Maternal-Child Clients . . 2 3 - 3

TOTAL CREDITS REQUIRED: 37

- * Clinical teaching
- ♦ These courses constitute the major courses in the curriculum.

REQUIRED CREDIT DISTRIBUTION

Nursing	27 credits
English	3 credits
Biology	4 credits
Social Sciences	3 credits

OCCUPATIONAL THERAPY ASSISTANT / A.A.S. DEGREE

**Grant / OCTA-AAS
Hegis Code - 5210**

The Occupational Therapy Assistant program is a two-year program that educates people for employment in the occupational therapy field of health care. An occupational therapy assistant (OTA) works under the supervision of a registered occupational therapist (OTR) as part of a health care team. The OTA works to restore and enhance the health of clients by facilitating occupation – the performance of purposeful activity in work, play and self-care.

Occupational therapy assistants help people perform activities that are meaningful to their lives. They work with individuals facing problems resulting from developmental impairment, physical disabilities, psychological impairment and aging. The OTA graduate can expect to find employment in diverse settings such as schools, hospitals, home settings, rehabilitation centers, day and residential treatment centers, community-based mental health centers, assisted living centers and many others.

The Occupational Therapy Assistant program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA). AOTA is located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220. ACOTE may be reached by telephone at (301) 652-2682.

Graduates are qualified for New York State certification without examination. They are also eligible to sit for the national certification examination for the occupational therapy assistant administered by the National Board for Certification in Occupational Therapy (NBCOT). Information about state licensure may be obtained from the New York State Education Department, Office of the Professions, Division of Professional Licensing Services, State Education Building - 2nd Floor, 89 Washington Avenue, Albany, New York 12234. See footnote for additional information regarding licensure.

The OTA curriculum provides students with classroom, laboratory and fieldwork experience so that they understand the responsibilities of the profession and develop necessary skills to practice it.

Students must achieve a minimum grade of C in each occupational therapy assistant course in order to continue on to the next course in the sequence and to qualify for graduation with an

occupational therapy assistant degree. Students are permitted to repeat only one OTA course. Once students have entered the occupational therapy assistant curriculum, they will have a maximum of four years to complete the sequence.

Students are required to complete Level I Fieldwork as part of the class work for Occupational Therapy Media and Applications I, II and III. Students travel to community settings for Level I Fieldwork experiences outside of scheduled class times. The Level II Fieldwork component, Clinical Practice I and II, consists of a minimum of 16 weeks of full-time work in a practice setting. Students have in-depth experiences in delivering occupational therapy services to clients with a variety of ages and conditions. Fieldwork for Clinical Practice I or Clinical Practice II may be delayed by mutual agreement between the college and the student. The American Occupational Therapy Association requires that all fieldwork be completed within 18 months of the completion of the academic portion of the program. If fieldwork is delayed, the date of graduation will be delayed accordingly.

Note: Students are required to attend a 10-week summer session after successfully completing the first academic year of the program. The summer course is offered only in this sequence and is a requirement for continuation as a third-semester student and for graduation within the stated timeline.

Admission Requirements and Procedures

Entering students must have successfully completed high school Integrated Algebra or equivalent, laboratory biology and laboratory chemistry (B average) and have a high school average of 80 or higher.

For students already enrolled in college, minimum requirements for consideration for admission are completion of ENG101, BIO130 and PSY101 with an average of 3.0 or better. *Please note that MAT007 and CHE100 or their equivalents are prerequisites for BIO130.* Science courses directly related to the practice of occupational therapy (BIO130 and BIO132 or their transferred equivalents) must have been completed within 10 years of admission to the program. *Completing BIO130 and BIO132 is strongly recommended prior to starting the program.* The admissions committee will also take into consideration the completion of BIO132 and experience in a health care setting.

In addition to college health requirements, all occupational therapy students, full- and part-time, must meet the health requirements of the Occupational Therapy Assistant program.

The Occupational Therapy Assistant curriculum is a DAY program which begins in FALL only. The program is competitive. Applications for admission must be received by January 1. Contact the Grant Campus Admissions Office for more information.

FIRST SEMESTER: 18.5 credits *Credits*

COL101: Freshman Seminar	1.5
BIO130: Anatomy and Physiology I	4
ENG101: Standard Freshman Composition	3
PSY101: Introduction to Psychology	3
♦ OTA101: Introduction to Occupational Therapy	3
♦ OTA102: Clinical Conditions and Terminology	2
♦ OTA105: Human Occupation Across the Lifespan	2

SECOND SEMESTER: 17 credits

BIO132: Anatomy and Physiology II	4
HSC114: Group Dynamics	3
PSY210: Lifespan Development	3
Physical Education	1
♦ OTA118: Occupational Therapy Media and Applications I	4
♦ OTA121: Occupational Therapy for Physical Dysfunctions	2

SUMMER SESSION: 4 credits

*♦ OTA131: Occupational Therapy Media and Applications II	4
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THIRD SEMESTER: 16-17 credits

ENG102: Introduction to Literature	3
HSC112: Safety, First Aid and CPR	3
Mathematics Elective	3-4
Physical Education	1
♦ OTA201: Occupational Therapy Media and Applications III	4
♦ OTA202: The Management Role of the Occupational Therapy Assistant	2

FOURTH SEMESTER: 15 credits

Humanities Elective	3
♦ OTA211: Clinical Practice I	6
♦ OTA212: Clinical Practice II	6

TOTAL CREDITS REQUIRED: 70.5-71.5

- * See NOTE above in introductory paragraphs.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Occupational Therapy Assistant	.35 credits
Humanities (including English)	.9 credits
Social Sciences	.6 credits
Science and Mathematics	11-12 credits
Health Careers	.6 credits
Freshman Seminar	1.5 credits
Physical Education	.2 credits

NOTE: A felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure. Applicants with a felony background who would like to clarify their status may write NBCOT at 800 S. Frederick Avenue, Suite 200, Gaithersburg, MD 20877-4150 or telephone them at (301) 990-7979.

PARALEGAL STUDIES / A.A.S. DEGREE

Ammerman - Grant / PALG-AAS Hegis Code - 5099

A legal assistant, or paralegal, is a person qualified by education, training or work experience, who is employed or retained by a lawyer, law office, corporation, governmental/public agency, bank, industry or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible. The paralegal studies program is designed neither for attorneys nor law office administrators. Paralegals are prohibited from performing the unauthorized practice of law.

This curriculum, which is approved by the American Bar Association, provides students with a background in law as practiced in legal offices and trains them to prepare documents such as probate forms, title searches and closing statements, pleadings and discovery proceedings, legal memoranda, and corporate minutes and filings. Skilled use of the English language is essential, and a high level of verbal competence is required for completion of the curriculum. Knowledge of word processing software packages is strongly recommended.

Not all legal courses are offered on each campus each semester. Students are strongly urged to meet with a paralegal academic advisor to plan their program. Failure to do so may result in delayed completion of the program.

Admission Procedures and Requirements

For entering students, minimum requirements for admission are an 80 high school average, Regents English, strong reading and writing skills, and a combined score of 1000 on the SAT or a composite score of 21 on the ACT. Students already enrolled in college need 12 credits with a 3.0 GPA which include a B or better in ENG101 and LAW101. Students are admitted on a rolling basis, fall and spring, with most students who meet minimum standards admitted. Students who do not meet the admission criteria may be admitted on a provisional basis.

FIRST YEAR: 34.5 credits

Credits

ACC101: Principles of Accounting I	4
BUS101: Introduction to Business	3
BUS115: College/Workplace Skills Seminar	1.5
ENG101: Standard Freshman Composition	3
ENG201: Advanced Expository Writing	3
Humanities Elective	3
* LAW101: Introduction to Law	3
* LAW103: Introduction to Paralegal Studies	3
♦ LAW111: Business Law I	3
♦ LAW244: Partnership and Corporation Law	3
Physical Education	2
POL103: State and Local Politics and Government	3

SECOND YEAR: 33-35 credits

**♦ Area Electives (two courses)	6
BUS117: Business Communications	3
♦ LAW202: Civil Litigation	3
♦ LAW212: Business Law II	3
♦ LAW215: Law of Property	3
♦ LAW240: Legal Research	3
♦ LAW246: Estates, Trusts and Wills	3
Mathematics/Science Electives (two courses)	6-8
Social Sciences Elective	3

TOTAL CREDITS REQUIRED: 67.5-69.5

* LAW101 and LAW103 are prerequisites for all required law courses in the Paralegal Program except LAW111 and LAW212.

** Area Electives (any two courses):

ACC218: Federal Income Taxation
CRJ101: Introduction to Criminal Law
CRJ103: Substantive Criminal Law

CRJ107: Evidence and Procedural Law
 LAW105: Law Office Management and Practices
 LAW213: Paralegal Internship
 LAW241: Legal Writing
 LAW251: International Law

- ◆ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION
 Law27 credits
 Business10 credits
 English6 credits
 Social Sciences6 credits
 Mathematics/Science6-8 credits
 Humanities.....3 credits
 Restricted Electives.....6 credits
 Freshman Seminar1.5 credits
 Physical Education2 credits

PARALEGAL STUDIES / CERTIFICATE

Ammerman - Grant / PALG-CERT

Hegis Code - 5099

A legal assistant or paralegal is a person, qualified by education, training or work experience who is employed or retained by a lawyer, law office, corporation, governmental/public agency, bank, industry or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible. The paralegal studies program is designed neither for attorneys nor law office administrators. Paralegals are prohibited from performing the unauthorized practice of law.

The curriculum, which is approved by the American Bar Association, provides students with a background in law as practiced in legal offices and trains them to prepare documents such as probate forms, title searches and closing statements, pleadings and discovery proceedings, legal memoranda, and corporate minutes and filings. Skilled use of the English language is essential, and a high level of verbal competence is required for completion of the curriculum. Knowledge of word processing software packages is strongly recommended.

The certificate program is designed to serve students with either an associate or bachelor's degree seeking a career-oriented education which upon satisfactory completion will enable them to enter the job market.

Although a bachelor of arts degree is desirable, the minimum requirement for admission to the program is an associate degree with a minimum of 18 liberal arts credits. The program coordinator may make exceptions to the degree requirement for those students who do not hold a bachelor's or an associate degree but who have demonstrated no less than five years of satisfactory paraprofessional experience in law firms, corporate legal departments or city/town corporation counsel offices, and provide letters of recommendation from employers who are members of the Bar attesting to the applicant's suitability. Applicants may be given an interview and additional courses may be required to meet the requirement of 18 liberal arts credits. Full-time students may complete the program in two semesters. Completion on a part-time basis is at the pace chosen by the student. Suggested sequence of courses follows.

Admission Procedures and Requirements

Students need to have completed a B.A., B.S., A.A. or A.S. degree, or have the above-referenced significant law-related experience and 18 liberal arts credits. Students are admitted on a rolling basis, fall and spring, with most students meeting minimum standards admitted. Students must demonstrate strong reading and writing skills.

FIRST SEMESTER: 18 credits	<i>Credits</i>
Area Elective (see below)	3
◆ LAW101: Introduction to Law	3
◆ LAW103: Introduction to Paralegal Studies... 3	
◆ LAW111: Business Law I..... 3	
*◆ LAW240: Legal Research..... 3	
*◆ LAW246: Estates, Trusts and Wills	3

SECOND SEMESTER: 15 credits	<i>Credits</i>
Area Elective (see below)	3
◆ LAW202: Civil Litigation	3
◆ LAW212: Business Law II	3
◆ LAW215: Law of Property	3
◆ LAW244: Partnership and Corporation Law... 3	

TOTAL CREDITS REQUIRED: 33

AREA ELECTIVES (any two courses)

- ACC218: Federal Income Taxation
- CRJ101: Introduction to Criminal Law
- CRJ103: Substantive Criminal Law
- CRJ107: Evidence and Procedural Law
- LAW105: Law Office Management and Practices
- LAW213: Paralegal Internship
- LAW241: Legal Writing
- LAW251: International Law

- * Students should contact the paralegal studies faculty for a prerequisite waiver for these courses.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

- Law 27-33 credits
- Criminal Justice 0-6 credits
- Information Processing 0-3 credits

PHOTOGRAPHIC IMAGING / A.A.S. DEGREE**Eastern - Grant / PHOT-AAS
Hegis Code - 5007**

This curriculum provides in-depth study of professional photographic practices anchored by a two-year sequence in digital photography. Course work includes photographic techniques specific to both location and studio photography that introduce students to portraiture/people, commercial, photojournalism and fine art photography. Throughout the program, emphasis is placed on individual creative growth that concludes with a capstone course in portfolio preparation. A combination of general education, visual art, and career preparation courses are designed to train and qualify graduates for entry-level positions in the field of professional photography. Students entering the program must own a 6-megapixel or greater DSLR camera. Throughout the program students will be required to purchase supplies such as memory cards, storage drives, CD-Rs, DVDs, and photo quality ink jet paper.

FIRST SEMESTER: 16.5 credits*Credits*

- ♦ ART114: History of Photography 3
- ♦ ART144: Photography Seminar 1.5
- ♦ ART145: Digital Photography I 3
- ♦ ART147: Digital Materials and Processes . . . 3
- ENG101: Standard Freshman Composition . . 3
- PSY101: Introduction to Psychology 3

SECOND SEMESTER: 16-17 credits

- ♦ ART130: 2D Design 3
- ♦ ART146: Digital Photography II 3
- ♦ ART149: Photographic Lighting 3
- HUM121: Developing Creative Imagination in the Arts 3
- Mathematics Elective 3-4
- Physical Education 1

THIRD SEMESTER: 16 credits

- ♦ ART244: Web Design for Photographers and Visual Artists 3
- ♦ ART245: Digital Photography III 3
- ENG102: Introduction to Literature or English Elective 3
- Laboratory Science Elective 4
- *♦ Photography Elective 3

FOURTH SEMESTER: 14 credits

- ♦ ART246: Digital Photography IV 3
- ♦ ART247: Professional Practices for the Photographer 3
- ♦ ART299: Photography Portfolio Development and Assessment 1
- * BUS150: Cooperative Education in Business or Photography Elective 3
- Social Sciences Elective 3
- Physical Education 1

TOTAL CREDITS REQUIRED: 62.5-63.5

- * Students should choose from the following courses to fulfill the Photography Electives: ART214, ART251, ART252, ART255, ART257, or ART259.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

- Visual Arts 35.5-38.5 credits
- Business 0-3 credits
- Humanities 3 credits
- English6 credits
- Social Sciences6 credits
- Mathematics/Science 7-8 credits
- Physical Education2 credits

PHYSICAL THERAPIST ASSISTANT / A.A.S. DEGREE

Ammerman / PHTA-AAS Hegis Code - 5219

The five-semester Physical Therapist Assistant (PTA) program prepares the graduate to work under the direct supervision of a licensed physical therapist (PT). The PTA assists the PT in providing physical therapy services to individuals with changes in physical function and health status resulting from injury, disease, or other causes, and/or providing prevention services to promote health, wellness, and fitness. Tasks performed by the PTA include instruction in therapeutic exercise and functional training, utilization of specialized equipment and physical agents, communication with the PT regarding the response of individuals to interventions, documentation of treatment sessions, and interaction with other health care providers, patients, and their families. Clinical experience in a variety of settings allow the student to explore various specialties.

The curriculum is accredited by the Commission on Accreditation in Physical Therapy Education (CAPTE) of the American Physical Therapy Association (APTA) and leads to the Associate of Applied Science degree (AAS). Completion of the five-semester program and the passage of the National Physical Therapy Examination (NPTE) are required for certification and employment as a PTA in New York State. A misdemeanor or felony conviction may affect a graduate's ability to sit for the NPTE and become certified in New York State as a PTA. Applicants with questions should contact the Office of Professions / State Board of Physical Therapy at www.op.nysed.gov for direction.

Graduates have the opportunity to work in a variety of settings, including hospitals, private physical therapy offices, rehabilitation facilities, schools, and skilled nursing facilities. Salaries compare favorably with other professions with similar academic preparation and may vary depending upon the type of facility and geographic location.

Applicants for this degree should have a desire to work with people, demonstrate good communication and interpersonal skills and a strong aptitude in science.

No transfer credits will be accepted for PTA designated courses. The PTA program is a terminal program and is not designed as a transfer program to an upper division Physical Therapy Program.

Program Requirements

Incoming students must meet the health requirements of the Physical Therapist Assistant program which include proof of immunizations and an annual physical examination and PPD. Students must provide proof of certification in adult CPR, which includes training in an Automated External Defibrillator (AED), through the American Heart Association, the American Red Cross, or a college-credit CPR course. This certification must be maintained throughout the course of the program. Students who do not meet these two requirements will not be permitted to participate in the clinical portion of the program.

Students must achieve a minimum passing grade of C+ in BIO130, a minimum 2.5 GPA in the four program prerequisites (BIO130, ENG101, PSY101, and the restricted COM elective), a C in all PTA classroom and laboratory courses, and a C+ in all clinical coursework in order to continue in the program sequence. Any non-PTA-designated courses taken in the fourth and fifth semesters must be taken in the evening or on weekends in order to accommodate the scheduling of clinical experiences. Two PTA courses in the fourth and fifth semester have an evening component. Clinical courses require students to travel to a wide variety of physical therapy facilities in Suffolk County and students are responsible for their own transportation. Fees for clinical courses will include the purchase of liability insurance. A criminal background check is required prior to starting PTA150. Drug testing may be required by some clinical facilities. Students are responsible for the cost of these services. Students shall maintain a student membership in the American Physical Therapy Association during the second through fifth semesters. Students will be required to complete 16 hours of community service and participate in eight hours of professional activities while in the Program.

Admission Procedures and Requirements

The program admits a class of 26 students each fall. There are five semesters of course work which includes all required prerequisites, general education, liberal arts and sciences, technical and clinical courses. Application deadline is June 1st. The PTA program is competitive and meeting minimum requirements does not assure acceptance into the program.

For up-to-date information on program requirements, please refer to the SCCC website at www.sunysuffolk.edu

MINIMUM REQUIREMENTS FOR ADMISSION CONSIDERATION	
<i>Direct from high school</i>	<i>Continuing Student</i>
<ul style="list-style-type: none"> • High school diploma • 85 academic average unweighted • 85 in Regents biology and Regents chemistry (exam and course average) or equivalent • 85 in Regents Algebra (exam and course average) or equivalent and completed the high school mathematics sequence through Algebra2/Trig (or equivalent) • ACT score of 21 Reading and 22 Math or SAT score of 500 in Critical Reading and 510 in Math 	<ul style="list-style-type: none"> • C+ or higher BIO130* • Minimum GPA 2.5 in BIO130, ENG101, PSY101, and COM (102 or 107) <p><i>*Anatomy and physiology course work may not be older than 10 years. Prerequisites of high school chemistry and algebra or their equivalents are required for BIO130. CHE100 is recommended for those without high school chemistry and MAT006 or MAT007 is recommended for those without Algebra.</i></p>

Please contact the Ammerman Campus Admissions Office or the PTA program for a copy of the program's Admissions Information Packet and fact sheet outlining selection criteria and specific admissions policies.

FIRST SEMESTER: 15.5 credits Lec. Lab. Clinic Cr.

* BIO130: Anatomy and Physiology I	3	3	-	4
COL101: Freshman Seminar	1.5	-	-	1.5
* COM102: Interpersonal Communication or COM107: Small Group Communication	3	-	-	3
* ENG101: Standard Freshman Composition	3	-	-	3
PED130: Lifetime Fitness	-	2	-	1
* PSY101: Introduction to Psychology	3	-	-	3

SECOND SEMESTER: 14 credits

** BIO132: Anatomy and Physiology II	3	3	-	4
** PSY210: Lifespan Development	3	-	-	3
♦ PTA101: Normal Movement and Development	3	-	-	3
♦ PTA103: Interventions I	-	3	-	1
♦ PTA105: Introduction to Physical Therapy	2	-	-	2
♦ PTA107: Interventions II	-	3	-	1

THIRD SEMESTER: 17 credits

** BIO246: Anatomy and Physiology of Human Movement	3	3	-	4
MAT103: Statistics I	3	-	-	3
♦ PTA150: Clinical Practicum I	-	3	-	1
♦ PTA151: Kinesiology	3	3	-	4
♦ PTA153: Acute Care Physical Therapy	2	-	-	2
♦ PTA155: Interventions III	2	3	-	3

FOURTH SEMESTER: 12 credits

*** Physical Education	2	-	1
♦† PTA200: Clinical Practicum II	1	-	10 3
♦ PTA221: Musculoskeletal Physical Therapy	2	2	- 3
♦ PTA223: Neuromuscular Physical Therapy	2	2	- 3
♦ PTA225: Cardiovascular/Pulmonary and Integumentary	-	2	- 1
♦ PTA227: Interventions IV	-	2	- 1

FIFTH SEMESTER: 12 credits

† English Elective	3	-	- 3
♦† PTA250: Clinical Practicum III	1	-	30 8
♦ PTA251: Data Collection	1	-	- 1

TOTAL CREDITS REQUIRED: 70.5

All technical (PTA) courses must be taken in the semester scheduled.

* Pre-requisite requirements.

** Course must be completed no later than the end of the semester in which it is scheduled.

*** Physical Education elective must be selected from PED113, PED126, PED144, or PED147.

† Course has an evening component or must be taken in the evening.

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Humanities, including English . . . . .	.9 credits
Science and Mathematics	15 credits
Social Sciences . . . . .	.6 credits
Physical Therapist Assistant	37 credits
Physical Education . . . . .	.2 credits
Freshman Seminar	1.5 credits

RADIO AND TELEVISION PRODUCTION / A.A.S. DEGREE

Ammerman / RATV-AAS Hegis Code - 5008

The Radio and Television Production curriculum, a two-year program leading to the degree of associate in applied science, is designed for those who plan careers in video and sound or related industries. Three sound production studios, a 1200-square-foot television studio, electronic field production equipment, digital filmmaking, and linear and non-linear editing suites provide state-of-the-art facilities to create sophisticated programs. Coupled with the general education courses required for the degree, graduates can enter the industry immediately or continue their studies at the university level.

Admission Procedures and Requirements

Entering students must have a minimum high school academic average of 75, including a 75 average in English. Students already enrolled in college must have successfully completed a minimum of 12 credits with a cumulative grade point average of 2.5. Applicants are admitted only in the fall semester on a rolling basis. Courses are offered in the daytime only. This program is highly competitive and requires strong interpersonal relationship skills.

FIRST SEMESTER: 17.5 credits

	<i>Lec.</i>	<i>Lab</i>	<i>Cr.</i>
♦ CIN117: Digital Filmmaking I . . .	3	-	3
COL101: Freshman Seminar . . .	1.5	-	1.5
ENG101: Standard Freshman Composition	3	-	3
*♦ RTV101: Introduction to Broadcasting	3	-	3
♦ RTV111: Radio Production	2	2	3
Physical Education	-	2	1
† Unrestricted Elective	3	-	3

SECOND SEMESTER: 16-17 credits

COM101: Introduction to Human Communication or COM105: Public Speaking . . .	3	-	3
ENG207: Mass Media or RTV102: Issues in Broadcasting	3	-	3
♦ RTV121: Television Production I .	2	2	3
Science or Mathematics Elective	3-4	3-4	3-4
Physical Education	-	2	1
† Unrestricted Elective	3	-	3

THIRD SEMESTER: 16-17 credits

♦ RTV122: Television Production II	2	2	3
♦ RTV125: Broadcast Copy and Script Writing	3	-	3
***♦ RTV203: Electronic Field Production	4	-	4
Science or Mathematics Elective	3-4	3-4	3-4
Social Sciences Elective	3	-	3

FOURTH SEMESTER: 15-16 credits

English Elective	3	-	3
♦ RTV201: Electronic Media Management	3	-	3
♦ RTV204: Video Editing	4	-	4
‡♦ or RTV250: Internship in Video and Sound	2	8	4
♦ or RTV112: Advanced Radio Production	3	-	3
Social Sciences Elective	3	-	3
† Unrestricted Elective	3	-	3

TOTAL CREDITS REQUIRED: 64.5-67.5

- * Students may take RTV101 at any time during the four-semester program. It may be advantageous, though not required, to take it in the first semester.
- ** Requires prior completion of RTV101.
- *** RTV203 may be taken at any time from the second semester on.
- † At least one unrestricted elective should be chosen from courses with THR, MUS or ART designations.
- ‡ In order to take RTV250, students must complete at least two RTV courses with a grade of B or better.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Radio and Television Production	25-29 credits
Humanities	12-15 credits
Social Sciences . . . . .	.6 credits
Mathematics/Science	6-8 credits
Unrestricted Electives . . . . .	.9 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

TELECOMMUNICATIONS TECHNOLOGY / A.A.S. DEGREE

Ammerman / TETE-AAS Hegis Code - 5310

NOTE: This curriculum is restricted to qualified VERIZON employees. Consult with the department for more information.

The Telecommunications Technology program is designed for students who wish to study for or enhance technical careers in the field of electronic telecommunications. Students are prepared for careers in industry or business to work as telecommunication technicians, or they may adapt their degree to transfer to baccalaureate degree programs.

In this program, emphasis is placed on competency-based training, problem-solving skills, applications and simulations to develop a multi-faceted industry-ready technician. Training is offered in voice and data telecommunications, linear and digital electronics, and computer applications, supplemented with courses in English, mathematics, physics and social science. All technical courses are offered at the Ammerman Campus only.

Students entering industry or business can find careers as electronic telecommunication technicians in the telephone, cable and broadcast communications field.

Students planning to transfer to four-year colleges should consult with the department for their selection of courses. Typical programs to which the A.A.S. degree transfers include the bachelor of electrical technology (B.E.T.) and the bachelor of telecommunication technology.

Admission Procedures and Requirements

This curriculum is offered as an eight-semester day sequence. Qualified employees are admitted based on the successful completion of the ASSET test administered through the campus Department of Engineering Science and Technology.

FIRST YEAR/FALL: 7 credits

	Lec.	Lab.	Cr.
MAT112: Technical Mathematics I	4	-	4
♦ TEL115: Computer Applications in Telecommunications	2	2	3

FIRST YEAR/SPRING: 7 credits

ENG101: Standard Freshman Composition	3	-	3
♦ TEL112: Electrical Circuits	3	2	4

SECOND YEAR/FALL: 8 credits

MAT113: Technical Mathematics II	4	-	4
♦ TEL222: Electronics I	3	2	4

SECOND YEAR/SPRING: 8 credits

♦ TEL220: Telecommunications I: Voice	3	2	4
♦ TEL224: Digital Electronics I	3	2	4

THIRD YEAR/FALL: 8 credits

PHY112: Technical Physics I	3	2	4
♦ TEL232: Electronics II	3	2	4

THIRD YEAR/SPRING: 8 credits

♦ TEL230: Telecommunications II: Data	3	2	4
♦ TEL234: Digital Electronics II	3	2	4

FOURTH YEAR/FALL: 7 credits

ENG121: Technical Writing	3	-	3
♦ TEL240: Telecommunications III: Local Area Networks	3	2	4

FOURTH YEAR/SPRING: 7 credits

Social Sciences Elective	3	-	3
♦ TEL242: Telecommunications IV: Emerging Technologies	3	2	4

TOTAL CREDITS REQUIRED: 60

- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Telecommunications Technology	39 credits
Mathematics/Science	12 credits
English	6 credits
Social Sciences	3 credits

THEATRE ARTS / A.S. DEGREE

Ammerman / THAC-AS, THGT-AS, THTT-AS Hegis Code - 5610

This program provides rigorous theatre training as a powerful form of experiential learning that prompts students to grow as individuals, critical thinkers, and artists. Through classroom and practical training in acting, general and technical theatre sequences, the Theatre Department produces works of theatre art, offering direct participation in creative endeavors where process, performance, and understanding are stressed equally. The production program stages several shows each year which are directed and designed by faculty, guest artists and students. These productions span all genres of theatre, from Shakespeare to Shepard, from mystery plays to musical theatre.

The Theatre Arts A.S. Degree provides the foundation for transfer into B.A. or B.F.A. programs and, in some instances, employment in the field. Students **MUST** consult with a faculty advisor in the Theatre Department before entering this program and scheduling classes.

Acting Sequence (THAC-AS)

FIRST SEMESTER: 18.5 credits Credits

- * THR100: Freshman Seminar
Theatre Majors 1.5
- COM101: Introduction to
Human Communication
or COM111: Voice and Diction. 3
- ENG101: Standard Freshman Composition... 3
- ♦ THR101: Understanding Theatre. 3
- ♦ THR105: Acting I 3
- ♦ THR115: Basic Theatre Practice: Stagecraft
or THR117: Basic Theatre Practice:
Costume Crafts 3
- ♦ THR152: Production Laboratory I 2

SECOND SEMESTER: 18 credits

- * ENG142: Introduction to
Dramatic Literature
or ENG102: Introduction to Literature
or ENG220: Shakespeare 3
- ** History Elective 3
- *** Physical Education. 1
- ♦ THR115: Basic Theatre Practice: Stagecraft
or THR117: Basic Theatre Practice:
Costume Crafts 3
- ♦ THR153: Production Laboratory II 2
- ♦ THR205: Acting II. 3
- ♦ THR207: The Actor's Instrument. 3

THIRD SEMESTER: 15.5-16.5 credits

- † Humanities Elective. 3
- Mathematics Elective. 3-4
- Social Sciences Elective 3
- ♦ THR154: Production Laboratory III. 2
- ♦ THR210: Audition Preparation 3
- ♦ THR244: Theatre Portfolio Preparation ... 1.5

FOURTH SEMESTER: 16 credits

- Laboratory Science Elective 4
- *** Physical Education. 1
- Social Sciences Elective 3
- ♦ THR155: Production Laboratory IV 2
- ♦ THR211: Classical Theatre 3
- ‡ Theatre Portfolio Review 0
- Unrestricted Elective 3

TOTAL CREDITS REQUIRED: 68-69

NOTE: Courses and sequence of courses should be selected in consultation with a faculty advisor. In order to continue in the Theatre Arts curriculum beyond the first year, a student must at the end of two semesters have a minimum grade point average of 2.0 in all required theatre and communications courses taken up to that date and a minimum grade of C in each semester of Production Laboratory (THR152, THR153, THR154, THR155) taken up to that date.

- * ENG142 is recommended.
- ** To be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120, IND101 or IND102.
- *** To be selected from PED126, PED133, PED144, PED147, PED149, PED159, PED160, PED161, PED162, or PED163. One elective **MUST** be chosen from a dance course.
- † Though THR151 will fulfill this requirement, students planning to transfer to a baccalaureate program are strongly advised to select a foreign language course.
- ‡ A successful portfolio review is required to graduate. At the end of the fourth semester, students must submit a final portfolio to the review committee for the granting of the A.S. degree.
- ♦ These courses constitute the major courses in this curriculum.

NOTES: 1) Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses. 2) See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION

English	.6 credits
Communications	.3 credits
Humanities	.3 credits
Social Sciences/History	.9 credits
Mathematics/Science	7-8 credits
Theatre	33.5 credits
Unrestricted Elective	.3 credits
Freshman Seminar	1.5 credits
Physical Education	.2 credits

General Theatre Sequence (THGT-AS)

FIRST SEMESTER: 18.5 credits Credits

COM101: Introduction to Human Communication or COM111: Voice and Diction	3
ENG101: Standard Freshman Composition	3
♦ THR100: Freshman Seminar for Theatre Majors	1.5
♦ THR101: Understanding Theatre	3
♦ THR105: Acting I	3
♦ THR115: Basic Theatre Practice: Stagecraft	3
♦ THR152: Production Laboratory I	2

SECOND SEMESTER: 18 credits

* ENG142: Introduction to Dramatic Literature or ENG102: Introduction to Literature or ENG220: Shakespeare	3
** History Elective	3
*** Humanities Elective	3
Physical Education	1
♦ THR116: Basic Theatre Practice: Lighting Crafts	3
♦ THR153: Production Laboratory II	2
♦ THR205: Acting II	3

THIRD SEMESTER: 17-18 credits

Communications Elective	3
Mathematics Elective	3-4
Social Sciences Elective	3
♦ THR117: Basic Theatre Practice: Costume Crafts	3
♦ THR154: Production Laboratory III	2
Unrestricted Elective	3

FOURTH SEMESTER: 16 credits

*** Humanities Elective	3
Laboratory Science	4
Physical Education	1
Social Sciences Elective	3
♦ THR155: Production Laboratory IV	2
♦ THR211: Classical Theatre	3

TOTAL CREDITS REQUIRED: 69.5-70.5

* ENG142: Introduction to Dramatic Literature is recommended.

** To be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120, IND101 or IND102.

*** THR151 will fulfill only one Humanities Elective. The second elective must be chosen from MUS101, MUS103 or ART101, ART111, ART112, ART113, ART133, ART161, ART210, or a Foreign Language. Students planning to transfer to a baccalaureate program are strongly advised to select a foreign language course.

- ♦ These courses constitute the major courses in the curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses.* 2) *See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION

English	.6 credits
Communications	.6 credits
Humanities	.6 credits
Social Sciences/History	.9 credits
Mathematics/Science	7-8 credits
Theatre	.29 credits
Unrestricted Electives	.3 credits
Freshman Seminar	1.5 credits
Physical Education	.2 credits

Technical Theatre Sequence (THTT-AS)

FIRST SEMESTER: 18.5 credits Credits

COM101: Introduction to Human Communication or COM111: Voice and Diction	3
ENG101: Standard Freshman Composition	3
♦ THR100: Freshman Seminar for Theatre Majors	1.5
♦ THR101: Understanding Theatre	3
♦ THR105: Acting I	3
♦ THR115: Basic Theatre Practice: Stagecraft	3
♦ THR152: Production Laboratory I	2

SECOND SEMESTER: 18 credits

* ENG142: Introduction to Dramatic Literature or ENG102: Introduction to Literature or ENG220: Shakespeare	3
** History Elective	3
*** Humanities Elective	3
Physical Education	1
♦ THR116: Basic Theatre Practice: Lighting Crafts	3
♦ THR118: Basic Theatre Practice: Design and Drafting	3
♦ THR153: Production Laboratory II	2

THIRD SEMESTER: 16.5-17.5 credits

*** Humanities Elective	3
Mathematics Elective	3-4
Physical Education	1
Social Sciences Elective	3
♦ THR117: Basic Theatre Practice:	
Costume Crafts	3
♦ THR154: Production Laboratory III.	2
♦ THR244: Theatre Portfolio Preparation	1.5

FOURTH SEMESTER: 15 credits

Social Sciences Elective	3
Laboratory Science Elective	4
♦ THR119: Basic Theatre Practice: Sound	3
♦ THR155: Production Laboratory IV	2
♦ THR211: Classical Theatre	3
† Theatre Portfolio Review	0

TOTAL CREDITS REQUIRED: 68-69

NOTE: *Courses and sequence of courses should be selected in consultation with a faculty advisor. In order to continue in the Theatre Arts curriculum beyond the first year, a student must at the end of two semesters have a minimum grade point average of 2.0 in all required theatre and communications courses taken up to that date and a minimum grade of C in each semester of Production Laboratory (THR152, THR153, THR154, THR155) taken up to that date.*

* ENG142 is recommended.

** To be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120, IND101 or IND102.

*** THR151 may fulfill only one humanities elective. The second humanities elective must be selected from MUS101, MUS103, ART101, ART111, ART112, ART113, ART133, ART161, ART210 or a foreign language. Students planning to transfer to a baccalaureate program are strongly advised to select a foreign language course.

† A successful portfolio review is required to graduate. At the end of the fourth semester, students must submit a final portfolio to the review committee for the granting of the A.S. degree.

♦ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses.* 2) *See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.*

REQUIRED CREDIT DISTRIBUTION

English . . . . .	.6 credits
Communications . . . . .	.3 credits
Humanities . . . . .	.6 credits
Social Sciences/History . . . . .	.9 credits
Mathematics/Science	7-8 credits
Theatre	33.5 credits
Freshman Seminar	1.5 credits
Physical Education . . . . .	.2 credits

VETERINARY SCIENCE TECHNOLOGY / A.A.S. DEGREE

Grant / VETSD-AAS, VETSE-AAS

Hegis Code - 5402

Veterinary Science Technology is a growing field that offers a variety of careers to individuals interested in working with animals either as technicians or as members of a scientific community. For many people, the study of veterinary technology serves as a starting point for entry into various animal and health-related careers.

A veterinary technician is described by the American Veterinary Medical Association as “a person knowledgeable in the care and handling of animals, in the basic principles of normal and abnormal life processes, and in routine laboratory and clinical procedures. A technician is primarily an assistant to veterinarians, biological research workers and other scientists.”

The demand for personnel trained in the area of animal care and management is strong. The large pet population requires technical-support personnel to assist veterinarians in clinical practices. The growth of biomedical research and the concern for humane care of animals used in research require qualified assistants. The expansion of the biotechnology industry has increased the need for qualified technical support.

The Veterinary Science Technology program has been designed to graduate well-trained and competent technicians for the veterinary and biomedical research fields. Practical experience with live animals and field experience under typical working conditions form an integral part of the program. The practical experience is achieved by internships with affiliated veterinary clinics, biomedical research centers and the College’s animal facilities.

The Veterinary Science Technology program is fully accredited by the American Veterinary Medical Association. Upon completion of the program, the student is eligible to take the New York State Education Department licensure examination for certification as a veterinary technician.

An articulation agreement exists between Suffolk County Community College and Cornell University. Students have the opportunity to be accepted into the College of Agriculture and Life Sciences at Cornell University after completing their A.A.S. degree at Suffolk County Community College.

Animal Use

Animal use in the Veterinary Science Technology program falls under the jurisdiction of the United States Department of Agriculture (USDA) and the New York State Department of Health. Although animal alternatives to animal use are employed, a minimum of hands-on animal training is required to meet the standards set forth by the American Veterinary Medical Association’s Committee on Veterinary Technician Activities.

Typical Employment Opportunities

Job opportunities exist as licensed veterinary technicians in the following areas:

Small animal hospitals and clinics	City, state and federal government agencies
Research laboratories	Universities
Pharmaceutical companies	Medical and dental schools
Pet Industry/Sales	Zoological gardens
Public health agencies	Laboratory animal products/sales

Admission Procedures and Requirements

Minimum requirements to be considered for admission into the VST Program:	
High School Applicants	<ul style="list-style-type: none"> • High school math and science (biology and chemistry with laboratories) average of 75. • Minimum grade of 70% on both Biology and Chemistry Regents. • Mathematics sequence through Algebra2/Trig or equivalent successfully completed. • Applicants requiring placement testing must place out of all remedial courses. • All requirements for admission should be completed within five years.
College Applicants	<ul style="list-style-type: none"> • Minimum grade of C in each of the prerequisite courses (CHE 100, BIO 101 and MAT 007) • Applicants requiring placement testing must place out of all remedial courses. • All requirements for admission should be completed within ten years.
Deadline for Applications	January 1, of the year of entry. Complete applications (inclusive of supportive documentation e.g. high school and /or college transcripts) will be given priority consideration.

Admission to the full-time day program occurs every fall; evening students are accepted in the fall of even-numbered years. However, many students take general education (non-VST) courses that would apply to the curriculum before being accepted into the program.

The Veterinary Science Technology curriculum is a restricted program and highly competitive. Meeting minimum criteria does not guarantee acceptance to the program. The College reserves the right to make final decisions based upon the applicant pool each year.

Minimum Grade Requirements and Program Completion

Students admitted into the program must achieve a minimum passing grade of C in all VST courses. Only one repeat of a VST course is permitted. For optimal student performance, students will take courses in the sequences indicated below.

SUGGESTED DAY SEQUENCE (VETSD)

FIRST SEMESTER: 18-19 credits *Credits*

- BIO141: Zoology..... 3
- CHE120: Introduction to General, Organic and Biochemistry..... 4
- ENG101: Standard Freshman Composition... 3
- Mathematics Elective..... 3-4
- *♦ VST101: Introduction to Animal Technology 2
- ♦ VST102: Comparative Anatomy of Domesticated Animals 3

SECOND SEMESTER: 18 credits

- BIO142: Animal Parasitology 3
- ENG102: Introduction to Literature 3
- Social Sciences Elective 3
- *♦ VST111: Farm Animal Nursing 3
- ♦ VST112: Comparative Physiology of Domesticated Animals 4
- ♦ VST114: Veterinary Practice Management ... 2

THIRD SEMESTER: 16 credits

- ♦ VST201: Laboratory Animal Technology 3
- ♦ VST202: Clinical Laboratory Techniques I... 3
- *♦ VST203: Animal Clinic Internship I..... 3
- ♦ VST205: Pharmacy and Pharmacology..... 3
- ♦ VST206: Veterinary Cardiology and Radiology 4

FOURTH SEMESTER: 19 credits

- BIO244: General Microbiology..... 4
- Physical Education (2 courses)..... 2
- Social Sciences Elective 3
- ♦ VST212: Clinical Laboratory Techniques II ... 3
- *♦ VST213: Animal Clinic Internship II 3
- ♦ VST216: Surgical Nursing and Anesthesiology..... 4

TOTAL CREDITS REQUIRED: 71-72

SUGGESTED EVENING SEQUENCE (VETSE) (four years including summers)

SUMMER SEMESTER I: 6-7 credits *Credits*

- ENG101: Standard Freshman Composition... 3
- Mathematics Elective..... 3-4

VISUAL ARTS / A.S. DEGREE

Ammerman - Grant / VART-AS Hegis Code - 5610

This degree provides a general studio arts foundation curriculum for students interested in transferring into a baccalaureate degree program in visual arts. Emphasis is placed on drawing and design with opportunities to explore painting, sculpture, ceramics, printmaking, photography and computer art. Survey courses in art history are integrated into the program.

A successful portfolio review is required at the completion of the final semester, to be reviewed and accepted by the portfolio review committee for the granting of the A.S. degree.

Admission Procedures and Requirements

Students are admitted on a rolling basis, fall and spring.

FIRST SEMESTER: 16.5-17.5 credits

	Lec.	Lab.	Cr.
♦ ART105: Visual Arts			
Freshman Seminar	1.5	-	1.5
♦ ART111: Art History I	3	-	3
♦ ART130: 2D Design	1	4	3
♦ ART133: Drawing I	1	4	3
ENG101: Standard			
Freshman Composition	3	-	3
Mathematics Elective	3-4	-	3-4

SECOND SEMESTER: 18 credits

♦ ART112: Art History II	3	-	3
♦ ART134: Drawing II	1	4	3
♦ ART210: 3D Design	1	4	3
ENG102: Introduction to			
Literature	3	-	3
* History Elective	3	-	3
♦** Visual Arts Elective	1-3	0-4	3

THIRD SEMESTER: 18 credits

♦ ART135: Life Drawing I	1	4	3
♦ ART289: Portfolio			
Development and			
Assessment	-	2	1
*** Humanities Elective	3	-	3
Laboratory Science			
Elective	3	3	4
Physical Education	-	2	1
*** Social Sciences Elective	3	-	3
♦** Visual Arts Elective	1-3	0-4	3

FOURTH SEMESTER: 16 credits

♦† Computer Arts Elective	1-3	0-4	3
*** Humanities Elective	3	-	3
Physical Education	-	2	1
♦‡ Portfolio Review	-	-	0
*** Social Sciences Elective	3	-	3
♦** Visual Arts Elective			
(2 courses)	1-3	0-4	6

TOTAL CREDITS REQUIRED: 68.5-69.5

* To be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, or HIS120.

** In choosing Visual Arts Electives, the student must select three courses from the following disciplines: art history, ceramics, computer art, life drawing, painting, printmaking, watercolor,

sculpture and photography. The fourth elective must be an advanced-level course selected from any of the above areas. Please note that not all of these areas of specialization are available at all campuses.

*** Recommended elective courses:

Humanities: HUM 114, HUM116, HUM249, MUS101, MUS206, MUS210, PHL101, PHL104, PHL107, PHL111, PHL293, THR101, THR115, or THR211. (Students may also take a foreign language, but they cannot take an additional art course to fulfill this requirement.)

Social Sciences: ANT101, ANT105, ANT203, ANT205, ANT211, ECO101, ECO111, ECO112, GEO101, GEO102, GEO103, HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120, HIS201, POL101, POL103, POL105, POL107, PSY101, PSY105, SOC101, SOC122, or SOC210.

† To be selected from ART120 through ART129.

‡ A successful portfolio review is required to graduate. At the end of the fourth semester, students must submit a final portfolio to be reviewed and accepted by the portfolio review committee for the granting of the A.S. degree.

♦ These courses constitute the major courses in this curriculum.

NOTES: 1) Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 87 of this catalog for information on selection of elective courses. 2) See Transfer Opportunities on page 26 for articulation agreements with four-year colleges and universities.

REQUIRED CREDIT DISTRIBUTION:

English . . . . .	.6 credits
Humanities . . . . .	.6 credits
Laboratory Science . . . . .	.4 credits
Mathematics	3-4 credits
Social Sciences . . . . .	.9 credits
Visual Arts	38.5 credits
Physical Education . . . . .	.2 credits

Alumnus Profile

Gary J. Skolits, Ed.D. – Class of 1973

Dr. Gary Skolits remembers his years at Suffolk County Community College with a sense of pride and empowerment. “Suffolk provided me with a solid lifelong educational foundation, opened the doors to advanced educational opportunities, and made all of these things possible by enabling me to work and study during my first two years of college,” he notes.

Gary earned an Associates of Arts degree in 1973. His memories of Suffolk include challenging courses, committed teachers, and an unanticipated interest in statistics and economics. After graduating, Gary went on to complete a baccalaureate degree at SUNY Geneseo and a master’s degree at Pennsylvania State University. Thirty years later, he completed a doctorate in educational administration at East Tennessee University.

Gary has spent a majority of his career in higher education. For the past ten years, he has served as the Director of the University of Tennessee’s (UT) Institute for Assessment and Evaluation, where he has brought in approximately \$4 million in external funding to the university. He serves as a tenured Associated Professor of Educational Psychology and Research at UT, where he directs the Ph.D. program in Evaluation, Statistics, and Measurement. Gary has completed over 150 evaluation studies for local, state, regional, and national educational projects, and his scholarship has been published in a broad range of domestic and international academic journals and textbooks.

Prior to his work at UT, Gary held a variety of professional positions, including Assistant Vice President - Academics and Dean of Institutional Effectiveness at Walters State Community College, Corporate Finance Analyst at North American Philips Consumer Electronics, Community/Regional Planner at Tennessee Valley Authority, and City Management Executive at Miami-Dade County Manager’s Office.

Gary credits his enrollment at Suffolk County Community College as the single most important decision in his professional career, as it provided the foundation for his commitment to lifelong learning and public service.





Courses

INTRODUCTION

Each course description in the following pages includes one or more of these designations: A, E, G. The letters indicate whether the course is offered on or by the Ammerman, Eastern and Michael J. Grant campuses, respectively.

Generally, day courses meet one clock hour each week during the semester for every credit hour stipulated in the course description. Thus, a "3 cr. hr." course meets three hours each week during a 15-week semester. However, two or three hours (or more) of laboratory, studio or other learning activities will count the same as one hour of lecture. Students should understand that one hour in class normally requires two hours of preparation, reading or outside work. Thus, a full-time student enrolled for 15 credits should be prepared to devote as much as 30 hours to out-of-class learning activities, in addition to time spent in the classroom.

Certain courses have prerequisites, and the college expects students to have successfully completed all prerequisites before registering for such courses. It is the student's responsibility to make sure that all course prerequisites are completed before registering for a course. Questions concerning course prerequisites should be directed to an appropriate academic chairperson, academic dean or counselor. *The College reserves the right to prohibit a student from attending a class when it feels the course prerequisite(s) have not been met.*

Sequential courses numbered with a comma (such as 101, 102 or 201, 202) consist of two

semester-length courses which may be taken in any sequence or independently of each other. Courses numbered with a hyphen (such as 101-102 or 201-202) must be taken in sequence and the first course must be satisfactorily completed before registering for the second.

Depending upon their curriculum, students may have considerable freedom to choose courses according to their interests. However, enrollment in certain courses is restricted to students matriculated in particular programs (e.g., only nursing students may enroll in NUR courses). In some other courses, enrollment priority is given to students matriculated in particular programs but, if room is available, other students may be admitted (e.g., students in the health careers programs have priority in the HSC101 course, but others may take it as an elective if space is available).

Course descriptions in the following pages are grouped according to subject or discipline and are arranged alphabetically.

Some curriculum outlines, in addition to designating specific courses which must be completed, stipulate a "Humanities elective," "Social Sciences elective," "Science or Mathematics elective," "Business elective," etc. In the list which follows, subjects or disciplines

are grouped into these broad areas. It should be noted that “Liberal Arts electives” include any course in any subject area which is included under the humanities, social sciences, science or mathematics areas, and several computer science courses.

Many of the courses listed in the following pages are offered both day and evening every semester. However, certain courses are offered only in the day (or only in the evening), and some courses are not offered each semester. Please consult the class schedule, published four times each year and also available online, for a complete listing of all courses to be offered in a particular fall, wintersession, spring or summer term.

DISTANCE EDUCATION

Definitions

Online education is defined broadly by Suffolk County Community College to describe various teaching/learning methodologies that include fully online, online/campus blended, teleconference and real time Web meeting courses or any combination of these modalities. The basic purpose of online education is to allow students to participate in the learning process from alternate location(s) and not necessarily at a given date or time.

Online learning courses are intended for students who may find that these methods suit their learning needs or lifestyles better than traditional on-campus instruction, thus ensuring the maximum accessibility of Suffolk County Community College’s unique educational opportunities.

Mission Statement

Suffolk County Community College’s online education program is structured to accommodate students’ needs for mobile, learner-centered environments. Its teleconference classes in the college distance learning classrooms also serve students who wish to enroll in a traditional real time class with faculty for courses rarely offered at their home campuses. The SCCC online education program encourages its faculty to explore new and innovative means of student engagement and assessment in order to maintain the same high academic standards as those of conventional SCCC courses. Moreover, the College’s online education program provides professional development opportunities for faculty growth and program innovation. The Office of Instructional Tech-

nology serves SCCC to make the institution a leader in the use of instructional technologies within SUNY and higher education.

Principles

The underlying principle of online education development is the careful selection of those programs and courses which are best-suited for mobile education. This increases student access to courses that best meet their educational goals by 1) maximizing enrollment opportunities; 2) allowing students to take courses during nontraditional times; 3) offering SCCC courses to students who do not have access or prefer not to commute to a campus; and 4) expanding the variety of courses offered at the College to all campuses and the entire SUNY community.

The Modalities

Fully Online Courses (i.e., Asynchronous):

These courses are offered entirely online using the Blackboard Learn course management system as a member of Open SUNY, the largest public university online learning community. Students may take any online course offered by any campus.

Blended/Hybrid Courses: These courses offer a combination of both classroom and independent work in a mobile modality. Class materials, projects and/or participation in discussions using the Blackboard Learn system compliment classroom activity. Students are expected to be able to complete both the in person and online components of the class for successful completion of the course.

Distance Learning Classrooms (i.e., Synchronous): Distance Learning Classroom courses are offered simultaneously at the three campuses in specially-equipped classrooms to allow the instructor to interact with students live via a state of the art teleconference system. Used primarily for classes with low enrollment on an individual campus, it creates a single class from students on all three campuses, ensuring that upper level courses needed for completion of degrees are offered to all students.

Web Enabled Classes: These are traditional (i.e., face-to-face) classes where the instructor has elected to provide additional study materials for their students online in the Blackboard Learn system. Students are not required to use these materials. They can choose to use them at their discretion to improve their studies.

INDEPENDENT STUDY

A student wishing to carry out a learning project that incorporates content and depth not available through regular course offerings may submit a proposal to do so through an independent study course. Application for independent study should be made in advance of the semester during which the course activities will be carried out and must be made in consultation with a faculty member who will serve as instructor for the course. A proposal for independent study must include a rationale for the course, a statement of objectives to be

achieved, and a description of activities to be carried out in order to achieve those objectives. Approval by the Executive Dean is required. Interested students are advised to consult the academic chair prior to preparing a proposal.

Independent study courses require, as a prerequisite, matriculated status at Suffolk County Community College and six credit hours in the respective area of study with a grade of B or better.

All Independent Study courses are designated 297 according to academic discipline.

ACADEMIC AREAS, DISCIPLINES AND CODES

Business Area

Accounting . . . . .	.ACC
Banking and Finance . . . . .	.BNK
Business Management . . . . .	.BUS
Business: Law . . . . .	.LAW
Business: Marketing . . . . .	.MKT
Business: Retailing . . . . .	.RET
Information Processing . . . . .	.INP
Office Technologies . . . . .	.OFT

Engineering Science and Technology Area

Automotive Service Specialist . . . . .	.AUT
Construction Technology / Architectural Technology . . . . .	.COT
Drafting . . . . .	.DRF
Electrical Engineering Technology . . . . .	.ELT
Engineering Science . . . . .	.ENS
Fire Protection Technology . . . . .	.FPT
Telecommunications Technology . . . . .	.TEL

Humanities Area*

Chinese . . . . .	.CHI
Cinema Studies . . . . .	.CIN
Communications . . . . .	.COM
Computer Art . . . . .	.ART
English . . . . .	.ENG
French . . . . .	.FRE
German . . . . .	.GER
Graphic Design . . . . .	.GRD
Humanities . . . . .	.HUM
Interior Design . . . . .	.INT
Italian . . . . .	.ITL
Japanese . . . . .	.JPN
Journalism . . . . .	.ENG
Latin . . . . .	.LAT
Music . . . . .	.MUS
Philosophy . . . . .	.PHL
Photographic Imaging . . . . .	.ART
Spanish . . . . .	.SPN
Theatre Arts . . . . .	.THR
Visual Arts . . . . .	.ART
Women's and Gender Studies . . . . .	.WST, HUM, HIS, PHL, SOC

Nursing, Health and Physical Education Area

American Sign Language . . . . .	.ASL
Chemical Dependency Counseling . . . . .	.CDC
Dietetic Technician . . . . .	.DTE
Emergency Medical Technician: Paramedic . . . . .	.PAR
Health Careers . . . . .	.HSC, MED
Health Information Technology / Medical Records . . . . .	.HIT

Human Services . . . . .	.HUS
Nursing . . . . .	.NUR
Occupational Therapy Assistant . . . . .	.OTA
Physical Education . . . . .	.PED
Physical Education: Fitness Specialist . . . . .	.PFS
Physical Therapy Assistant . . . . .	.PTA
Practical Nursing . . . . .	.PNU

Science and Mathematics Area*

Astronomy . . . . .	.AST
Biology . . . . .	.BIO, ENV
Chemistry . . . . .	.CHE
Earth and Space Science . . . . .	.ESC
Marine Biology . . . . .	.MAR
Mathematics . . . . .	.MAT
Meteorology . . . . .	.MET
Oceanography . . . . .	.MAR
Physics . . . . .	.PHY

Social Sciences Area*

Anthropology . . . . .	.ANT
Economics . . . . .	.ECO
Geography . . . . .	.GEO
History . . . . .	.HIS
Political Science . . . . .	.POL
Psychology . . . . .	.PSY
Sociology . . . . .	.SOC

Special Areas

College Seminars . . . . .	.COL
Computer Science* / Information Technology . . . . .	.CST
Criminal Justice . . . . .	.CRJ
Culinary Arts . . . . .	.CUL
Early Childhood Education / Education . . . . .	.EDU
English as a Second Language . . . . .	.ESL
Heating, Ventilation, Air Conditioning and Refrigeration . . . . .	.HVA
Hotel and Resort Management . . . . .	.HRM
Interdisciplinary Studies* . . . . .	.IND
Library Research . . . . .	.LIB
Manufacturing Technology . . . . .	.MFT
Police Administration . . . . .	.POA
Radio and Television Production . . . . .	.RTV
Reading . . . . .	.RDG
Veterinary Science Technology . . . . .	.VST

*Courses in these areas can be used to fulfill Liberal Arts electives.

COURSE DESCRIPTIONS

ACCOUNTING

ACC101‡ A-E-G / 4 cr. hrs. PRINCIPLES OF ACCOUNTING I

Computerized enhanced instruction examines nature and purpose of accounting theory and procedures through study of accounting cycle, asset valuation and financial statements. Develops foundation of accounting knowledge for additional learning in subsequent courses. No prerequisite.

ACC102‡ A-E-G / 4 cr. hrs. PRINCIPLES OF ACCOUNTING II

Computerized enhanced instruction develops accounting principles and procedures as applied to partnerships and corporations. Designed primarily for students anticipating careers in accounting or who otherwise require detailed understanding of financial accounting practices. Prerequisite: ACC101.

ACC115 A-E-G / 3 cr. hrs. MANAGERIAL ACCOUNTING

Emphasis on attention-directing and problem-solving functions of accounting with respect to management planning and controlling fiscal activities. Recommended for all students outside accounting emphasis. Prerequisite: ACC101

ACC116 A-E-G / 3 cr. hrs. PRACTICAL ACCOUNTING

Includes three practice sets specially designed to provide students opportunity to prepare federal and state tax forms relating to depreciation, payroll, sales tax, and corporate income and franchise taxes. Also covers the one-write system, bank reconciliations and physical inventory procedures. Prerequisite: ACC101.

ACC117 E / 3 cr. hrs. MANAGERIAL ACCOUNTING FOR THE HOSPITALITY INDUSTRY

Managerial accounting fundamentals especially tailored for students in hospitality service industries. Emphasis on attention-directing and problem-solving functions of accounting with respect to management planning and controlling fiscal activities of hotels and restaurants. Prerequisite: ACC101.

ACC126 A-E-G / 3 cr. hrs. GOVERNMENTAL ACCOUNTING

Introduction to concepts and procedures of fund accounting as applied to government and nonprofit institutions. Topics include principles of fund accounting, appropriations, encumbrances, expenditures, and problems and procedures related to use and control aspects of budgets. Prerequisite: ACC101.

ACC137‡ A-E-G / 4 cr. hrs. COMPUTER ACCOUNTING PRINCIPLES

Introductory course providing students with real-life exposure to use of major accounting applications programs on a microcomputer. Payroll, receivables, payables, inventory as well as integrated packages are utilized. Prerequisite: ACC101.

ACC145‡ E / 3 cr. hrs. FRAUD EXAMINATION

Fraud Examination will cover the principles and methodology of fraud detection and deterrence. The course includes such topics as skimming, cash larceny, check tampering, register disbursement schemes, billing schemes, payroll and expense reimbursement schemes, non-cash misappropriations, corruption, accounting principles and fraud, fraudulent financial statements, and interviewing witnesses. (2 hours lecture; 1 hour lab) Prerequisite: ACC101.

ACC201 A-E-G / 4 cr. hrs. INTERMEDIATE ACCOUNTING I

Stresses theoretical and analytical aspects of financial accounting. Topics include the Balance Sheet and Income Statement with particular emphasis on current assets, fixed assets and current liabilities. Pertinent pronouncements of the Financial Accounting Standards Board (FASB) are an integral part of the course. Prerequisite: ACC102.

ACC202 A-E-G / 4 cr. hrs. INTERMEDIATE ACCOUNTING II

Involves same theoretical and analytical approach of ACC201 but topical emphasis is on corporate capital, long-term liabilities, investments, fund flow, analysis, and reconstruction of financial statements. Pertinent pronouncements of the Financial Accounting Standards Board (FASB) are an integral part of the course. Prerequisite: ACC201.

ACC210 A-E-G / 4 cr. hrs. COST ACCOUNTING

Basic principles and procedures of cost accounting and cost control in a manufacturing organization through study of job order, process and standard cost procedures, budgeting, predetermined cost, variance and decision analysis. Prerequisite: ACC102 or ACC115.

ACC212‡ A-E-G / 4 cr. hrs. ELECTRONIC SPREADSHEET APPLICATIONS FOR ACCOUNTING

Concentrates on financial and managerial accounting applications with particular emphasis on using advanced spreadsheet financial functions related to recording business transactions; developing adjusted trial balance; preparing financial statements; analyzing and presenting accounts receivable; analyzing inventory; accounting for property, plant, and equipment; examining bonds payable and time value of money; evaluating performance; understanding cost-volume-profit relationships; and capital budgeting supported by spreadsheet graphics, database and macro capabilities. Prerequisite: ACC101 and either ACC137, BUS112, or CST101.

ACC214 A-E-G / 3 cr. hrs.

CORPORATE FINANCE

Introductory course in business financial management. Deals with need for funds within the firm and alternative institutions and financial instruments available. Prerequisite: ACC102.

ACC218 A-E-G / 3 cr. hrs.

FEDERAL INCOME TAXATION

History of income taxation, gross income and exclusions therefrom; deductions; credits; exemptions; capital gains; depreciation, inventory and accounting methods; accounting records; preparation and filing of tax returns, with special emphasis on small business and individual taxpayers. Prerequisite: ACC102 or ACC115.

AMERICAN SIGN LANGUAGE

ASL101 A / 3 cr. hrs.

AMERICAN SIGN LANGUAGE I

Introduces American Sign Language, the visual-gestural language of the deaf. Incorporates nonverbal communication techniques, basic vocabulary, grammar principles and conversational skills. (3 hrs. lecture.) No prerequisite.

ASL103 A / 3 cr. hrs.

DEAF CULTURE AND CONTEMPORARY ISSUES

Introduces culture and heritage of deaf Americans and recent developments in fields of sign language and deafness. Covers causes of deafness, degrees of hearing impairment; educational, linguistic and social needs of deaf individuals; diverse philosophies of deaf education, and roles of professionals working with deaf people. Familiarizes students with contemporary issues and current trends. Presents future employment opportunities for persons with American Sign Language skills. No prerequisite.

ASL105 A / 3 cr. hrs.

AMERICAN SIGN LANGUAGE II

Expands skills in American Sign Language. Emphasis placed on expressive and receptive conversational skills including vocabulary expansion, deaf idioms and creative use of visual vernacular. (3 hrs. lecture.) Prerequisite: ASL101.

ASL201‡ A / 4 cr. hrs.

AMERICAN SIGN LANGUAGE III

Further development of manual fluency in American Sign Language. Stress placed on conversational regulators, facilitating behaviors, morphological process, subtle non-manual cues, sign fluidity and casual vs. citation sign formations. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: ASL105.

ASL203 A / 2 cr. hrs.

FINGERSPELLING

Introduces manual representation of words of a spoken language. Emphasis on development of hand configuration, basic word patterns, rhythm and fluidity. Additional focus placed on fingerspelled loan signs. Prerequisite: ASL105.

ASL205 A / 3 cr. hrs.

INTRODUCTION TO THE PROFESSION OF SIGN LANGUAGE INTERPRETING

This course introduces students to the profession of sign language interpreting and begins their preparation for the knowledge portion of the Registry of Interpreters for the Deaf National Interpreting Certification Exam. Topics include the history of the profession, its ethical framework, best practices, business practices and optional areas for specialization. Students learn where interpreters are employed and how to establish a freelance interpreting practice. Prerequisite: Restricted to ASL Studies and Interpreter for the Deaf majors; Prerequisite: ASL103.

ASL210 A / 3 cr. hrs.

COMPARATIVE LINGUISTICS: ASL AND ENGLISH

Emphasizes importance of the student understanding the two languages: American Sign Language and English, and working between the two languages as an interpreter or worker in the deaf community. Provides in-depth study of phonology, morphology, syntax and semantics of American Sign Language in comparison with those of English. Prerequisite: ASL201.

ASL212‡ A / 3 cr. hrs.

SIGN-TO-VOICE INTERPRETING

This course will introduce students to the theoretical process of working between two languages, including those set forth by Cokey, Colonomos and Gish. In addition, the application of Demand-Control Theory to sign language interpreting will be introduced. Students will apply these theories to working from American Sign Language into spoken English. (2 hours lecture, 4 hours laboratory) Prerequisite: ASL201.

ASL220‡ A / 4 cr. hrs.

AMERICAN SIGN LANGUAGE IV

Integrates well-developed American Sign Language communicative skills with interactive opportunities within the community of language users, i.e., the deaf community. Emphasis on cultural aspects inherent in the language: literature, values and attitudes, regional and social variations. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: ASL201.

ASL222‡ A / 3 cr. hrs.

VOICE-TO-SIGN INTERPRETING

Introduces principles and techniques of interpreting spoken or written English into the manual, oral and written communication equivalents. Also applies to the concept and practice of interpreting from spoken English to American Sign Language. (2 hrs. lecture, 4 hrs. laboratory.) Prerequisite: ASL212.

ASL230 A / 3 cr. hrs.

TECHNICAL SIGN LANGUAGE

Application of contextual vocabulary and sentence structure in ASL and development of conceptual sign accuracy in the two languages: ASL and English. Areas of emphasis include, but are not limited to, educational, mental health, rehabilitation, legal, medical, theater arts, social services and religious interpreting settings. (3 hrs. lecture.) Prerequisite: ASL212 and ASL220.

ASL240‡ A / 3 cr. hrs.

SIGN LANGUAGE INTERPRETER SEMINAR AND FIELDWORK

This course provides students the opportunity to apply their interpreting knowledge and skills to real world settings. Students participate in pre-approved off-campus activities during the day, evening, or weekend, which include a combination of observation and participation. During a weekly two-hour seminar students are guided by the instructor in discussions of their fieldwork experiences, their transition from school to work, and the preparation of an individual Professional Development Plan for after graduation. Registration requires that students purchase liability insurance through the college. (2 hrs. lecture, 4 hrs. fieldwork.) Prerequisite: ASL205, ASL212, and ASL222. Additional prerequisite or corequisite: ASL230.

ANTHROPOLOGY

ANT101 A-E-G / 3 cr. hrs.

CULTURAL ANTHROPOLOGY

Introductory course studying broad range of cultural similarities and differences among human populations. Using ethnographic accounts as a database, initial focus is on non-Western cultures. Comparisons with more technologically advanced cultures provide important insights into how culture works Prerequisite: RDG099 or ESL012 or equivalent.

Note: Fulfills SUNY General Education Requirement for Social Sciences and Other World Civilizations.

ANT103 A-E-G / 3 cr. hrs.

PHYSICAL ANTHROPOLOGY

Explores fields of paleontology, primatology and human physical variation as they relate to human evolution. Change and stability, adaptation and extinction are major themes. Findings from evolutionary biology, behavioral ecology, and the hominid fossil record are integrated in order to understand the transition from ape to human. Where do we come from? Why do we behave the way we do? Where are we going? No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences

ANT203 G / 3 cr. hrs.

ANTHROPOLOGY OF RELIGION

Studies religion as an institution in primitive society. Places emphasis on anthropological methodology as a tool for understanding folk religious systems. Works of such anthropologists as Durkheim, Malinowski, Boas and Levi-Strauss are considered as they pertain to religious development. Application of anthropological methodology is demonstrated by use of North American, South American, Oceanic and African culture areas. Prerequisite: ANT101.

Note: Fulfills SUNY General Education Requirement for Social Sciences and Other World Civilizations.

ANT205 A / 3 cr. hrs.

NATIVE AMERICANS

Archaeology, prehistory and traditional development of Native American culture. Explores diversity of American Indian culture in terms of social systems, institutions and behavior patterns. Groups such as the Aztec, Navajo, Pueblo and Eskimo are studied in relation to their environmental adaptation and cultural development. Prerequisite: ANT101.

Note: Fulfills SUNY General Education Requirement for Other World Civilizations.

ANT211 E-G / 3 cr. hrs.

CARIBBEAN CULTURES

Interdisciplinary study of historical and contemporary elements of diverse cultures in the Caribbean. Topics include history, economics, social institutions, cultural patterns and the arts. May be taken for social science or humanities credit. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Other World Civilizations.

ANT295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN ANTHROPOLOGY

Special and current topics in Anthropology may be available. See the online catalog for a complete listing.

ANT296 A-E-G / 3-4 cr. hrs.

HONORS SPECIAL TOPICS IN ANTHROPOLOGY

Honors special topics courses in Anthropology may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

ART**ART101** A-E-G / 3 cr. hrs.**ART APPRECIATION**

Introductory course designed to identify major visual art forms. Includes examination of selected masterpieces through use of films, slides and field trips; also, experience with simple methods and materials to illustrate basic concepts, gain insight into the creative process, and cultivate aesthetic values. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities and The Arts.

ART105 A-E-G / 1.5 cr. hrs.**VISUAL ARTS SEMINAR**

Methods and skills students can adopt to promote their success in the Visual Arts program and prepare them to transfer successfully into BFA programs. Students will learn the college's expectations, how to manage their time and resources, and how to access college programs and resources to assure a successful educational experience. The art curriculum, prospective transfer schools, and career opportunities in the field of visual arts will be discussed throughout the semester. Fulfills Freshman Seminar requirement for students in Visual Arts A.S. degree. No prerequisite.

ART111 A-E-G / 3 cr. hrs.**ART HISTORY I**

Introductory survey of principal movements and trends in painting, sculpture and architecture from pre-historic to Renaissance. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities and The Arts.

ART112 A-E-G / 3 cr. hrs.**ART HISTORY II**

Introductory survey of principal movements and trends in painting, sculpture and architecture from Renaissance to 20th century. (May be taken out of sequence.) No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities and The Arts.

ART113 A-E-G / 3 cr. hrs.**MODERN ART**

Study of history of painting, sculpture and architecture from 1850 to the present. Emphasis primarily art of the 20th century. Lectures supplemented with slides, film and museum and gallery trips. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities and The Arts.

ART114 E-G / 3 cr. hrs.**HISTORY OF PHOTOGRAPHY**

Photography's contribution to the visual arts, focusing on individual photographers and development of particular styles. Relationship between photography and other fine art media considered, as well as effect of photographic imagery on our culture. No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

ART115‡ E / 3 cr. hrs.**ADOBE® ILLUSTRATOR**

This course is designed to teach students both fundamental and advanced topics in Adobe® Illustrator. The course will begin by teaching students the beginning steps of working with Illustrator in the computer environment. Students will then learn how to create text and gradients, draw and compose an illustration, transform and distort objects, work with layers, patterns, brushes, filters, and transparency. Concentrates on drawing with symbols, creating graphs, using the gradient mesh tool, and creating 3D objects. Students will learn how to prepare graphics for the Web, pre-press and printing. No prerequisite.

ART116‡ E / 3 cr. hrs.**ADOBE® PHOTOSHOP**

An overview of hardware components used to produce images including film and flatbed scanners, computers, monitors, printers, recording media and storage devices. An introduction of the basic tools used for image manipulation in Adobe® PhotoShop including filters, layers, image modification, selections, composites, and text are stressed. The importance of image quality is addressed and their relationship to file size management, proofing and printing. (1 hr. lecture, 3 hrs. studio) No prerequisite.

ART120‡ E / 2 cr. hrs.**COLOR THEORY AND ELECTRONIC APPLICATION**

Electronic foundation course in color theory designed to explore additive color theory and color mixing with light in electronic environment. Theories of color harmony, contrast and esthetic use of color are studied. Assignments stress mastery of color in design and problems of reproduction of an image on and off computer screen. (1 hr. lecture, 4 hrs. studio each week) (*Offered spring semester only.*) Prerequisite: ART130; corequisite: ART115.

ART121‡ A-E / 3 cr. hrs.**INTRODUCTION TO ELECTRONIC PAGE DESIGN**

Introduces students to Macintosh computer and desktop publishing software. Elements of electronic page design to be covered are type specification, typesetting, page layout, creation and digitizing of illustrations, and final printing. Students work with a Macintosh computer, laser printer and a scanner. (1 hr. lecture, 4 hrs. studio each week) No prerequisite.

ART122‡ A-E / 3 cr. hrs.**ELECTRONIC ILLUSTRATION**

Enables students to create and modify illustrations and scanned images. Students use Macintosh computer as electronic drawing tool with image enhancement techniques and technologies to create studies and illustrations. (1 hr. lecture, 4 hrs. studio each week) No prerequisite.

ART123‡ G / 3 cr. hrs.**INTRODUCTION TO COMMERCIAL ART**

Familiarizes students with several areas of commercial design and techniques used in those fields. Advertising design, fashion illustration, interior design and textile/surface design are explored. Students are made aware of the possibilities of expanding their art into a commercial field. Advice given about the student's continuing education and the preparation of a portfolio. (4 studio hrs. each week.) No prerequisite.

ART124‡ E / 3 cr. hrs.**COLOR**

Examines dimension of color in art from an historical perspective. Traces evolution of color theory and practice from early Renaissance to the present. Includes lectures with slide presentations and demonstrations directed toward obtaining consistent and controlled color effects. Also involves hands-on work with acrylic paints. Areas of study include theories of color harmony and contrast, color mixing and composition. (4 studio hrs. each week.) Prerequisite: ART130.

Note: Fulfills SUNY General Education Requirement for The Arts.

ART125‡ E / 3 cr. hrs.**3D MODELING AND DESIGN**

Electronic foundation course in three-dimensional design emphasizing fundamental esthetic principles of design and construction of three-dimensional models on computers using Maya software. Covers basic concepts in model building. (5 studio hrs. each week.) (*Offered fall semester only.*) Prerequisite: ART130 and GRD102.

ART126‡ E-G / 3 cr. hrs.**INTRODUCTION TO COMPUTER ART**

Explores computer as tool for generating two-dimensional graphic images. Includes overview of hardware components used to produce images including scanners, computers, monitors, printers and storage devices and their relationship to image quality. Examines and explores basic software operations in relationship to the art-making process, primarily using Adobe® Photoshop and Illustrator. Provides framework in which to make comparisons between traditional and digital methods in commercial and fine art. (1 hr. lecture, 4 hrs. studio each week) Prerequisite: Recommended prerequisite or corequisite: ART130.

ART127‡ G / 3 cr. hrs.**COMPUTER ART II**

Building upon ART126 students use computer as artmaking tool to generate freehand images and manipulate scanned images using sophisticated digital imaging systems such as Adobe® Photoshop and Illustrator. Explores color theory, design and composition as artistic problems that can be solved using the computer. Students investigate how best to input and output their images producing professional quality results for both hard copy and digital environments. (1 hr. lecture, 4 hrs. studio each week) Prerequisite: ART126.

ART128‡ A / 3 cr. hrs.**ANIMATION ON THE MACINTOSH COMPUTER**

Teaches fundamentals of computer-generated animation. Macintosh computer platform used to create real-time animation for presentation, computer video production and other computer applications. Design and creative animation projects are created first in storyboard format and applied to animation computer software packages. (1 hr. lecture, 4 hrs. studio) No prerequisite.

ART130‡ A-E-G / 3 cr. hrs.**2D DESIGN**

Foundation course in two-dimensional design. Exploration of historical and contemporary concepts of space and pictorial composition. Studio problems employing elements of line, texture, shape, form and color. A basic course for painting, graphics, photography and commercial art. (1 hr. lecture, 4 studio hrs. each week.) No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

ART133‡ A-E-G / 3 cr. hrs.**DRAWING I**

Introduction to fundamentals of drawing. Drawing of objects to develop student's understanding of proportion, value, perspective, form and shape. Develops accurate observation, understanding and memory of key forms, properties of illumination, and effective use of drawing materials. (1 hr. lecture, 4 studio hrs. each week.) No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

ART134‡ A-E-G / 3 cr. hrs.**DRAWING II**

More detailed investigation of concepts explored in ART133: Drawing I. Investigation of various wet and dry drawing media. (1 hr. lecture, 4 studio hrs. each week.) Prerequisite: ART133.

Art

ART135‡ A-E-G / 3 cr. hrs.

LIFE DRAWING I

Centers on mechanics of graphically representing the figure and on principles of anatomy relevant to pictorial and sculptural composition. Attention to use of materials on individual basis. A foundation for both fine and commercial art. (1 hr. lecture, 4 studio hrs. each week.) Prerequisite: ART133.

Note: Fulfills SUNY General Education Requirement for The Arts.

ART136‡ A-E-G / 3 cr. hrs.

LIFE DRAWING II

Centers on mechanics of graphically representing the figure and on principles of anatomy relevant to pictorial and sculptural composition. Attention to use of materials on individual basis. A foundation for both fine and commercial art. (1 hr. lecture, 4 studio hrs. each week.) Prerequisite: ART135.

ART140‡ E-G / 3 cr. hrs.

INTRODUCTION TO DIGITAL PHOTOGRAPHY

Introduces basic camera skills including exposure control, composition, depth of field, and movement control while photographing in available light. Students will also learn basic imaging processing skills using a digital darkroom consisting of computer, software and inkjet printers. Image processing skills will include density and contrast control, color balance, dodging, burning, file size management, basic retouching and printing. Archival storage of digital images will be explored. Students must provide their own fully adjustable digital camera having a resolution of 6-megapixels or greater and some other supplies. (2 hr. lecture, 2 hrs. lab.) No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

ART141‡ G / 3 cr. hrs.

BLACK AND WHITE PHOTOGRAPHY AND DARK ROOM TECHNIQUES

Introduction to art and techniques of the camera and darkroom. Students learn basic black and white available-light photography, including film exposure and development, variable contrast printing, enlarging and dry mounting. Students must provide their own fully adjustable 35mm camera with manual f-stops and shutter speeds, film, paper and some other supplies. (4 hrs. lecture/lab per week) No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

ART144 E-G / 1.5 cr. hrs.

PHOTOGRAPHY SEMINAR

Introduction to career exploration and study skills needed to succeed in the field of professional photography. Connects learning skills with those skills needed for a career as a professional photographer. Fulfills Freshman Seminar requirement for students in Photographic Imaging curriculum. No prerequisite.

ART145‡ E-G / 3 cr. hrs.

DIGITAL PHOTOGRAPHY I

Students learn basic digital camera skills beginning with exposure control, including bracketing, reciprocity, exposure modes, and the use of the histogram. The creative techniques of depth of field and movement control are explored as well as techniques for low light and night photography. Image processing skills are introduced using Adobe® PhotoShop, including basic digital workflow management, density and contrast control, basic black and white conversion, dodging, burning, cropping, and retouching. Print presentation and archival storage methods of prints and digital media will be explored. (2hrs. lecture, 3 hrs. lab.) No prerequisite.

Note: Students are required to have a fully-adjustable digital camera with a resolution of 4-megapixels or greater. Photographic Imaging majors are required to have a DSLR camera with a resolution of 6-megapixels or greater, memory cards, portable hard drive, photo quality ink jet paper and some other supplies.

ART146‡ E-G / 3 cr. hrs.

DIGITAL PHOTOGRAPHY II

Builds on the fundamental photography and image processing skills introduced in Digital Photography I. Color photography is studied in-depth, including photographic color theory, color management during image processing, color printing corrections and techniques. Advanced camera and image processing techniques are introduced, including lens filtration, close-up photography, digital workflow management, layers, levels, channels, histograms, text, restoration, advance gray scale tonal control, and image size management. Through creative visual assignments, students will be encouraged to develop their own individual photographic styles. Print finishing, including window matting and archival storage of print and digital media, will be explored. (2hrs. lecture, 3hrs. lab.) Prerequisite: ART145; corequisite: ART149.

Note: Students are required to have a DSLR camera with a resolution of 6-megapixels or greater, memory cards, portable hard drive, photo quality ink jet paper and some other supplies.

ART147 E-G / 3 cr. hrs.

DIGITAL MATERIALS AND PROCESSES

The basic study of digital imaging technology. The topics covered are image formation and evaluation, photosensitive sensors, exposure technology, tone reproduction, visual perception, physics of light, camera lenses, computer technology, image processing, software applications, scanners and printer technologies. No prerequisite.

ART149‡ E-G / 3 cr. hrs.**PHOTOGRAPHIC LIGHTING**

This course makes use of visual exercises to teach students how to evaluate, control, and manipulate light. Situations include natural light conditions, using a portable flash, and an introduction to studio lighting using both tungsten and electronic studio flash equipment. Light theory will be explored in-depth to connect all of the above lighting situations together so the student will be able to professionally handle any lighting situation. (2 hrs. lecture, 3 hrs. lab.) Prerequisite: ART145; corequisite: ART146.

Note: Students are required to have a DSLR camera with a resolution of 6-megapixels or greater, memory cards, portable hard drive, photo quality ink jet paper and some other supplies.

ART161‡ A-G / 3 cr. hrs.**CERAMICS I**

Introduction to processes and materials of ceramics through exploration of functional and non-functional forms in clay. Students investigate nature of clay by creating forms with several handbuilding methods such as coilbuilding, slabbuilding and pinch pots, as well as introduction to potter's wheel. Basic decorating, glazing and firing techniques explored. (1 hr. lecture, 4 hrs. studio each week) No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

ART162-ART164 A / 3 cr. hrs.**ADVANCED CERAMICS**

Continued investigation of materials and processes of ceramics on a more technical level. Intensive study of skills learned in ART161. Students explore basics of glaze and clay body formulation and develop their skill on the potter's wheel. (1 hour. lecture, 4 studio hrs. each week.) Prerequisite: ART161.

ART165‡ A-G / 3 cr. hrs.**WHEEL-THROWN CERAMICS**

Examines use of potter's wheel in ceramic arts. Teaches students fundamental skills necessary to create wheel-thrown objects in clay. Students explore pottery wheel's functions and care in order to utilize its many creative possibilities. Off-wheel techniques such as texture modalities, different glazing techniques and kiln firing skills also explored. (1 hr. lecture, 4 hrs. studio each week) No prerequisite.

ART171‡ / A-G / 3 cr. hrs.**SCULPTURE I**

Introduction to fundamentals of sculpture emphasizing the figure. Various problems in form are explored. Emphasis on modeling techniques in clay and other materials. (1 hr. lecture, 4 hrs. studio each week) No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

ART172-ART174‡ A-G / 3 cr. hrs.**ADVANCED SCULPTURE**

Continued investigation of skills and concepts learned in ART171. Students encouraged to develop their own direction in their work. (1 hr. lecture, 4 hrs. studio each week.) Prerequisite: ART171.

ART181‡ A / 3 cr. hrs.**PRINTMAKING I**

Basic printmaking techniques in a variety of graphic media. Introduction to intaglio processes such as etching, aquatint, dry point and wood cut. (1 hr. lecture, 4 hrs. studio each week) No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

ART182‡ A / 3 cr. hrs.**PRINTMAKING II**

Continued investigation of materials and processes of intaglio such as engraving, softground, sugar lift and color printing. Refining of basic skills and exploration of the media. (1 hr. lecture, 4 hrs. studio) Prerequisite: ART181.

ART202‡ A-E-G / 3 cr. hrs.**PAINTING I**

Introduction to painting techniques in oil and other media. Explores perception of light, shadow and color and the rendering of these elements. (1 hr. lecture, 4 hrs. studio) Prerequisite: ART133 or permission of instructor.

Note: Fulfills SUNY General Education Requirement for The Arts.

ART203-ART205‡ A-E-G / 3 cr. hrs.**ADVANCED PAINTING**

Continued exploration of problems and skills explored in ART202, with an emphasis on developing independent work. (1 hr. lecture, 4 hrs. studio) Prerequisite: ART202.

ART209‡ A-E-G / 3 cr. hrs.**WATERCOLOR**

Instruction in various techniques of watercolor painting, with reference to European and American traditions. (1 hr. lecture, 4 hrs. studio) No prerequisite.

Note: It is recommended that students take ART133 prior to enrolling in ART209. Fulfills SUNY General Education Requirement for The Arts.

ART210‡ A-E-G / 3 cr. hrs.**3D DESIGN**

Foundation course in three-dimensional design. Exploratory problems that help develop understanding of and sensitivity to use of three-dimensional design fundamentals. Analysis of concepts as a basis for sculpture, ceramics, architecture and industrial design. (1 hr. lecture, 4 studio hrs. each week.) No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

Art

ART214‡ / VA93‡ G / 3 cr. hrs. ALTERNATIVE PHOTOGRAPHIC PROCESSES

The focus of the class is on historical and nontraditional photographic processes such as pinhole photography, Polaroid emulsion and image transfer, print toning, hand coloring, liquid light, litho enlargement negatives, cyanotype, and van dyke brown printing. Both paper and alternative printing surfaces are explored. Students must supply their own film, paper and some other supplies. (2 hrs. lecture, 3 hrs. lab.) Prerequisite: ART141 or ART146 or permission of instructor.

ART221‡ E / 3 cr. hrs. DIGITAL CHARACTER DEVELOPMENT

Examines history and use of authoring tools in multimedia production. Covers use of authoring tools in basic programming techniques, animation control, modeling, texturing and design principles using computer software such as Adobe® Flash. Emphasizes character animation involving looping, character interacting, timing, color, and sound. (6 studio hrs. each week.) (Offered fall semester only.) Prerequisite: ART115, ART120 and ART133.

ART222‡ E / 3 cr. hrs. COMPUTER GAME DEVELOPMENT

Emphasizes practical aspects of 2D game design such as interface, documentation and characters. Based on knowledge acquired in ART221, students plan electronic productions with emphasis on pre-production, production and post-production techniques. Explores animation using computer software such as Adobe® Flash. (6 studio hrs. each week.) (Offered spring semester only.) Prerequisite: ART221 or permission of department.

ART223‡ E / 3 cr. hrs. INTERMEDIATE 3D MODELING AND DESIGN

Based on knowledge acquired in ART125, students learn to combine and assemble images, type, 3D models, and illustrations into complex animation sequences. Addresses concepts such as frame-by-frame versus real-time recording. (5 studio hrs. each week.) (Offered spring semester only.) Prerequisite: ART125 or permission of department.

ART229‡ E / 1 cr. hrs. COMPUTER ART PORTFOLIO ASSESSMENT

As part of continual process as an artist, students are guided through preparation of a portfolio which is presented and assessed as a graduation requirement. (Offered spring semester only.) Prerequisite: ART221 and ART125; corequisites: ART222 and ART223.

ART244‡ E-G / 3 cr. hrs. WEB DESIGN FOR PHOTOGRAPHERS AND VISUAL ARTISTS

Introduces the concepts of website design and development for photographers and artists, with a focus on research, self-expression, and self-promotion using image and Web software. Demonstrates principles of design integrity through mastery of animation and static techniques. Software is used to create portfolio presentation websites, including biographical details, professional portfolio images, and other information. Prerequisite: ART130 and either ART116, ART122, ART126 or ART145.

ART245‡ E-G / 3 cr. hrs. DIGITAL PHOTOGRAPHY III

This course builds on the photographic techniques introduced in ART146 and ART149. Standardized lighting techniques will be covered, including glamour, triangle (short and broad), side, rim, and Avedon. Low- and high- key photographic situations will be explored in relationship to exposure control used for creative situations. Posing skills along with studio etiquette will be discussed. Also, there will be an in-depth exploration of medium format digital photography, including lens selection and proprietary image processing software. Advanced imaging processing skills will be taught, as well as advanced digital work-flow management, retouching methods for portraiture, and color work-flow/advanced printing techniques for portraiture/people photography. (2 hrs. lecture, 3 hrs. lab.) Prerequisite: ART146 and ART149.

Note: Students are required to have a DSLR camera with a resolution of 6-megapixels or greater, memory cards, portable hard drive, photo quality ink jet paper and some other supplies.

ART246‡ E-G / 3 cr. hrs. DIGITAL PHOTOGRAPHY IV

This course builds on skills acquired in ART245 with an emphasis on still-life photography as a medium for creative expression and visual experimentation. The tools and techniques particular to the still-life photographer are demonstrated, including lighting techniques, perspective, camera angle, surface-propping, set-rigging, multiple exposure, and other esoteric techniques. Digital view camera techniques are explored, including focal plane, shape, and depth of field control. Advanced image-processing techniques, such as digital work-flow management, distortion and perspective correction/control, retouching techniques, advanced image compositing and stitching techniques will be presented. Assignments will relate to problems that are part of a working studio's daily operations. Overlapping relationships among fine art, editorial, and commercial still-life photography will be investigated. (2 hrs. lecture, 3 hrs. lab.) Prerequisite: ART245.

Note: Students are required to have a DSLR camera with a resolution of 6-megapixels or greater, memory cards, portable hard drive, photo quality ink jet paper and some other supplies

ART247 **E-G / 3 cr. hrs.**
**PROFESSIONAL PRACTICES FOR THE
 PHOTOGRAPHER**

This course will cover business issues likely to be encountered, whether working freelance, in a small studio, or as a photographer's assistant. Job search strategies will be demonstrated: cover letter and resume preparation, self-promotion, memberships in professional organizations. Calculating creative fees, invoicing, client negotiations, copyright and other legal aspects of the business will be discussed. Prerequisite: ART244 and ART245.

ART251‡ **E-G / 3 cr. hrs.**
ON-LOCATION PEOPLE ILLUSTRATION

This introductory course in on-location people illustration will focus on the development of the photographic and social skills of the photographer. Students will learn to orchestrate tangible and emotional on-location environments. Lighting and camera techniques, as well as the selection and direction of models, will be demonstrated. Course assignments will explore wedding, fashion, advertising, editorial, and corporate portraiture. (2 hrs. lecture, 3 hrs. lab) Prerequisite: ART146 and ART149.

Note: Students are required to have a DSLR camera with a resolution of 6-megapixels or greater, memory cards, portable hard drive, photo quality ink jet paper and some other supplies.

ART252‡ **E-G / 3 cr. hrs.**
**PHOTOJOURNALISM/EDITORIAL
 PHOTOGRAPHY**

This introductory course will explore the use of the photographic image in narrative, documentary and editorial form for newspapers and magazines. Students will be required to photograph on a weekly basis according to industry standards. Assignments will include spot news, general news, features, sports, editorial portraits, fashion, travel, lifestyles, and photo essays. Development of story ideas, strategies of research, and techniques of picture editing will be studied. Students will write captions and essays for all photojournalism assignments and will be required to place their images into pre-designed layouts. The legal and ethical issues of photojournalism will be explored, along with visual on-location problem-solving skills. (2 hrs. lecture, 3 hrs. lab.) Prerequisite: ART146 and ART149.

Note: Students are required to have a DSLR camera with a resolution of 6-megapixels or greater, memory cards, portable hard drive, photo quality ink jet paper and some other supplies.

ART255‡ **G / 3 cr. hrs.**
**THE BLACK AND WHITE SILVER
 DARKROOM**

Introduction to the techniques used in a black and white darkroom with an emphasis on printing fine art black and white prints. Students learn film processing techniques, including pushing and pulling of films, contact and enlargement printing, archival processing methods, variable contrast control, multiple filter printing, dodging, burning, toning, dust spotting, and dry mounting/window matting of prints. (2 hrs. lecture, 3 hrs. lab.) Prerequisite: ART141 or ART146.

Note: Students must provide their own 35mm film camera with adjustable f-stops and shutter speeds, film, paper and some other supplies.

ART257‡ **E-G / 3 cr. hrs.**
**SPECIAL PROJECTS IN DIGITAL
 PHOTOGRAPHY**

The student will work on an individual photographic project as arranged by the student and instructor. Prerequisite: ART146 and ART149.

ART259‡ **E-G / 3 cr. hrs.**
**EXPERIMENTAL DIGITAL PHOTOGRAPHY
 TECHNIQUES**

This course is a systematic exploration of alternative digital photographic processes to paint- and stream- in lighting and shading effects to the image. Current techniques will be explored. (2 hrs. lecture, 3 hrs. lab.) Prerequisite: ART146 and ART149.

ART289 **A-E-G / 1 cr. hrs.**
**PORTFOLIO DEVELOPMENT AND
 ASSESSMENT**

Capstone course in Visual Arts curriculum where students learn how to assemble their work into a professional portfolio. Covers preparation of slides, business and postcards, mounting and matting of artwork, and presentation techniques. Critiques are integral part of course. Culmination of course is presentation of student's portfolio to panel of professors from Visual Arts program. Course restricted to Visual Arts majors in third semester. Prerequisite: Enrollment in Visual Arts curriculum and ART134 or permission of Academic Chair.

ART295 **A-E-G / 3-4 cr. hrs.**
**SPECIAL TOPICS IN COMPUTER ART/
 VISUAL ARTS**

Special and current topics in Computer Art/Visual Arts may be available. See the online catalog for a complete listing.

ART299‡ E-G / 1 cr. hrs.

PHOTOGRAPHY PORTFOLIO DEVELOPMENT AND ASSESSMENT

Capstone course for Photographic Imaging majors; must be taken in last semester before graduation. Students assemble their work into a professional portfolio. Mounting, matting and presentational techniques are covered. Critiques are integral part of the course. (*Offered spring semester only.*) Prerequisite: ART244 and ART245; corequisite: ART247 or permission of instructor.

ASTRONOMY

AST101‡ A-E-G / 4 cr. hrs.

ASTRONOMY OF THE SOLAR SYSTEM

Introduction to fundamental aspects of planetary science. Topics include historical development of astronomy; basic concepts of celestial coordinates and motions; properties and individual characteristics of planets and their moons, asteroids, comets and meteoroids; and origin and evolution of solar system. Students also learn to identify celestial objects, (constellations, prominent stars, planets, etc.), utilizing planetarium, telescopes and unaided eye. Occasional evening observations required. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

AST102‡ A-E-G / 4 cr. hrs.

ASTRONOMY OF STARS AND GALAXIES

Introduction to fundamental aspects of universe beyond our solar system. Topics include properties of electromagnetic radiation and its relation to study of celestial objects; structure, classification and evolution of stars, nebulae, star clusters, galaxies, and material between stars. Age, origin and evolution of universe studied in terms of modern cosmology. Occasional evening observations required. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or permission of instructor.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

AST103‡ A-E / 4 cr. hrs.

SEARCH FOR LIFE IN THE UNIVERSE

This course explores the question of whether or not life exists elsewhere in the Universe. An interdisciplinary approach will be taken using concepts from astronomy, physics, chemistry, and biology to explore the likelihood of life developing beyond Earth. In addition the course will focus on recent / current developments concerning space expeditions designed to seek out possible forms of life on other worlds in our solar system. Sociological and philosophical viewpoints on the topic of life forming in other parts of the Universe will be discussed. Students will be expected to perform elementary mathematics, think critically, acquire and interpret data, present original thoughts / opinions in both oral and written form. The scientific method will be the cornerstone of the course's endeavors to demonstrate how to use scientifically established facts as the basis for the search for life beyond Earth. (3 hr. lecture, 2 hr. lab). Prerequisite: MAT007.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

AST201‡ A-E-G / 4 cr. hrs.

OBSERVATIONAL ASTRONOMY

One-semester course devoted to systematic observations of the sun, moon, transits, eclipses, occultations and meteor showers. Various telescopes are used for this study and for further study of planets, deep sky objects, binary stars, variable stars and asteroids. To best complete the course work, irregular hours of observations, planetarium sessions and field trips are required. (2 hrs. lecture, 1 hr. recitation, 2 hrs. laboratory.) Prerequisite: AST101 or AST102.

AST202 A / 4 cr. hrs.

EINSTEIN'S UNIVERSE--HIGH-ENERGY ASTRONOMY

This course seeks to introduce the student to those topics that students are traditionally fascinated with, but are only briefly mentioned in AST102--Astronomy of Stars and Galaxies, such as Einstein's Theories of Relativity, the possibility and limits of time travel, exotic star death, the origin and nature of black holes and where they reside, the origins and possible scenarios for the death of the universe and the speculative evidence for the existence of the multiverse, and show how these ideas have come about from the work of Albert Einstein. Prerequisite: MAT007

AST295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN ASTRONOMY

Special and current topics in Astronomy may be available. See the online catalog for a complete listing.

AST296 A-E-G / 3-4 cr. hrs.
**HONORS SPECIAL TOPICS IN
 ASTRONOMY**

Honors special topics courses in Astronomy may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

AUTOMOTIVE SERVICE SPECIALIST

AUT112‡ A / 3 cr. hrs.
INTEGRATED AUTOMOTIVE SYSTEMS

Overview of basic operating systems in modern motor vehicle. Inter-dependence among systems and implications for troubleshooting and diagnosis explored. Safety and pollution prevention are highly stressed, along with the proper use of shop tools and machinery. Laboratory work provides introduction to each of major automotive systems. (30 hrs. lecture; 30 hrs. laboratory.) No prerequisite.

AUT114‡ A / 3 cr. hrs.
STARTING AND CHARGING SYSTEMS

Electrical and mechanical components of starting and charging systems used on vehicles. Theory, operation, diagnosis and repair procedures covered. (30 hrs. lecture; 30 hrs. laboratory.) No prerequisite.

AUT115‡ A / 3 cr. hrs.
SPECIALIZED ELECTRONICS

Basic concepts of electricity and electronics which must be understood as preliminary to study of automotive electrical and electronic systems. Topics include current, voltage, resistance, series and parallel circuits, magnetism, inductance, capacitance, D.C. current and digital electronics. Laboratory provides opportunity to study circuits and components both theoretically and as found in actual automotive components. (30 hrs. lecture; 30 hrs. laboratory.) No prerequisite.

AUT118‡ A / 3 cr. hrs.
**COMPUTER SYSTEMS AND FUEL
 DELIVERY**

Theory and operation of onboard computer systems employed on vehicles. Topics include introduction to Engine Control Module computer operation, input sensor operation, and actuator output operation. Computer diagnostics and scan tool interface covered in detail. (30 hrs. lecture; 30 hrs. laboratory.) No prerequisite.

AUT120 A / 1 cr. hrs.
PRACTICUM I

The four units of work experience in the repair shop are designed to give students the opportunity to see and participate in all aspects of repair facility operation. Hands-on experience in a repair facility enables students to utilize and refine skills and knowledge gained in classroom and laboratory. As much as possible, work assignments at dealership are coordinated with subjects covered in classroom. Registration in each of these courses requires that students purchase liability insurance through the college. Students must be legally employed in the automotive industry. Each student must complete the total number of required hours over four practicum units based on manufacturer requirements. No prerequisite.

AUT222‡ A / 3 cr. hrs.
**AUTOMOTIVE HEATING AND AIR
 CONDITIONING**

Theory and operation of auto heating and air conditioning systems. Training focuses on diagnosing and repairing systems and control equipment. (30 hrs. lecture; 30 hrs. laboratory.) Prerequisite: AUT115.

AUT224‡ A / 3 cr. hrs.
**ELECTRONIC DEVICES AND
 PROCESSORS**

Electrical and electronic control devices currently used in automotive field. Emphasis on diagnosis and servicing of components used on vehicles. Instruction on test equipment and proper diagnostic procedures. Reading electrical wiring schematics and electronic service information are stressed. (30 hrs. lecture; 30 hrs. laboratory.) Prerequisite: AUT115.

AUT226‡ A / 3 cr. hrs.
**FUEL INJECTION AND ENGINE EMISSION
 SYSTEMS**

Combustion by-products contained in gasoline engine exhaust: carbon monoxide, oxides of nitrogen, unburned hydrocarbons, oxygen. Focus on systems used in vehicles to control these emissions. Students learn procedures and accurate specifications necessary to achieve desired vehicle emissions, including driveability diagnosis. Environmental rules and regulations and their impact on automotive repair industry discussed. (30 hrs. lecture; 30 hrs. laboratory.) Prerequisite: AUT115 and AUT118.

AUT230 **A / 1 cr. hrs.**
PRACTICUM II

The four units of work experience in the repair shop are designed to give students the opportunity to see and participate in all aspects of repair facility operation. Hands-on experience in a repair facility enables students to utilize and refine skills and knowledge gained in classroom and laboratory. As much as possible, work assignments at dealership are coordinated with subjects covered in classroom. Registration in each of these courses requires that students purchase liability insurance through the college. Students must be legally employed in the automotive industry. Each student must complete the total number of required hours over four practicum units based on manufacturer requirements. No prerequisite.

AUT232‡ **A / 3 cr. hrs.**
**ALIGNMENT, STEERING AND
 SUSPENSION SYSTEMS**

Theory, diagnosis and repair procedures of ABS brake systems, 4 wheel computerized alignments, suspension theory, and steering system diagnosis on current vehicles. Instruction includes brake hydraulics, electronic control, and suspension and steering parts replacement. (30 hrs. lecture; 30 hrs. laboratory.) Prerequisite: AUT115

AUT234‡ **A / 3 cr. hrs.**
ENGINE THEORY AND OVERHAUL

Begins with principles of internal combustion engine. Components and functions of gasoline engine studied. Engines are properly disassembled, parts identified, inspected, measured and reassembled. Engine break-in and proper testing demonstrated. Emphasis on troubleshooting, diagnosis and proper service procedures. (30 hrs. lecture; 30 hrs. laboratory.) Prerequisite: AUT115 and AUT118.

AUT236‡ **A / 3 cr. hrs.**
**AUTOMOTIVE SERVICE PRODUCTIVITY
 AND EFFICIENCY**

Different theories related to running productive service department. Students study ways to improve productivity which increase their performance, evaluation of specialized tools vs. their cost, costs of purchasing tools on time, evaluation of repair procedures for safety, and time saving steps. Students conduct time study as part of course. (45 hrs. lecture.) Prerequisite: AUT230.

AUT238‡ **A / 3 cr. hrs.**
**BODY COMPUTERS AND ADVANCED
 SYSTEMS DIAGNOSIS**

Use of sophisticated diagnostic equipment. Equipment covered includes computerized engine analyzers, vehicle computer interfaces, emission testers, scopes, digital meters and timing devices. (30 hrs. lecture, 30 hrs. laboratory.) Prerequisite: AUT118

AUT240 **A / 1 cr. hrs.**
PRACTICUM III

The four units of work experience in the repair shop are designed to give students opportunity to see and participate in all aspects of repair facility operation. Hands-on experience in busy repair shop enables students to utilize and refine skills and knowledge gained in classroom and laboratory. As much as possible, work assignments at dealership are coordinated with subjects covered in classroom. Registration in each of these courses requires that students purchase liability insurance through the college. Students work 35 or 40-hour week standard in industry. Each student must complete total of 1024 hours over the four practicum units. No prerequisite.

AUT242‡ **A / 3 cr. hrs.**
TRANSMISSION AND DRIVE SYSTEMS

Theory and operation of manual and automatic transmissions and transaxles. Both rear-wheel and front-wheel drive systems covered. Diagnosis and servicing of components stressed. (30 hrs. lecture; 30 hrs. laboratory.) No prerequisite.

AUT246 **A / 3 cr. hrs.**
**AUTOMOTIVE DEALERSHIP STRUCTURE
 AND FUNCTIONS**

Various aspects of service management as typically found in automotive dealership. Topics include theory of service supremacy or other divisional equivalent, federal and state regulation, insurance, purchasing procedures, facility planning, lease and purchase agreements, customer relations, labor relations, and consumer group organizations. (45 hrs. lecture.) No prerequisite.

AUT250 **A / 1 cr. hrs.**
PRACTICUM IV

The four units of work experience in the repair shop are designed to give students the opportunity to see and participate in all aspects of repair facility operation. Hands-on experience in a repair facility enables students to utilize and refine skills and knowledge gained in classroom and laboratory. As much as possible, work assignments at dealership are coordinated with subjects covered in classroom. Registration in each of these courses requires that students purchase liability insurance through the college. Students must be legally employed in the automotive industry. Each student must complete the total number of required hours over four practicum units based on manufacturer requirements. No prerequisite.

AUT295 **A-E-G / 3-4 cr. hrs.**
**SPECIAL TOPICS IN AUTOMOTIVE
 SERVICE SPECIALIST**

Special and current topics in Automotive Service Specialist may be available. See the online schedule for a complete listing.

BIOLOGY

BIO100-129: Courses specifically designed for non-science majors. No science prerequisite.

BIO130-149: Introductory level courses primarily for health career students.

BIO150-159: Introductory courses for science majors.

BIO200-229: Intermediate courses primarily for non-science majors. All have prerequisites.

BIO230-250: Second level courses primarily for health career students.

BIO260-269: Courses for both science and non-science majors. All have prerequisites.

BIO270-280: Open only to science majors who have completed the introductory science courses.

BIO295-296: Special Topics and Honors Special Topics Courses.

See "Marine Science" for related courses.

BIO101‡ A-E-G / 4 cr. hrs.**PRINCIPLES OF BIOLOGY**

A one-semester survey course for non-biology majors. Key concepts include biological chemistry, cell structure and function, organization of multicellular organisms, genetics, evolution and ecology. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent.

Note: Course specifically designed for non-science majors. Fulfills SUNY General Education Requirement for Natural Sciences.

BIO103‡ A-G / 4 cr. hrs.**HUMAN ECOLOGY**

The course explores the dynamic balance within the ecosphere. The flow of energy and mineral resources is examined in natural and human systems, and human impacts on this natural balance and flow of resources are studied. Social causes and solutions to ecological insults are also investigated. The laboratory examines, either through experiments or field study, characteristics of different ecosystems, stresses and impacts on different ecosystems, and current human actions to solve or prevent ecological problems. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MAT007 or equivalent.

Note: Courses specifically designed for non-science majors. Fulfills SUNY General Education Requirement for Natural Sciences.

BIO105‡ E / 4 cr. hrs.**SURVEY OF THE HUMAN BODY**

Survey of biological chemistry, cell structure and function, tissues and organ systems of the human body, and genetics.. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent.

Note: Course specifically designed for non-science majors. Fulfills SUNY General Education Requirement for Natural Sciences.

BIO109‡ A / 4 cr. hrs.**PLANTS AND PEOPLE**

Through lectures, labs and field trips, plants are studied from three different points of view: historical, biological and ecological. From a historical point of view, the course emphasizes the role of plants in human development and their importance in history and discovery, investigating how plants are used by humanity in nutrition, housing, medicine and cultural practices. From the biological point of view, the course includes basic plant biology: plant structure and function, including cell morphology, plant anatomy and elementary plant physiology. Main groups of plants are studied with emphasis on flowering plants. Emphasizes hands-on learning. (3 hrs. lecture, 3 hrs. laboratory.) Offered summer semester only. Prerequisite: MAT007 or equivalent.

Note: Course specifically designed for non-science majors. Fulfills SUNY General Education Requirement for Natural Sciences.

BIO111‡ A-E / 4 cr. hrs.**BOTANY**

A study of the principles of structure and function of plants. Plant cells, tissues, roots, stems, leaves and flowers are discussed in detail. Plant classification, ecology, growth and development, photosynthesis, respiration, genetics and reproduction are among topics covered. Emphasis on flowering plants, although other groups are treated in their evolutionary context. Activities in the campus greenhouse are an integral part of the course. (3 hrs. lab, 3 hrs. lecture.) Prerequisite: MAT007 or equivalent.

Note: Course specifically designed for non-science majors. Fulfills SUNY General Education Requirement for Natural Sciences.

BIO130‡ A-E-G / 4 cr. hrs.**ANATOMY AND PHYSIOLOGY I**

Basic principles of the structure and function of the human body are discussed in depth for each of the organ systems. Physiology is presented from both a biochemical and organismal point of view. Basic chemistry, physics and mathematics are introduced where useful and necessary for understanding these biological phenomena. Special attention given to the application of these principles and concepts to health-related areas. First semester of a two-semester sequence. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MAT007 and high school chemistry or CHE100 or equivalent. Recommended: high school biology, BIO101 or BIO105.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

BIO132‡ A-E-G / 4 cr. hrs.**ANATOMY AND PHYSIOLOGY II**

Basic principles of the structure and function of the human body are discussed in depth for each of the organ systems. Physiology is presented from both a biochemical and organismal point of view. The endocrine, digestive, respiratory, urinary, immune, cardiovascular, and reproductive systems will be emphasized. Basic chemistry, physics and mathematics are introduced where useful and necessary for understanding these biological phenomena. Special attention given to the application of these principles and concepts to health-related areas. Second semester of a two-semester sequence. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BIO130.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

BIO138‡ G / 4 cr. hrs.**FUNDAMENTALS OF HUMAN STRUCTURE AND FUNCTION**

The human body as a wholly integrated, self-regulating model of functional anatomy. Introduces human structure at the cellular level and progresses to tissues, organs and organ systems. Common pathologic conditions are contrasted with normal form and function. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: BIO101.

Note: Restricted to students in Health Information Technology curriculum.

BIO141‡ G / 3 cr. hrs.**ZOOLOGY**

An evolutionary approach to a survey of animal kingdom. Topics include the origin of life, cell structure and molecular biology. It also involves taxonomic study of structure and function of representatives of the major phyla as well as their ecology and life history. The vertebrate is covered in detail. Laboratory exercises parallel many of the lecture topics with emphasis on vertebrate dissection. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent, high school biology and chemistry with laboratory.

Note: Required for students in Veterinary Science Technology curriculum; does not satisfy laboratory science requirement for any curriculum.

BIO142‡ G / 3 cr. hrs.**ANIMAL PARASITOLOGY**

An introduction to principles of basic parasitology with emphasis on identification, classification, life history, and prevention and control of internal and external parasites of economic importance to the animal industry. In the laboratory, students view parasites, learn treatments, and develop routine procedures and techniques necessary to deliver accurate laboratory results in parasite examination. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BIO141 or permission of department.

Note: Required for students in Veterinary Science Technology curriculum; does not satisfy laboratory science requirement for any curriculum.

BIO150‡ A-E-G / 4 cr. hrs.**MODERN BIOLOGY I**

The course is a comprehensive study of the basic processes in living systems at the cellular and molecular levels of organization. Basic chemistry, aspects of cell structure, metabolism, cell energetics, and elements of classical and molecular genetics serve as the foundation for subsequent investigation of living systems. The principles of evolution underlie all discussions in the course. This course is the first semester of a two-semester sequence designed for science majors. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MAT007 or equivalent and high school chemistry or permission of instructor.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

BIO152‡ A-E-G / 4 cr. hrs.**MODERN BIOLOGY II**

This course is a comprehensive study of the basic processes in living systems at the following levels of organization: prokaryotic and eukaryotic organisms, organs and organ systems of multicellular organisms. The course will emphasize contrasts and comparisons of living processes seen across the Domains of life. An emphasis on evolution and ecology will organize the contexts in which biosystematics, morphology and physiology are studied. This course is the second semester of a two-semester sequence designed for science majors. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BIO150.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

BIO210‡ A-E / 4 cr. hrs.**FIELD BIOLOGY AND ECOLOGY**

The course considers the functional aspects of natural communities and ecosystems. The relation of ecology to evolutionary ideas is stressed and the natural population in its community serves as the basic study unit. Examples largely drawn from communities of North America, Long Island in particular. Field trips emphasize identification of local life forms and their role in natural communities. Lab work investigates general ecological principles. (3 hrs. lecture, 3 hrs. laboratory.) (Offered spring semester only.) Prerequisite: BIO101 or BIO150 or MAR105 or ENV128.

Note: Intermediate course for which there is a prerequisite. Fulfills SUNY General Education Requirement for Natural Sciences.

BIO219‡ **A / 4 cr. hrs.**
**BIOTECHNOLOGY IN OUR FAST-
 CHANGING WORLD**

For non-science majors. Introduces students to basic concepts and techniques in biotechnology with applications in forensic science, paternity cases, genetic engineering, bioremediation, medicine and agriculture. Emphasizes development of laboratory skills and includes issues of social interest such as bioethics of genetic cloning, legal uses of DNA technology in criminal cases, discussions on use of engineered organisms for ecological control, gene therapy, disease diagnosis and food production. "Hands-on approach" with strong laboratory content. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: BIO101 or permission of instructor.

Note: Intermediate course for which there is a prerequisite.

BIO244‡ **A-E-G / 4 cr. hrs.**
GENERAL MICROBIOLOGY

An introduction to microbiology through a survey of methods, tools and techniques used in studying main groups of bacteria and other microorganisms and application of this knowledge in physical and chemical control of microorganisms. The relationship of microorganisms to disease is discussed. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisite: BIO132 or VST102 and VST112.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

BIO246‡ **A / 4 cr. hrs.**
**ANATOMY AND PHYSIOLOGY OF
 HUMAN MOVEMENT**

The course is a detailed treatment of structure and function of muscular and skeletal systems and their nervous coordination, including those aspects of respiratory and circulatory systems pertaining to muscular function, cardiovascular physiology and physiology of exercise. Offered fall semester only. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BIO130 and BIO132.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

BIO255 **A / 4 cr. hrs.**
FORENSIC BIOLOGY

This course focuses on the biological aspects of forensic investigation and analyses of biological evidence from various crime scenes. Particular emphasis is given to DNA, serological analyses of body fluids and other biological materials, the role of the environment on body decomposition, the role of anthropology, and the role of entomology and plant materials in crime investigation. This course is designed for both non-science and science majors and includes field trips to the Suffolk County Forensics Laboratory. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisites: BIO101 for non-science majors; BIO130 or BIO150 for science majors.

BIO262‡ **A / 4 cr. hrs.**
GENETICS

The study of classical modes of inheritance and molecular genetics with emphasis on research techniques. Laboratory experiments using living organisms illustrate genetic principles and techniques. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BIO132 or BIO150.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

BIO270‡ **A / 4 cr. hrs.**
EMBRYOLOGY

The study of morphological and biochemical events occurring during development. The development of major organ systems in representative vertebrate species are examined with emphasis on genetic and environmental factors involved in congenital malformations. (2 hrs. lecture, 4 hrs. laboratory.) Prerequisite: BIO152 or BIO132.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

BIO272‡ **A-G / 4 cr. hrs.**
MICROBIOLOGY

An introduction to the study of microorganisms and their environments. Introduces students to microbial physiology, microbial genetics (including recombinant DNA technology), immunology, microbial ecology and evolution. Designed for science majors. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisite: BIO152 or permission of instructor.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

BIO295 **A-E-G / 3-4 cr. hrs.**
SPECIAL TOPICS IN BIOLOGY

Special and current topics in Biology may be available. See the online schedule for a complete listing.

BIO296 **A-E-G / 3-4 cr. hrs.**
HONORS SPECIAL TOPICS IN BIOLOGY

Honors special topics courses in Biology may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online schedule for a complete listing.

ENV115 **E / 3 cr. hrs.**
ENVIRONMENTAL ISSUES

Focuses on cause and effect relationship of pollution and environmental degradation. Emphasis on current environmental issues threatening well-being of earth's ecosystems, resources and populations. Special attention given to Long Island's environmental problems. No prerequisite.

Note: Credit given for ENV115 or ENV128 but not both. Does not fulfill a laboratory science requirement.

ENV128 A / 3 cr. hrs.
CONTEMPORARY ENVIRONMENTAL PROBLEMS

Identifies and examines current environmental problems from viewpoint of environmental, social, political and economic consequences. Solutions are formulated and their impacts examined. No prerequisite.

Note: Credit given for ENV128 or ENV115 but not both. Does not fulfill a laboratory science requirement.

BUSINESS ADMINISTRATION**Business: Law****LAW101** A-E-G / 3 cr. hrs.
INTRODUCTION TO LAW

Introduces an understanding of law through its forms, classifications and sources. Impact of law as influenced by political, social and economic needs; legal rights and their enforcement; federal and state court systems; and functions of administrative agencies. A study of the lawsuit, jurisdiction, pleadings, preparation of forms and role of the paralegal. No prerequisite.

LAW103 A-G / 3 cr. hrs.
INTRODUCTION TO PARALEGAL STUDIES

Introduces roles that paralegals fill in the American legal system. Students examine ethical considerations of a paralegal and fundamental concepts a paralegal needs to understand. Includes materials designed to develop basic legal skills such as interviewing, investigation, research and writing as a foundation for the other courses in the paralegal program. No prerequisite.

LAW105 A-G / 3 cr. hrs.
LAW OFFICE MANAGEMENT AND PRACTICES

Serves as a basis for all types of law offices through a study of general management principles and practices applied to office operations. Includes billing practices, bookkeeping, filing, telephone techniques and correspondence. No prerequisite.

LAW107 A-E-G / 3 cr. hrs.
LAW FOR BUSINESS

Introductory course exploring most significant activities in business law with emphasis on specific knowledge essential for managers in workplace. No prerequisite.

Note: Credit given for LAW107 or the combined sequence of LAW111/LAW212 but not both.

LAW111 A-E-G / 3 cr. hrs.
BUSINESS LAW I

Introduction to law: law as a social institution, its origin, development and administration; law of contracts, agency, employment, insurance, government regulations of business. Emphasis on personal property, bailments and real property. No prerequisite.

Note: Credit given for the combined sequence of LAW111/LAW212 or for LAW107, but not both.

LAW202 A-G / 3 cr. hrs.
CIVIL LITIGATION

In-depth study of all tools and procedures available to an attorney in preparing for and conducting civil litigation. Emphasis placed on preparing motions, subpoenas, gathering evidence, documentation and witnesses. Prerequisite: LAW101 and LAW103 or approval of instructor.

LAW212 A-E-G / 3 cr. hrs.
BUSINESS LAW II

Continuation of Business Law I. Commercial paper, creditors rights, secured transaction, partnerships, corporation, agency, wills and estates. Emphasis on Uniform Commercial Code. Prerequisite: LAW111.

Note: Credit given for the combined sequence of LAW111/LAW212 or for LAW107, but not both.

LAW213‡ A-G / 3 cr. hrs.
PARALEGAL INTERNSHIP

An internship program conducted in various Suffolk County government departments, private business legal departments and private law offices. Students have opportunity to relate skills learned in the classroom to actual law office applications and to acquire experience in a law office setting. Registration in this course requires that students purchase liability insurance through the college. Internship hours: average of eight hours per week. Class meetings: a one-hour session per week. Prerequisite: LAW105 and LAW240. Students must also be Paralegal majors and receive permission of director of Paralegal program.

LAW215 A-G / 3 cr. hrs.
LAW OF PROPERTY

Study of property ownership, closings, property management, property financing, and instruments pertaining thereto including development of consumer rights and usury statute analysis. Students trained to assist in investigation, preparation and maintenance of records necessary to perform the above services in a corporate law department or law office. Prerequisite: LAW101 and LAW103 or approval of instructor.

LAW240

A-G / 3 cr. hrs.

LEGAL RESEARCH

Provides an understanding of functions of the law library and develops research skills through use of digests, encyclopedias, reporter systems and practice manuals. Requires participation in drafting special research projects and preparation of pleadings. Prerequisite: LAW101 and LAW103 or approval of instructor. Enrollment open only to students in Paralegal curriculum.

LAW241

A-G / 3 cr. hrs.

LEGAL WRITING

This course focuses on the importance of legal communication, specifically the use of effective legal writing when communicating with clients, adversaries, and the courts. Specific writing assignments will include both interoffice and external written communications. Students will be required to prepare various legal documents including pleadings, motions, memoranda, and legal briefs. Prerequisite: LAW101 and LAW103 or approval of instructor.

Note: Enrollment open only to students in Paralegal curriculum.

LAW244

A-G / 3 cr. hrs.

PARTNERSHIP AND CORPORATION LAW

Review of legal aspects in formation of business entities, including sole proprietorship, partnership and corporation, with a survey of fundamental principles of law applicable to each and preparation of documents necessary to organization and operation of each. Prerequisite: LAW101 and LAW103 or approval of instructor.

LAW246

A-G / 3 cr. hrs.

ESTATES, TRUSTS AND WILLS

Study of wills and trusts and survey of fundamental principles of law applicable to each. Also, a study of organization and jurisdiction of surrogate court, detailed analysis of administration of estates and review of estate and inheritance taxes applicable to such estates. Prerequisite: LAW101 and LAW103 or approval of instructor.

LAW251

A / 3 cr. hrs.

INTERNATIONAL LAW

The study of International Law is the normative representation of the system of values common to all societies. The framework of this course will recognize that states are the principal actors in the legal system. The topics addressed will include human rights, group rights, the treatment of aliens, and international crimes. Important areas of comparative law in the traditions of Romano-Germanic civil law and Anglo-American common law will be presented. The course examines recurring problems caused by private cross-border disputes and current emerging solutions for solving such disputes. Class direction may include treatment regarding laws and policies behind business practices of the European Union. No prerequisite.

LAW295

A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN BUSINESS: LAW

Special and current topics in Business: Law may be available. See the online catalog for a complete listing.

Business: Management**BUS101**

A-E-G / 3 cr. hrs.

INTRODUCTION TO BUSINESS

Delves into the most significant activities in business. Topics include ownership, organization, marketing, purchasing, production, business finance, personnel, labor relations and government regulation. Recommended as background for further studies in business. No prerequisite

BUS102

E-G / 3 cr. hrs.

MONEY AND FINANCE

Basic coverage of money and credit creation, financial markets and financial decision-making. No prerequisite.

BUS105

A-E-G / 3 cr. hrs.

PERSONAL FINANCIAL MANAGEMENT

Gives students basic knowledge of principles, practices and techniques in handling their own personal financial affairs in a businesslike manner. Relative advantages and disadvantages of savings accounts, checking accounts, charge accounts, credit cards, revolving credit, installment loans, life insurance, health insurance, casualty and automobile insurance, renting versus buying, amortized mortgages, investing in mutual funds, and stocks and bonds are discussed in detail. No prerequisite.

BUS107

A-E-G / 3 cr. hrs.

BUSINESS MATHEMATICS

Use of mathematics in various business applications. All problem solving is accomplished through arithmetic methods (no algebra is required.) Topics include percentages, simple and compound interest, discount interest, marketing computations, insurance, basic taxes and investment problems. Does not satisfy mathematics/science elective requirements. No prerequisite.

BUS109

A-E-G / 3 cr. hrs.

SUPERVISION: CONCEPTS AND PRACTICES

Study of supervisory functions from viewpoint of the first-line supervisor. Emphasis on concepts of supervision and practices used by first-line supervisors in putting them into effect. Gives students actual practice through discussions of case problems arising from work situations. For students enrolled in certificate or A.A.S. business programs who plan to enter the business world immediately upon graduation. No prerequisite.

BUS112‡ A-E-G / 4 cr. hrs.**COMPUTING FOR BUSINESS**

State-of-the-art computer skills related to business major. Emphasis on integrated problem-solving approach. Trains students to make bottom-line decisions using "what if" models and decision trees. Business presentation skills presented using PowerPoint. Current technological business research skills emphasized. Students required to construct one-page business website. No prerequisite.

Note: Credit given for BUS112 or CST101, but not both.

BUS115 A-E-G / 1.5 cr. hrs.**COLLEGE/WORKPLACE SKILLS SEMINAR**

Introduces business student to general skills needed for success in workplace. Connects the college experience and its impact on students' skills necessary to compete in world of work. Fulfills Freshman Seminar requirement for students in accounting, business-related and paralegal curricula. No prerequisite.

BUS117 A-E-G / 3 cr. hrs.**BUSINESS COMMUNICATIONS**

Principles of business communication as they relate to the contemporary business organization. Emphasis on management approaches and solutions to communication problems unique to the business community. Topics include word/information processing, employment communication, and effective preparation of business correspondence and reports. Resume writing and marketing oneself for the job search are explored. Prerequisite: ENG101 or permission of instructor.

BUS121 A-E-G / 3 cr. hrs.**OFFICE MANAGEMENT**

Introduces scope and responsibilities of administrative office management. Topics include planning, organizing, operating and controlling office operations; leadership and human relations factors; and an overview of the effect office technology has had on the business world including telecommunications, reprographics, office systems, records management, data processing, word processing and voice processing. No prerequisite.

BUS123 A-E-G / 3 cr. hrs.**ENTREPRENEURSHIP**

Study of environment of small business and functions and philosophy of entrepreneur. Topics include problems in initiating and achieving success in new small business, including financing, marketing, management and legal governmental relationships involved. No prerequisite.

BUS127 A-E-G / 3 cr. hrs.**ORGANIZATIONAL BEHAVIOR**

Study of the nature of people in a business environment, significance of work, and the human resource. Topics include job satisfaction and motivation, formal and informal work groups, organization and authority, employee relations with the public, decision making and problem solving, the needs and goals of both people and the business environment. No prerequisite.

BUS129 A-E-G / 3 cr. hrs.**HUMAN RESOURCES MANAGEMENT**

Study of purposes, objectives and techniques of personnel administration. The role of personnel administration, human relations, procurement, interviewing, selection and training of personnel, labor relations, research and control of the personnel functions. No prerequisite.

BUS141 A-E-G / 3 cr. hrs.**FUNDAMENTALS OF INTERNATIONAL BUSINESS**

Familiarizes business students with international business concepts and practices. Special attention given to organizational structure of international business; letters of credit; bills of exchange; foreign drafts; technical procedures; documentation; foreign, consular, and domestic regulations; foreign credits; insuring and financing; and exports. No prerequisite.

BUS143 A-G / 3 cr. hrs.**THE FUNDAMENTALS OF EXPORTING AND IMPORTING**

Introduction to export/import practices of small and medium-sized firms. Provides a practical, step by step, techniques-oriented guide in managing and marketing export/import business, from assessment of its feasibility to successful completion. Students develop understanding of international trade regulations and requirements, procedures and documentation, and intermediaries facilitating flow of goods and services. Prerequisite: BUS141 or permission of instructor.

BUS150‡ A-E-G / 3 cr. hrs.**COOPERATIVE EDUCATION IN BUSINESS**

Cooperative Education is supervised on-the-job training directly related to a student's academic major and career interest. Co-op students integrate classroom theory with practical work experience. Through a required weekly seminar, students receive instruction in employment communications and discuss work station learning experiences. Students must be available to work a minimum of 8-10 hours per week. Interested students should contact appropriate program coordinator on their campus for more information. Registration in this course requires that students purchase liability insurance through the college. Prerequisite: Completion of at least 24 credit hours (12 credits being in the business area, with the exception of CST students), minimum overall GPA of 2.5, and permission of appropriate co-op coordinator, area chairperson, and/or area assistant dean. (At Eastern Campus offered only in spring semester.)

BUS201 A-E-G / 3 cr. hrs.
MANAGEMENT PRINCIPLES AND PRACTICES

Study of basic managerial functions of planning, organizing, staffing, direction and control. Emphasis on theory of management, organization and executive leadership. Case studies of actual business situations present problems requiring executive decisions for solution. No prerequisite.

BUS202 E-G / 3 cr. hrs.
FINANCIAL MARKETS AND INSTITUTIONS

Roles of banks and non-bank financial intermediaries as profit-making firms within the context of the American (United States) financial system. Prerequisite: ACC101 or BUS102 or ECO111.

BUS208 A-E-G / 1 cr. hrs.
CASE STUDIES IN BUSINESS ADMINISTRATION

Advanced capstone course for Business Administration (BUAS-AS) majors taken final semester before graduation. Working individually and in teams, students integrate, strengthen, expand, apply and document business administration skills and competencies. Through solution of case studies, students demonstrate abilities to think critically, solve managerial, quantitative, and ethical business problems, and utilize contemporary business-related technology. Other active learning assignments may be included as students exercise effective business management and leadership skills and develop global business mindset. Prerequisite: completion of a least 45 credits in the Business Administration A.S. degree curriculum (BUAS-AS), including ACC102, BUS201, ENG101, MKT101 and LAW111.

BUS209 A-E-G / 3 cr. hrs.
ISSUES IN CONTEMPORARY BUSINESS

Advanced capstone course for Business Administration (A.A.S., 315) majors taken final semester before graduation. Working individually and in teams, students demonstrate abilities to think critically, solve managerial, quantitative and ethical business problems, utilize business-related technology, and exhibit effective leadership in response to current business events and case studies. Through variety of learner-centered activities, students assemble portfolios documenting effective communication skills, understanding, and practical knowledge of business administration. Prerequisite: Completion of at least 45 credits in BUAD-AAS curriculum, including ACC101, BUS101, LAW107, MKT101, and a business elective.

BUS295 A-E-G / 3-4 cr. hrs.
SPECIAL TOPICS IN BUSINESS: MANAGEMENT

Special and current topics in Business: Management may be available. See the online schedule for a complete listing.

Business: Marketing

MKT101 A-E-G / 3 cr. hrs.
MARKETING

Introduction to fundamental marketing management theories, practices and problems. Attention directed to marketing strategies including distribution, pricing, promotion and product. In addition, consumer behavior and government regulation are examined in a marketing context. Current events and case problems are integrated with standard course material for discussion. No prerequisite.

MKT107 G / 3 cr. hrs.
CONSUMER BEHAVIOR

Examination of theories and research findings relating to consumer motivation and behavior. Employs an interdisciplinary approach by utilizing disciplines of anthropology, psychology, economics and sociology to understand consumers, their preferences, their decisions and spending behavior, role of motivation, and use of such information as applied in marketing. No prerequisite.

MKT201 G / 3 cr. hrs.
CASES IN MARKETING MANAGEMENT

Advanced course in marketing management which focuses on major types of decisions facing the marketing executive in attempts to harmonize objectives and resources of the firm with opportunities found in the marketplace. Strengthens student's ability to analyze these complex marketing situations and to further define and select optimum alternatives through proper application of current marketing theory. Extensive use made of recently published marketing management case studies. Prerequisite: MKT101.

MKT213 A-E-G / 3 cr. hrs.
ADVERTISING

Study of procedures and techniques of advertising. Special attention given to purposes of advertising, creating advertising ideas, writing copy, trademarks, fundamentals of advertising layout, selecting and using media, market research, and the advertising agency. No prerequisite.

MKT216 A-E-G / 3 cr. hrs.
PRINCIPLES OF SALES

Study of basic principles of successful selling. Consideration of place of the salesperson in our competitive economy, developing a sales-winning personality, and the "selling cycle" from prospecting through closing the sale. Films and practice sales presentations by students are included. No prerequisite.

MKT218 G / 3 cr. hrs.
MARKETING RESEARCH

Techniques of doing market research, its application, methods of gathering information, sampling methods, analysis and final report writing. Prerequisite: MKT101 and MAT103.

MKT220 A-G / 3 cr. hrs.

INTERNATIONAL MARKETING

Examines the marketing process and changing global environment. Focuses on problems, policies and strategies involved in marketing products in foreign markets. Prerequisite: MKT101.

MKT230 A / 3 cr. hrs.

SPORTS MARKETING

Exposes students to the sports industry as it focuses on the marketing of sports in the professional leagues, teams and events, amateur sports, sporting goods, sports media, and the promotion of college sports. Students will observe the remarkable increase in the number of sports properties available and the number of sponsors investing in sports properties. This course will also identify the reasons why sponsorship is able to assist a company to achieve its corporate and marketing objectives within the sports and entertainment industry. It will also look at marketing of non-sports products through sports with an introduction to sponsorship, licensing, branding, and athlete endorsement. Students will apply marketing concepts and strategies to the sports industry through the development of sports marketing and promotion strategies and plans. Prerequisite: MKT101.

MKT295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN BUSINESS: MARKETING

Special and current topics in Business: Marketing may be available. See the online catalog for a complete listing.

Business: Retailing

RET111 A-E-G / 3 cr. hrs.

RETAIL PRINCIPLES

Study of the retail organization, its structure, its personnel and merchandising policies, including introduction to various careers in retailing. Fundamental principles of locating, establishing and operating a retail store are developed. No prerequisite.

RET112 A / 3 cr. hrs.

RETAILING BUYING AND MERCHANDISING

Presents basic knowledge of the buyer's role in department store and chain operation. Involves a study of resources, buying techniques, and relationships with resident buying offices. Attention given to such merchandising data as prices, markdowns, stock turnover, markups and planning of stocks and purchases. Prerequisite: RET111.

RET115 A / 3 cr. hrs.

INTRODUCTION TO THE FASHION BUSINESS

Surveys types of business enterprises, activities, operational processes, and their varied interrelationships in the fashion business. Concentration placed on developments and trends of major sectors of the marketing of fashion: primary market, secondary market and retailing. No prerequisite.

RET201 A / 3 cr. hrs.

RETAIL OPERATIONS AND MANAGEMENT

Study of day-to-day management of the store and its component departments. Emphasis given to functions commonly performed by retail managers during their first years following graduation from college. Major topics include management of personnel, inventory and equipment; store security; and administration of merchandising plans. (*Offered fall semester only.*) Prerequisite: RET111.

RET211 A / 3 cr. hrs.

CONTEMPORARY ISSUES IN RETAIL MANAGEMENT

Analysis of the retail manager's operation including techniques employed in the vital areas of buying, pricing, selling and controlling of expenses. Actual case studies utilized to develop insight into problems confronting today's retailer. (*Offered spring semester only.*) Prerequisite: RET111, RET112 and RET201.

RET295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN RETAIL

Special and current topics in Retail may be available. See the online schedule for a complete listing.

CHEMICAL DEPENDENCY COUNSELING

CDC111 A-E-G / 3 cr. hrs.

CHEMICAL DEPENDENCY IN AMERICAN SOCIETY

Comprehensive exploration of historical, pharmacological, social and psychological aspects of abuse of and addiction to substances by society. Explores society's attitudes and misconceptions about substance use and reviews current theories of addiction treatment and prevention for both addicts and significant others. No prerequisite.

CDC115 E-G / 3 cr. hrs.

DYNAMICS OF ADDICTION

In-depth exploration of biological, psychological and social theories of substance use, abuse and addiction with emphasis on their implications for prevention and treatment. Related addictive behaviors including concept of co-dependence are studied. Prerequisite: CDC111 or permission of department.

CDC120 A-E-G / 3 cr. hrs.

CHEMICALLY DEPENDENT FAMILY SYSTEMS

Comprehensive exploration of effects of addiction and dysfunction on nuclear and extended family systems. Focuses on identification, education and treatment of "significant others" who may be affected by a person's substance abuse or addiction. Prerequisite: CDC111 or permission of department.

CDC225 G / 3 cr. hrs.
**CRIMINAL JUSTICE SYSTEM AND
CHEMICAL DEPENDENCY**

Exploration of formal and informal responses of criminal justice system to crimes and social disorder related to alcohol/substance abuse. Includes analysis of effectiveness of both law enforcement and diversionary strategies to combat endemic problems of controlled substances and alcohol. Prerequisite: CDC111 or permission of department.

CDC230 G / 3 cr. hrs.
**PROFESSIONAL DOCUMENTATION:
DATA COLLECTION, ASSESSMENT,
TREATMENT PLANNING**

Comprehensive examination of all documentation utilized in various health system agencies, with particular attention to those agencies specializing in alcohol/drug treatment. Includes actual preparation of various professional materials, i.e., psychosocial data and assessments, treatment plans, clinical reports, progress notes and other specialized material. Prerequisite: CDC111 or permission of department.

CDC235 G / 3 cr. hrs.
**TECHNIQUES FOR COUNSELING THE
CHEMICALLY DEPENDENT CLIENT**

In-depth examination of basic precepts of helping relationships. The student studies and practices client interviewing, goal setting, development and implementation of a client action plan, and how to promote client motivation. Emphasizes working with the chemically dependent client Prerequisite: CDC115 and CDC120 or permission of department.

CDC240 G / 3 cr. hrs.
**CHEMICAL DEPENDENCY EDUCATION
AND PREVENTION**

History of substance abuse prevention efforts with emphasis on various approaches to the problem and evaluation of their effectiveness. Includes evaluation of needs of special populations within the larger community. Current theory and practice are reviewed through a study of several actual prevention programs. Students expected to develop and present a prevention lesson in the class. Prerequisite: CDC111 or permission of department.

CDC246 G / 3 cr. hrs.
**ADVANCED TECHNIQUES FOR
COUNSELING THE CHEMICALLY
DEPENDENT CLIENT**

Advanced counseling and therapy concepts and techniques that apply to assessment, diagnosis and treatment modalities for addictions and for psychosocial conditions that may coexist with the chemical dependency condition. Also addresses collateral treatment concerns for "significant other" persons involved with the chemically dependent client as well as appropriate uses of supervision, peer support, professional affiliations, and continuing professional education for the practitioner. Working with health professionals on the treatment team emphasized. Prerequisite: CDC235.

CDC250 G / 3 cr. hrs.
**HABILITATION AND REHABILITATION
OF THE CHEMICALLY DEPENDENT
CLIENT**

Development and implementation of the Vocational and Educational Treatment Plan with the chemically dependent individual (alcohol/substance.) Prerequisite: CDC111 or permission of department.

CDC255‡ G / 7 cr. hrs.
**FIELD PRACTICUM OR COOPERATIVE
EDUCATION IN CHEMICAL
DEPENDENCY COUNSELING**

Integrates theory with actual practice in a clinical setting. Students perform intake interviews and assessments, develop treatment plans, do counseling and present intervention and education approaches, all within the context of the legal, ethical and professional responsibilities of the chemical dependency counselor. Involves off-campus fieldwork: a minimum of 270 hours of clinical experience and 30 hours of supervision. Students attend two-hour, weekly on-campus supervision seminars. Internship placements must be in a licensed chemical dependency counseling center and be supervised by a qualified professional. Students should take CDC255 in their final semester of study. (18 hrs. clinical, 2 hrs. seminar.) Prerequisite: CDC120, CDC225 and CDC235. Corequisite: CDC246.

Note: Registration in either of these courses requires that students contact program coordinator in the semester prior to enrollment in course to obtain permission and vital information. Registrants in CDC255 must: 1. purchase liability insurance through the college; 2. file a Physician's Certificate; 3. complete other requirements prior to the beginning of the class. Please contact program coordinator for information.

CHEMISTRY

Safety goggles and lab coat/apron must be worn in all chemistry laboratories.

CHE100‡ A-E-G / 4 cr. hrs.
GENERAL CHEMISTRY

A laboratory science elective for non-science majors as well as a required course for Culinary Arts and Dietetic Technician majors. CHE100 is also required for prospective allied health majors who do not meet the prerequisite for BIO130: Anatomy and Physiology I. Topics include atomic structure, bonding, chemical equations, changes in energy, gas laws, acid-base chemistry, solutions, and chemical equilibria. Laboratory techniques are introduced and followed by experiments which illustrate basic principles presented in lecture. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MAT007 or High School Intergrated Algebra or equivalent.

Note: Credit given for CHE100 or CHE122 but not both. Fulfills SUNY General Education Requirement for Natural Sciences.

CHE120‡ G / 4 cr. hrs.**INTRODUCTION TO GENERAL, ORGANIC, AND BIOCHEMISTRY**

One-semester course required for Veterinary Science Technology students. Basic principles of general, organic and biochemistry are presented with emphasis on applications to health science. Topics include measurement, states of matter, bonding theory, solutions, acids, buffers and pH, structure and function of carbohydrates, lipids, sterols, amino acids, proteins, molecular approach to enzymatic action, digestion, metabolism and nutrition. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent and high-school chemistry with laboratory.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

CHE122‡ A / 4 cr. hrs.**FOUNDATIONS OF COLLEGE CHEMISTRY**

One-semester course presenting chemical principles, specifically designed for students enrolled in a science or engineering curriculum who plan to enroll in a one-year course in college chemistry (CHE133/134). Lectures provide introduction to general principles, laws of chemical combination, thermochemistry, electrochemistry and chemical equilibrium. Laboratory work illustrates basic principles presented in lectures. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MAT007 or high school Sequential Math I or equivalent. Corequisite: MAT111 or permission of department.

Notes: 1) When CHE122 is not available, CHE100 may be substituted with permission of department. 2) CHE122 may not be used as a substitute for CHE133. 3) Neither CHE100 nor CHE122 may be taken after a student has completed CHE133 or its equivalent. 4) Credit given for CHE122 or CHE100, but not both. 5) Fulfills SUNY General Education Requirement for Natural Sciences.

CHE133‡ A-E-G / 4 cr. hrs.**COLLEGE CHEMISTRY I**

Two-semester sequence for students whose emphasis is chemistry, biology, engineering, medicine or dentistry. Includes study of general principles, laws of chemical combination, thermodynamics, electrochemistry, and chemical equilibrium. Laboratory work is basically quantitative in nature and emphasizes experimental techniques and study through observation. Second semester places emphasis on equilibrium through study of inorganic qualitative analysis. (3 hrs. lecture, 1 hr. recitation, 3 hrs. laboratory.) Prerequisite: CHE100 or CHE122 or permission of Academic Chair / Area Dean and MAT124.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

CHE134‡ A-E-G / 4 cr. hrs.**COLLEGE CHEMISTRY II**

Two-semester sequence for students whose emphasis is chemistry, biology, engineering, medicine or dentistry. Includes study of general principles, laws of chemical combination, thermodynamics, electrochemistry, and chemical equilibrium. Laboratory work is basically quantitative in nature and emphasizes experimental techniques and study through observation. Second semester places emphasis on equilibrium through study of inorganic qualitative analysis. (3 hrs. lecture, 1 hr. recitation, 3 hrs. laboratory.) Prerequisite: CHE133 or permission of instructor and MAT124.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

CHE200‡ A / 4 cr. hrs.**PRINCIPLES OF ORGANIC AND BIOCHEMISTRY II**

Basic principles of organic chemistry and chemistry of physiologically significant compounds. Lecture topics include discussion of properties and preparations of major families of organic compounds with emphasis on biologically important compounds such as proteins, carbohydrates and vitamins. Laboratory reinforces basic techniques employed in general chemistry, illustrates representative mechanisms, and introduces techniques and procedures encountered in organic preparations and analysis. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: CHE100, CHE122 or CHE133, or permission of department.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

CHE250‡ A-G / 5 cr. hrs.**ORGANIC CHEMISTRY I**

Two-semester sequence presenting theory, nomenclature, preparation, fundamental reactions and reaction mechanisms of both aliphatic and aromatic compounds, including behavior of the major functional groups. Both chemical and instrumental methods of organic analysis, including separation and structure elucidation techniques, are developed. Basic laboratory techniques are taught and representative compounds are prepared. Some products prepared in the laboratory are characterized utilizing chromatographic and instrumental techniques. (3 hrs. lecture, 1 hr. recitation, 4 hrs. laboratory.) Prerequisite: CHE134 or permission of instructor.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

CHE251‡ A-G / 5 cr. hrs.**ORGANIC CHEMISTRY II**

Two-semester sequence presenting theory, nomenclature, preparation, fundamental reactions and reaction mechanisms of both aliphatic and aromatic compounds, including behavior of the major functional groups. Both chemical and instrumental methods of organic analysis, including separation and structure elucidation techniques, are developed. Basic laboratory techniques are taught and representative compounds are prepared. Some products prepared in the laboratory are characterized utilizing chromatographic and instrumental techniques. (3 hrs. lecture, 1 hr. recitation, 4 hrs. laboratory.) Prerequisite: CHE250.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

CHE295 A-E-G / 3-4 cr. hrs.**SPECIAL TOPICS IN CHEMISTRY**

Special and current topics in Chemistry may be available. See the online catalog for a complete listing.

CHE296 A-E-G / 3-4 cr. hrs.**HONORS SPECIAL TOPICS IN CHEMISTRY**

Honors special topics courses in Chemistry may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

CHINESE**CHI101-CHI102** A-E-G / 3 cr. hrs.**ELEMENTARY CHINESE I AND II**

Introductory sequential courses in Chinese which develop the four language skills of listening, speaking, reading, and writing with emphasis on communicative competence. Reading of authentic cultural, literary, and historical materials. Required online workbook/lab manual course component. CHI101 is for students with little or no knowledge of Chinese. (See guidelines chart under "Foreign Languages.") No prerequisite for CHI101; prerequisite for CHI102: CHI101 or fulfillment of equivalent high school placement requirements.

Note: Fulfills SUNY General Education Requirement for Foreign Language.

CHI295 A-E-G / 3-4 cr. hrs.**SPECIAL TOPICS IN CHINESE**

Special and current topics in Chinese may be available. See the online catalog for a complete listing.

CHI296 A-E-G / 3-4 cr. hrs.**HONORS SPECIAL TOPICS IN CHINESE**

Honors special topics courses in Chinese may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

CINEMA STUDIES**CIN111‡** A-E-G / 3 cr. hrs.**CINEMA STUDIES I: FROM KINETOSCOPES TO KANE**

Traces origin and development of motion pictures from early Lumiere films to pre-WWII era. Includes screenings, analysis, and discussion of significant films representing such topics as evolution of film grammar, German Expressionism, Soviet montage, and American studio system. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

CIN112‡ A-E-G / 3 cr. hrs.**CINEMA STUDIES II: FROM NOIR TO NOW**

Traces development of motion pictures from WWII era to the present. Includes screenings, analysis, and discussion of significant films representing such topics as Film Noir, Italian Neorealism, French New Wave, emergence of national cinema, and American independent film. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

CIN113 A-E-G / 3 cr. hrs.**AMERICAN CINEMA**

An introductory course that surveys American film industry as an art form, an industry, and a system of representation and communication. Explores how Hollywood films work technically, aesthetically and culturally to reinforce and challenge America's national self-image. No prerequisite.

CIN114 A / 3 cr. hrs.**INTRODUCTION TO FILM ANALYSIS**

This course introduces and provides a foundation in the language of filmic expression and the methods of film study through analysis of significant cinematic works. Emphasis is on ways of looking at film, the major concepts of theory, the various forms of film, and the techniques that determine visual styles. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities and The Arts.

CIN117‡ A-E / 3 cr. hrs.**DIGITAL FILMMAKING I**

Introduction to pre-production, production and postproduction techniques of digital filmmaking with emphasis on principles of narrative film practices. Digital camcorders, computer-based non-linear editing and other equipment available No prerequisite.

CIN118‡ A / 3 cr. hrs.

DIGITAL FILMMAKING II

Provides opportunity to practice advanced production and editing techniques such as multiple-subject staging, split-editing of sound and picture, various montage styles, continuity and voice-over narration. Students develop production assignments in consultation with instructor. Prosumer digital video cameras, computer-based non-linear editing and other equipment available. Prerequisite: CIN117 or permission of instructor.

CIN122 A / 3 cr. hrs.

INTRODUCTION TO CINEMA SCREENWRITING

Introduces fundamentals of developing and writing feature-length screenplays. Using recent Hollywood scripts and films, students examine building blocks of dramatic structure: character development, dialogue, scene construction, and plot development. Covers proper format as well as marketing and submission process. Course culminates in writing of first 7-15 pages of a screenplay. No prerequisite.

CIN156 A-G / 3 cr. hrs.

THE DOCUMENTARY

Traces development of documentary film through viewing films, reading critical essays, and discussing and writing about the films. Students analyze films focusing on cinematic elements such as point of view and narrative. Students examine films as statements by individuals living within a particular cultural framework, as instruments of propaganda, as entertainment, and as devices which expand our perspectives of the world around us. Prerequisite: ENG101. (Same as ENG208.)

Note: Credit given for CIN156 or ENG208, but not both. Fulfills SUNY General Education Requirement for Humanities and the Arts.

CIN242 A / 3 cr. hrs.

SELECTED GENRES IN CINEMA

Analysis of themes and their stylistic interpretation in notable films of a particular genre (i.e. science fiction, comedy, the Western, etc.). Through critical examination of historically significant films – with comparisons with original literary works, when appropriate – students will work toward a definition of the selected genre. No prerequisite.

CIN295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN CINEMA STUDIES

Special and current topics in Cinema Studies may be available. See the online catalog for a complete listing.

CIN296 A-E-G / 3-4 cr. hrs.

HONORS SPECIAL TOPICS IN CINEMA STUDIES

Honors special topics courses in Cinema Studies may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

COLLEGE SEMINARS

COL101 A-E-G / 1.5 cr. hrs.

FRESHMAN SEMINAR

Methods and techniques students can adopt to promote their perseverance and success at the college. Specific topics include college procedures and resources, academic advisement, time management, goal-setting, test and note taking, health issues and other areas related to student success in college. Students are expected to enroll in this class in their first semester. No prerequisite.

Note: The COL101: Freshman Seminar requirement may also be fulfilled by taking ART105: Visual Arts Seminar (for students in visual arts curriculum); ART144: Photography Seminar (for students in photographic imaging curriculum); BUS115: College/Workplace Skills Seminar (for students in accounting, business-related and paralegal curricula); COL105: Personal Growth and College Life; COL111: Adult Learner Freshman Seminar; COL125: College Success Seminar; COL141: EOP-Freshman Seminar (for students in EOP program); CUL101: Culinary Freshman Seminar (for students in culinary arts curriculum); GRD105: Digital Design Freshman Seminar (for students in computer art and graphic design curriculums); HRM115: Hospitality Freshman Seminar (for students in hotel and resort management curriculum); LIB101: Research Essentials: The Library and the Internet; LIB103: Library Research Methods; MUS115: Freshman Seminar for Music Majors (for students in music curriculum); THR100: First Year Seminar for Theatre Arts (for students in theatre arts curriculum); or WST112: Women's Seminar.

COL105 A-E-G / 3 cr. hrs.

PERSONAL GROWTH AND COLLEGE LIFE

Intensified version of COL101 intended primarily for students in developmental programs. In addition to teaching specific techniques for student success such as study skills, library use, test taking strategies, goal setting and time management, this seminar specifically addresses non-academic student needs upon which academic survival may depend. No prerequisite.

Note: For those students placed in it, this course satisfies the Freshman Seminar (COL101) graduation requirement. It cannot be used to fulfill liberal arts or unrestricted elective credits in any degree or certificate program.

COL111 A-E-G / 1.5 cr. hrs.**ADULT LEARNER COLLEGE SEMINAR**

This course is designed specifically for adult learners who will learn and empower themselves with strategies for becoming a successful college student. Provided are necessary information and techniques to navigate the terrain of higher education, to improve academic performance, to evaluate strengths, weaknesses, life goals, and to identify strategies that can enhance one's personal, academic, and career growth as a life-long learner. Through exercises and assignments, the academic culture will be examined within a variety of topics that include goal-setting, decision-making, study skills, time management, stress reduction and campus resources. No prerequisite.

Note: This is a required course that can be used as a substitute for COL 101 Freshman Seminar.

COL120 A-E-G / 1 cr. hrs.**PORTFOLIO PREPARATION**

Provides adults with a vehicle for identifying and demonstrating college-level learning achieved outside the classroom. Students provided with necessary information and techniques for choosing a degree program and preparing a portfolio that describes and documents the learning. The portfolio may then be presented to the faculty for evaluation. No prerequisite.

COL141 A-E-G / 3 cr. hrs.**EDUCATIONAL OPPORTUNITY PROGRAM FRESHMAN SEMINAR**

Specialized version of COL101 for students in the Educational Opportunity Program. This course consists of a summer and fall component. EOP students will learn the necessary technical skills for college success such as study skills, test-taking strategies, goal setting, and time management during the five week summer portion. The fall component consists of a 50-minute class which incorporates integration into the college community by student's active participation in campus activities and clubs and leadership opportunities. Overall, this course is designed to give EOP students the opportunity to gain an understanding of themselves as well as the educational process at the College to better prepare them for their first-year experience. In addition, it provides an opportunity for individual counseling and tutoring. No prerequisite.

COL295 A-E-G / 3-4 cr. hrs.**SPECIAL TOPICS IN COLLEGE SEMINAR**

Special and current topics in College Seminar may be available. See the online catalog for a complete listing.

COMMUNICATION**COM101** A-E-G / 3 cr. hrs.**INTRODUCTION TO HUMAN COMMUNICATION**

Introduces field of communication studies. Through practice and lecture, students study areas such as public speaking, discussion, semantics, dyadic communication, critical listening and related areas. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Basic Communication.

COM102 A-E-G / 3 cr. hrs.**INTERPERSONAL COMMUNICATION**

Stresses development of interpersonal skills necessary for building and maintaining productive and positive relationships in a variety of work and social settings. Topics include interpersonal trust, self-disclosure, assertiveness, conflict and conflict management. Students study various theories of interpersonal communication and practice interpersonal skills in class. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Basic Communication.

COM105 A-E-G / 3 cr. hrs.**PUBLIC SPEAKING**

Introduction to essential steps in preparing and presenting speeches. Structured exercises and presentations are used to help students master each phase, including topic selection, audience analysis, research content, organization, style and delivery. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities and Basic Communication.

COM107 A-E-G / 3 cr. hrs.**SMALL GROUP COMMUNICATION**

Application of communication skills to problem solving in small group context. Emphasis placed on dynamics, interaction, team building, and related skills. Recommended for general studies and other non-nursing and health career-oriented students. No prerequisite.

COM109 A / 3 cr. hrs.**FORENSICS WORKSHOP**

Designed for students interested in intercollegiate competition and improving their communications skills. Students trained and coached in variety of forensic forms, including public speaking, drama, oral interpretation of literature, and argumentation. (3 hrs. lecture, laboratory hrs. to be assigned.) No prerequisite.

COM110 A-E-G / 3 cr. hrs.**SPEECH IMPROVEMENT**

Imparts confidence and improved speaking style. Students work on individual and group activities to improve articulation, pronunciation, projection, rate, intonation and language usage. No prerequisite.

Communication

COM111‡ A-G / 3 cr. hrs.

VOICE AND DICTION

Studies nature of speech and voice mechanism in order to provide individualized training for improvement of voice quality and articulation. Emphasis placed on respiration, phonation, resonance, articulation, and the phonetic basis of speech. Not designed to provide therapy for students with severe speech disorders. No prerequisite.

Note: Credit given for COM111 or COM112 but not both.

COM112 G / 3 cr. hrs.

AMERICAN ENGLISH PRONUNCIATION AND DICTION

Intended to help those students who, as speakers of English as a second language, are self-conscious or fearful about how they sound to native speakers or worry that their accents will interfere with educational or employment opportunities. Not intended to make them lose their accents, a goal which is neither realistic nor desirable. The goal is to make speech in the new language clear and understandable so that the student can speak it with confidence in all situations. Prerequisite: ESL Level 5, or permission of instructor or director of ESL program.

Note: Credit given for COM111 or COM112 but not both.

COM121 A-E-G / 3 cr. hrs.

ORAL INTERPRETATION

Beginning course in oral reading stressing development of understanding of the meaning of literature and the ability to communicate this meaning to others orally. Included is study of recorded readings, and analysis, adaptation, and oral presentation of representative literary forms. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

COM131 A-G / 3 cr. hrs.

THEORIES OF PERSUASION

Study of theories used to create verbal and visual strategies designed to influence thinking and behaviors of individuals and groups. Also examines application of these theories to advertising, marketing, community affairs, political campaigns and public relations. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

COM133 A-G / 3 cr. hrs.

FREEDOM OF SPEECH

Reviews thinking and events in Western culture that gave rise to freedoms of expression guaranteed by the First Amendment to the U.S. Constitution. In addition, the course examines key issues and court decisions concerning social, political, artistic and commercial communications. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

COM201 A-E-G / 3 cr. hrs.

INTRODUCTION TO COMMUNICATION THEORY

A survey of the major theories/methodologies of communication and their application to the analysis of discourse. This course presents a historical range of theories of communication, including interpretive, critical, rhetorical and scientific. Prerequisite: COM101 or COM102 and ENG101.

COM202 A-G / 3 cr. hrs.

INTERCULTURAL COMMUNICATION

Explores how cultural differences influence communication. Emphasis on theories, concepts, research findings, and practice in intercultural settings. Activities are designed to promote cultural sensitivity, enabling students to confront their own assumptions and cultural biases, and increase their intercultural communication competence. Prerequisite: COM101 or COM102.

Note: Fulfills SUNY General Education Requirement for Other World Civilizations.

COM204 A / 3 cr. hrs.

ARGUMENTATION AND DEBATE

Introduces study of argument. Students learn to identify arguments in variety of contexts, prepare and present written and oral arguments, and evaluate arguments through critical examination of their strengths and weaknesses. Both psychological and logical constructs examined. Students apply principles of argumentation in organized debates. Prerequisite: COM101 or COM105.

Note: Fulfills SUNY General Education Requirement for Humanities.

COM206 A-E-G / 3 cr. hrs.

ADVANCED INTERPERSONAL COMMUNICATION

This course explores the fundamental issues in interpersonal communication theory and research from contemporary scholars. Students learn to translate scholarship in the field of interpersonal communication into an analysis of interpersonal communication in real-life situations. Prerequisite: COM102 and ENG101.

COM213‡ A-G / 3 cr. hrs.

COMPUTER-MEDIATED COMMUNICATION

This course focuses on the study of how human beings use new technologies, such as the Internet, to interact with one another. It will examine both interpretive/critical and social scientific research of issues such as the construction of online identity, the development of online relationships, and a host of political and social uses associated with these technologies. This course will balance the use of simple CMC technologies (Wikipedia, Facebook, Cell Phones) with discussion of the social implications of them. No prerequisite.

COM295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN COMMUNICATION

Special and current topics in Communications may be available. See the online catalog for a complete listing.

COM296 A-E-G / 3-4 cr. hrs.

HONORS SPECIAL TOPICS IN COMMUNICATION

Honors special topics courses in Communications may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

COMPUTER SCIENCE / INFORMATION TECHNOLOGY

Note: The following courses can be used to satisfy Liberal Arts and Sciences elective requirements: CST101, CST125, CST126, CST161, CST222, CST227, CST242, CST246.

CST101‡ A-E-G / 4 cr. hrs.

INTRODUCTION TO COMPUTING

Comprehensive introduction to use of personal computers for improving productivity and problem solving. Primarily for non-computer majors and liberal arts students (i.e., those majoring in areas such as humanities, arts, social and behavioral sciences.) Includes desktop configuration, word processing, spreadsheets, presentation graphics, basics of personal computer organization, directory structures and file management. Optional topics may include database concepts, Web page creation, Internet and IT resources, Web browsers and use of Internet for research. Course cannot be applied to satisfaction of graduation requirements in any computer-related degree program or certificate at SCCC. No prerequisite.

Note: Credit given for CST101 or BUS112, but not both.

CST111‡ A-E-G / 4 cr. hrs.

INTRODUCTION TO COMPUTER SCIENCE AND INFORMATION TECHNOLOGY

This course provides a survey of the major areas in computer science and information technology. It examines the history, current status, and future prospects in areas such as software design and programming, operating systems and administration, database design and management, data security, privacy, networking, and digital communications. It provides an opportunity for students to learn the fundamental theories and practices in computer science and information technology and understand their respective expectations. This course does not satisfy a Liberal Arts and Science elective in any curriculum. No prerequisite.

CST112‡ A-E-G / 4 cr. hrs.

INTRODUCTION TO PROGRAMMING

This course introduces fundamental programming principles to beginners. Emphasis is placed on algorithm development, structured programming techniques, flowcharting, coding, debugging and libraries. It discusses programming concepts such as variables, conditionals, loops, functions, objects, and arrays. Program output may include graphical elements with images, animation and visualization. The course is designed as a place where many ideas and techniques can mix and is therefore appropriate for a wide audience that includes programmers, as well as people interested in graphical design or analytic fields (science, mathematics, economics, etc.). Prerequisite: MAT007 or equivalent. Prior computing experience or completion of CST101 is recommended.

CST125‡ A-E-G / 4 cr. hrs.

INSTALLING, CONFIGURING AND ADMINISTERING MICROSOFT WINDOWS OPERATING SYSTEMS

Comprehensive introduction to implementing, administering and troubleshooting information systems that incorporate Microsoft Windows. Major topics include attended/unattended installation; upgrading from a previous version; deploying service packs; resource administration; installation and troubleshooting of device drivers; monitoring and optimizing system performance and reliability; configuring and troubleshooting the desktop environment; implementing, managing and troubleshooting network protocols and services; and implementing, monitoring and troubleshooting security. Prerequisite: Any CST course or permission of department.

CST126‡ A-E-G / 4 cr. hrs.

OPERATING SYSTEMS: LINUX/UNIX

Familiarizes students with Unix operating system by using one of many versions of Unix, such as Linux, on personal computer in lab. Covers concepts as well as practical use of Unix. Topics include most commonly used Unix commands plus others. Also covers similarities and conceptual differences between Unix and Windows operating systems. Prerequisite: Any CST course or permission of department.

CST141‡ A-E-G / 4 cr. hrs.

PRINCIPLES OF COMPUTING USING JAVA I

Introduces concepts needed to lay solid foundation for understanding object-oriented software development via problem specification, analysis, design, implementation and testing. Topics include methods, decisions, looping, arrays, code re-usability, top-down design and UML. With extensive laboratory exercises, course educates and trains students to develop programs that are easy to understand and maintain. Prerequisite: MAT111 or equivalent, and CST112 or equivalent, or permission of department.

CST161‡ **A-E-G / 4 cr. hrs.**

WEBSITE DESIGN

Teaches Web page creation and other aspects of Web authoring, beginning with fundamentals of HTML tags by creating Web pages utilizing text editor. Explores various professional website development, deployment and management software suites and importance of Cascading Style Sheets (CSS). Focuses on theory, design and Web construction, along with information architecture concepts. Web project management, scenario development and performance evaluations. Enables students to create Web pages containing text, graphics, hyper-links, tables, forms and frames. Prerequisite: Prior computing experience or CST101 or CST112 or permission of department.

CST171‡ **A-E-G / 4 cr. hrs.**

RELATIONAL DATABASE APPLICATIONS AND CONCEPTS

Use of a relational database model as problem-solving tool in business. Teaches techniques for adding, retrieving and modifying information within a database. Topics include files, records, query language, conversion-to-work processing format, indexes, sorting and customized reports. Prerequisite: Any CST course or permission of department.

CST222‡ **A-E-G / 4 cr. hrs.**

COMPUTER ARCHITECTURE

Introduces concepts needed to lay solid foundation for understanding computer architecture. Performance of software systems is dramatically affected by how well software designers understand basic hardware technologies at work in a system. Similarly, hardware designers must understand far-reaching effects design decisions have on software applications. Provides deep look into the computer, demonstrates relationship between software and hardware, and focuses on foundational concepts that are the basis for current computer design. Provides framework for thinking about computer organization and design that enables student to continue lifetime learning necessary to stay at forefront of ever-changing technology. Prerequisite: C or better in CST111 and CST141 or permission of department.

CST227‡ **A-E-G / 4 cr. hrs.**

NETWORK OPERATING SYSTEMS AND NETWORK INFRASTRUCTURE

Introduces implementation of Network Operating Systems in medium to very large computing environments. Explores connectivity issues such as connecting individual offices and users at remote locations to the corporate network and connecting corporate networks to the Internet. Examines network services and applications such as file and print, database, messaging, proxy server or firewall, dial-in server, desktop management, and Web hosting. Also examines skills required to manage, monitor and troubleshoot Network Address Translation and Certificate Services. Utilizing case studies, students learn how to install, manage, monitor, configure and troubleshoot DNS, DHCP, Remote Access, Network Protocols, IP routing and WINS. Prerequisite: CST125.

CST242‡ **A-E-G / 4 cr. hrs.**

ADVANCED PROGRAMMING AND PROBLEM SOLVING WITH JAVA

Advanced course presenting problem-solving methodologies and emphasizing object-oriented principles and designs using Java. Several medium-to-large programs using this paradigm are assigned. Focuses on how to write complete program using one or more object classes. Discusses objects in general with special consideration given to string processing, arrays and collections of objects. Swing graphical user interface library discussed and compared to techniques used in Visual Basic. Prerequisite: CST141 or permission of department.

CST246‡ **A-E-G / 4 cr. hrs.**

DATA STRUCTURES*

Introduction to methods useful in representing data in storage. Discusses structures such as arrays, lists, stacks, queues and trees, as well as methods used in their implementation and manipulation. Related programming assignments required. Prerequisite: CST242.

CST262‡ **A-E-G / 4 cr. hrs.**

CLIENT-SIDE AND SERVER-SIDE WEB PROGRAMMING

First part of course trains developers in using features of JavaScript language and designing client-side platform-independent solutions. Students learn how to write JavaScript programs and script for JavaScript object model, control program flow, validate forms, animate images, target frames and create cookies. Also teaches usage of most popular applications of JavaScript. Second part of course trains students how to work in server-side environment utilizing ActiveX Server Pages technology. Trains students to create dynamically generated Web pages from server side using scripting languages such as VBScript or JavaScript. If time permits, explores alternative technologies to ASP such as Common Gateway Interface (CGI), Server Side Includes (SSI) and Servlets (Java), along with other server-side scripting languages such as Perl and PHP. Also teaches key application standards such as source and revision control, coding standards, code optimization and data integrity. Prerequisite: CST141 and CST161.

CST265‡ **A-E-G / 4 cr. hrs.**
XML DOCUMENT DESIGN AND PROGRAMMING

Comprehensive introduction to Web-based application development with XML which focuses on various XML and related technologies such as construction of XML Document Type Definitions (DTDs) and XML schemas, manipulating parsed XML documents utilizing JavaScript and XML Document Object Model (DOM), and utilizing XLink and XPointers to extend XML document linking capabilities. Also teaches use of XML to create customized tags and to utilize standard custom markup languages in science, technology, multimedia, commerce and other fields. Requires familiarity with fundamentals of HTML, JavaScript, Active Server Pages and object-oriented concepts. Prerequisite: CST161 or permission of department.

CST272‡ **A-E-G / 4 cr. hrs.**
PROGRAMMING FOR RELATIONAL DATABASE MANAGEMENT SYSTEMS

Capstone course training students to develop database applications. Implements full power of programming in database-oriented language. Emphasizes design, implementation and presentation of several large, real-time information system cases. Prerequisite: CST112 and CST171 or permission of department; co-requisite: CST131 or CST242.

CST278‡ **A-E-G / 4 cr. hrs.**
MOBILE PROGRAMMING

Mobile computing on devices such as MP3 players, cell phones and tablets is one of the fastest growing areas in computing today. We will study many aspects of this field, with particular emphasis on open platform for devices programmable in Java, currently epitomized by Google's Android platform. Topics include local IDEs, GUIs, event driven programming, 2D graphics, databases, networking, accessing the built-in sensors (e.g., accelerometers, GPS, etc.) and using existing frameworks (e.g., maps, Web browsers, etc.). These will be studied in the context of professional software development. Programs will be written using an emulator that runs on all of the major operating systems, but for maximum benefit, the student may consider acquiring an Android device. Prerequisite: CST141 with C or higher; Co-requisite: CST242; or department permission.

CST288‡ **A-E-G / 4 cr. hrs.**
COOPERATIVE EDUCATION INTERNSHIPS FOR COMPUTING TECHNOLOGY

Field work in information technology. Student obligations agreed upon in an internship contract. Supervising faculty hold periodic meetings with student interns and their supervisors to evaluate intern performance. In addition to eight to ten hours per week of field work, students attend a 50-minute weekly seminar. Registration in this course requires that students purchase liability insurance through the college. Prerequisite: Completion of sixteen or more CST credits (not including CST101) with an average of C or better.

CST295 **A-E-G / 3-4 cr. hrs.**
SPECIAL TOPICS IN COMPUTER SCIENCE/INFORMATION TECHNOLOGY

Special and current topics in Computer Science / Info Tech may be available. See the online catalog for a complete listing.

CONSTRUCTION TECHNOLOGY / ARCHITECTURAL TECHNOLOGY

COT110‡ **A / 3 cr. hrs.**
SURVEYING I

Care and use of surveying instruments. Taping and taping corrections, differential leveling, traverse and area computation, stadia topography and construction surveys. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MAT111; corequisite: MAT124.

COT114‡ **A / 3 cr. hrs.**
CONSTRUCTION METHODS

Methods of residential and commercial construction including site preparation, concrete placement, timber and steel framing techniques, moisture control and finishing. (3 hrs. lecture.) Prerequisite: MAT111.

COT222‡ **A / 3 cr. hrs.**
SITE PLANNING

Basic principles of land surveying applied to site planning and design. Concepts of site design and engineering are presented from analysis to design drawings. Areas covered include zoning concepts, constraints of environmental considerations, roadways and land subdivision, parking, and site utilities and drainage. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: COT110 and MAT124.

COT233‡ **A / 3 cr. hrs.**
STRENGTH OF MATERIALS

Study of relationships existing between externally applied forces and internally induced stresses and strains in various types of mechanical or structural components such as welds, bolts, rivets, shafts pressure vessels, beams and columns. This is accomplished using principles of stress and strain, Poisson's ratio and thermally introduced loading. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: COT266; corequisite: MAT125.

COT238‡ A / 3 cr. hrs.

CONSTRUCTION ESTIMATING

Interpretations of plans and specifications, preparation of construction estimates, resource requirements in building systems, including large-scale Civil Engineering works such as highways, bridges and utility projects. Estimating databases, labor pricing, cost analysis from small-scale projects to heavy civil infrastructure are developed. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: COT114; corequisite:COT239.

COT239 A / 3 cr. hrs.

CONSTRUCTION SCHEDULING

Introduces the most accepted methods for scheduling construction project from start to finish. Typical projects are heavy civil infrastructure type such as highways, bridges and utility projects. Students create and filter schedules based upon plans, manage schedules, compute critical path, and create reports and PERT charts. Students also work with various aspects of scheduling creation, with emphasis on maintenance of schedules. Corequisite:COT238

COT243 A / 3 cr. hrs.

CONSTRUCTION CONTRACTING

Day-to-day operation of a construction contracting business is presented. Information presented includes practical matters such as business ownership, cost estimating and bidding, contract bonds, required types of insurance, construction business methods, labor law and labor relations. Codes and specification are presented as they apply to the previous subjects. (3 hrs. lecture.) No prerequisite.

COT246‡ A / 3 cr. hrs.

STRUCTURAL STEEL AND REINFORCED CONCRETE DESIGN

Fundamental theory and principles necessary for design of simple steel and reinforced concrete structures are presented. In the structural steel portion, beams, columns, tension and compression members, composite structures and the connection for these types are presented. For the concrete portion, fundamental behavior of reinforced concrete (elastic and inelastic), beam construction, columns and footings are studied. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MAT125 and COT233.

COT266 A / 3 cr. hrs.

STATICS

One-semester course in statics. Includes vector concept of force, equilibrium, centroids, moments of inertia, analysis of structures, and fluid statics. (3 hrs. lecture.) Prerequisite: MAT124; corequisite:MAT125.

COT295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN CONSTRUCTION TECHNOLOGY

Special and current topics in Construction Technology may be available. See the online catalog for a complete listing.

CRIMINAL JUSTICE

Note: Although Criminal Justice courses cannot be used to fulfill social sciences requirements at SCCC, several are transferable as social sciences electives at various four-year SUNY colleges. See Criminal Justice Department for details.

CRJ101 A-E-G / 3 cr. hrs.

INTRODUCTION TO CRIMINAL JUSTICE

Introductory survey of federal, state and local criminal justice systems including police, courts, prosecutor, Grand Jury, trial jury, probation, parole, and correctional system. Gives beginning students broad overview of role of criminal justice in a free society and provides foundation for all other courses in the program. Emphasizes importance of ethics in criminal justice system. No prerequisite.

CRJ103 A-E-G / 3 cr. hrs.

SUBSTANTIVE CRIMINAL LAW

Study of prescriptive and proscriptive substantive criminal law. Considers in detail role of law in a free society, provisions of Uniform Penal Code as well as other state and local substantive laws, case illustrations of these laws, and impact of federal and state court decisions on enforcement of substantive laws by police. No prerequisite.

CRJ105 A-E-G / 3 cr. hrs.

POLICING: AN INTRODUCTION TO LAW ENFORCEMENT

Introduction to philosophy, role and operations of police and other law enforcement agencies in our society. Includes historical analysis of policing, its culture, and its relationship to law and community. Examines complex problems police face in their mission to enforce the law while providing services in democratic society. Impact of computer and other technological advances on policing also examined. Emphasis on police ethics throughout course. No prerequisite.

CRJ107 A-E-G / 3 cr. hrs.

EVIDENCE AND PROCEDURAL LAW

Study of rules of evidence and Uniform Criminal Procedure Law as they apply to criminal court cases. Considers relationship of rules of evidence and fair procedural laws to justice in a democratic society, effect of federal and state court decisions on procedural law, evidentiary and procedural requirements for proper presentation of cases in court, and role of the police officer as a witness in court. No prerequisite.

CRJ109 A-E-G / 3 cr. hrs.

INTRODUCTION TO CORRECTIONS

Analysis of role of the correctional sub-system within the criminal justice system with an examination of the history and philosophy of corrections; nature and problems of the institutional system; probation, parole and other community-based alternatives to institutionalization; legal and ethical problems of the system; and an evaluation of the effectiveness of the system in reducing crime through deterrence and rehabilitation. No prerequisite.

- CRJ111** **CRIMINALISTICS** **A-E-G / 3 cr. hrs.**
Applications of forensic science to investigation of crime. Studies in detail supportive role of the criminalist in assisting the investigator and proper collection and processing of a variety of physical evidence and its preparation for presentation at the criminal trial. Cases from federal, state and local police laboratories are used to illustrate basic principles. No prerequisite.
- CRJ201** **HUMAN RELATIONS AND CRIMINAL JUSTICE** **A-E-G / 3 cr. hrs.**
Study of complex relationship between criminal justice system and people in the community. Considers constitutional liberties of all citizens and role of agencies of criminal justice in respecting and protecting those liberties; behavioral manifestations of economic, social and political problems in the community and criminal justice response to such activities; and need for and methods of developing a constructive community relations program in the criminal justice agency. No prerequisite.
- CRJ202** **INTRODUCTION TO PROBATION AND PAROLE** **A-E-G / 3 cr. hrs.**
Introduction to the theory and practice of probation and parole as alternatives to incarceration. Examines the roots of current social and political controversies in these fields. It includes an analysis of the processes and procedures of probation and parole. Also analyzes involvement of specialized private agencies and factors that impact on the imposition and revocation of probation and parole. Various career options are assessed. No prerequisite.
- CRJ203** **INTRODUCTION TO PRIVATE SECURITY** **A-E-G / 3 cr. hrs.**
Provides overview of private security in U.S. Examines principles, methods and techniques used by the industry. Also focuses on internal security, proprietary policy, civil liability, risk management and analysis, legal powers and limitations, loss prevention and security surveys. Special emphasis on ethics in private security throughout course. No prerequisite.
- CRJ204** **INTRODUCTION TO COMPUTER CRIME** **A-E-G / 3 cr. hrs.**
Study of nature and extent of computer-related crime, laws affecting computer use, computer security and access, techniques used to uncover and prevent computer-related fraud, and current and future role of law enforcement in this area. Overview of emerging issues of privacy and Electronic Communications Privacy Act as it pertains to activities of law enforcement in area of evidence recovery. No prerequisite.
- CRJ205** **INTRODUCTION TO CRIMINAL INVESTIGATIONS** **A-E-G / 3 cr. hrs.**
Introduction to procedures and techniques of criminal investigations. Provides overview of history of investigations, role of investigators and rules of evidence. Examines techniques for crime scene preservation, processing of evidence, surveillance, and undercover operations. Students identify and discuss information and research sources, write reports and learn case management skills. Role of computers and other advanced technology in criminal investigations also explored. No prerequisite.
- CRJ206** **ORGANIZED CRIME** **A-E-G / 3 cr. hrs.**
Overview of organized criminal activity in United States. Examines history of organized crime and various activities, both legal and illegal, in which organized criminal enterprises become involved. Analyzes role of law enforcement in combating organized crime as well as reciprocal influence organized crime has on politicians, media and public perception. No prerequisite.
- CRJ207** **JUVENILE JUSTICE** **A-E-G / 3 cr. hrs.**
Study of nature and causes of juvenile delinquency and methods and techniques of police and other community agencies in dealing with juvenile misconduct. Also deals with role of substantive and procedural law and nature of the court and correctional system as they relate to the younger offender, as well as role of police in preventing and reducing crime through management of an effective juvenile aid program. No prerequisite.
- CRJ208** **TERRORISM AND LAW ENFORCEMENT** **A-E-G / 3 cr. hrs.**
This course provides a basic understanding of terrorism and how it affects us as a country and as individuals. More specifically, the course creates a foundation for students seeking information concerning why and how terrorists function, methods for combating terrorism and the fear associated with it, homeland protection, prevention strategies, and the effects of terrorism on the balance between collective and individual rights. No prerequisite.
- CRJ209** **CRIMINAL JUSTICE CAPSTONE COURSE** **A-E-G / 1 cr. hrs.**
Forum for graduating Criminal Justice majors to synthesize and display knowledge expected after completing all core courses in program. Limited to twelve to fifteen students, seminar focuses on discussion of individual research assignments documented with written and oral report. Includes multiple choice examination based on Criminal Justice program's student learning outcomes. Prerequisite: or concurrent registration: CRJ101, CRJ103, CRJ105, CJ107, CRJ109 (15 credits).

Note: All Criminal Justice students enrolling in Suffolk County Community College beginning September 2004 must take the Capstone course prior to graduation.

CRJ215‡ A-E / 3 cr. hrs.

CRIMINAL JUSTICE INTERNSHIP

Integrates criminal justice theory with practical application. Provides opportunity to participate in observational and work assignments with governmental agencies and private businesses. Requires minimum of 90 hours of field work, attendance at weekly seminar for one hour and fifteen minutes, and individual conferences between student and instructor. Prerequisite: CRJ101, 2.5 GPA or better and a matriculated student in CJPA-AS program.

CRJ295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN CRIMINAL JUSTICE

Special and current topics in Criminal Justice may be available. See the online catalog for a complete listing.

CULINARY ARTS

CUL101 E / 1.5 cr. hrs.

HOSPITALITY FRESHMAN SEMINAR

Explores career opportunities and challenges that exist in many areas of the hospitality industry. Discusses contemporary management issues including diversity, retention, harassment and TQM leadership. Develops an appreciation for self awareness, problem solving, critical thinking and time management techniques that will aid the student both in the classroom and in the work place. No prerequisite.

CUL111 E / 3 cr. hrs.

SANITATION

Latest developments and procedures for food safety and sanitation. Subjects include current governmental standards and emerging issues, contamination and foodborne illnesses, establishing food safety system, cleaning and sanitizing, accident prevention, sanitation regulations and food protection. Students also get training in implementing Hazard Analysis Critical Control Point (HACCP) system of food safety, the cutting edge system which is rapidly becoming industry's system-of-choice. Students currently employed in food service who complete this course receive a Suffolk County Food Manager's Certificate valid for three years. Corequisites: CUL114 and CUL115.

CUL112 E / 4 cr. hrs.

HOSPITALITY COST CONTROLS

For any restaurant the key to profits is control. Course presents accounting procedures necessary to maintain profitable business. Topics include control areas of purchasing, receiving, storing, production, serving and appropriate computer application. Upon completion students are able to use these procedures to produce faculty-instructed restaurant projects. Prerequisite: ACC101.

CUL113‡ E / 3 cr. hrs.

WINE AND BEVERAGE MANAGEMENT

Provides complete understanding of setting up successful beverage operation, from layout and design to practical hands-on application and formulation of making wide selection of drink recipes. Examines differences among fermented beverages, distilled spirits, great wines and beers, and proper storage procedures. Culminates in development of successful beverage marketing program. No prerequisite.

CUL114‡ E / 4 cr. hrs.

CULINARY ARTS I

Principles and practices necessary to effectively perform in management position in food service industry. Flow of food through commercial food service operation including purchasing, receiving, storing, fabrication, production and service is examined. Upon successful completion of course students are able to understand basic cooking principles and apply them through the standard recipe and menu. Development of effective and efficient managerial skills for commercial or institutional kitchen presented and practiced. (3 hrs. lecture, 3 hrs laboratory) Corequisite: CUL111.

CUL115‡ E / 4 cr. hrs.

BAKING AND PASTRY ARTS I

Introduces techniques necessary to produce delicious pastries, yeast bread doughs, quick breads, doughnuts, specialty cookies and custards, and assembling and decorating cakes. Lecture combined with hands-on application enables students to develop necessary skills to produce specialty baked products that incorporate proper texture, flavor and presentation to be served in restaurant setting. Corequisite: CUL111.

CUL116 E / 3 cr. hrs.

DINING ROOM MANAGEMENT

Service aspect of food service management. History and styles of service used in hotel and restaurant industry, determination of customer needs, and control and service of beverages are examined. No prerequisite.

CUL120 E / 3 cr. hrs.

HOSPITALITY MARKETING

The hotel/restaurant/tourism business is marketing. It is essential to determine what customers want and provide it to them when they want it. Furthermore, it must be all wrapped up in a beautiful package at a reasonable price. Students learn intangible nature of hospitality products and importance of positioning, targeting and image development. No prerequisite.

CUL132 E / 3 cr. hrs.

HOSPITALITY SUPERVISION

Management's role in leadership is ongoing in a hospitality operation. Introduces students to current management techniques, including employee empowerment, cultural diversity, high-performance teams, service strategies, conflict management, and strategic career planning. No prerequisite.

CUL211‡ E / 1 cr. hrs.**AMERICAN REGIONAL CUISINE ARTISTRY**

Explores development of traditional American cuisines which include melting pot of flavors, indigenous ingredients and multicultural influences. Teaches how to produce grand buffet arrangements, cold canapés, fresh fruit and vegetable decorations that are unique to specific regions of United States, including the southeast, southwest, mid-Atlantic, midwest, New England and northwest regions. Lecture, demonstrations and hands-on production techniques stressed. Prerequisite: CUL114.

CUL212‡ E / 1 cr. hrs.**SAVORY FRENCH CUISINE**

Presents classic French preparation methods that have transformed world's cuisines. Combines classical techniques with lighter, simpler and more adaptable preparation methods needed for service in today's restaurant. Hands-on course in which recipe production, menu review and French terminology are discussed. Prerequisite: CUL114.

CUL213‡ E / 1 cr. hrs.**EXOTIC ASIAN CUISINE**

Presents overview of preparation techniques regarding Japanese, Chinese, Thai, Korean and Vietnamese cuisines. Emphasis placed on seasonings, special ingredients and technical use of preparation equipment. Through hands-on applications, class discussion and lecture, students gain working knowledge of this regional style. Prerequisite: CUL114.

CUL214‡ E / 1 cr. hrs.**MEDITERRANEAN CUISINE**

Explores cuisine of Mediterranean regions of Egypt, Spain, Turkey, France, Italy, Liberia, Morocco and Algeria. Hands-on recipe preparation incorporates each region's history, native ingredients and special cooking techniques. Through discussion, lecture and hands-on preparation students learn differences and similarities among various Mediterranean cooking styles. Prerequisite: CUL114.

CUL217‡ E / 3 cr. hrs.**BAKING AND PASTRY ARTS II**

Hands-on course teaching proper use of yeasts, starters, mixing methods, and proofing procedures necessary for production of fresh quality bread. Topics include the production of artisan breads, flatbreads, braided breads, baguettes, as well as French, Italian, and other specialty breads. Prerequisite: CUL115 or permission of the instructor.

CUL218‡ E / 4 cr. hrs.**BAKING AND PASTRY ARTS III**

Develops proper skills necessary for the production and decoration of cakes, from simple layer to elegant wedding cakes. Includes instruction in proper decorating techniques and in the production of icings, pastry creams, mousses, soufflés, tarts, gateaux, and pastries. Prerequisite: CUL115 or permission of the instructor.

CUL219‡ E / 4 cr. hrs.**ADVANCED PASTRY ARTS IV**

Presents proper methods of working with chocolate for display and plate presentation. Hands-on topics include the production of pulled sugar flowers and centerpieces, marzipan-shaped fruits, pastillage, and nougatine edibles. Upon completion, students are able to produce special instructor-directed projects made from pulled sugar, chocolate, and marzipan. Prerequisite: CUL115 or permission of the instructor.

CUL228‡ E / 3 cr. hrs.**GARDE MANGER**

Explores the art and craft of the cold kitchen, where buffet platter decoration and presentation take the center stage. Learn hands-on techniques for preparing smoked meat and fish platters, pates, terrines, mousses, galantines, and the making of great sausage or charcuterie. (1 hr. lec., 6 hrs. lab.) Prerequisite: CUL114 or permission of instructor.

CUL240‡ E / 4 cr. hrs.**CULINARY ARTS INTERNSHIP/ COOPERATIVE EDUCATION**

Supervised on-the-job training in establishment representative of hospitality industry. Students work 200 hours in their placement, attend on-campus weekly seminar and maintain journal. Taken during summer semester after completion of first and second semester program requirements. Registration in this course requires that students purchase liability insurance through the college. Prerequisite: CUL111, CUL112, CUL113 and CUL114.

CUL250 E / 2 cr. hrs.**HOSPITALITY CAPSTONE COURSE**

Capstone course requiring students to apply theoretical and practical knowledge under an individualized faculty-supervised hospitality project. Project incorporates students' specific areas of expertise, including culinary arts, recipe development, concept development, marketing strategies, beverage management and profitability analysis. Completed project to be thoroughly researched, written and presented orally both to faculty and students. Prerequisite: CUL112, CUL113, CUL115, and CUL116.

DIETETIC TECHNICIAN**DTE101‡** E / 4 cr. hrs.**INTRODUCTION TO NUTRITION**

Introduction to basic nutrition in which study of nutrients and food is applied to making intelligent food choices. Lab allows students to apply math and reading skills to various areas of dietetics and nutrition practice. Prerequisite: Minimum grade of C required to advance to next course in DTE sequence. (3 hrs. lecture, 4 hrs laboratory.)

Dietetic Technician

DTE103 E / 3 cr. hrs.

NUTRITION EDUCATION FOR DIETETIC PRACTITIONERS

In order to educate clients and facilitate change in their eating behavior, dietetic practitioners must be effective communicators. This course helps students improve their success as dietetic technicians by focusing on communication skills, education principles, interviewing, counseling, behavior modification, and evaluating group and individual instruction. Consideration given to effects of socioeconomic and cultural factors in relation to making food choices. Prerequisite: Minimum grade of C required to advance to next course in DTE sequence.

DTE121‡ E / 5 cr. hrs.

INTRODUCTION TO CLINICAL NUTRITION

Review of nutrients from perspective of their absorption, digestion, metabolism and interaction. In clinical, students apply principles of nutrition including diet history, food intake studies, national nutrition guidelines, and menu planning and modification. Requires purchase of liability insurance through the college. (3 hrs. lecture, 90 hrs. clinical.) (*Offered spring semester only.*) Prerequisite: DTE101 with grade of C or higher. Corequisite: DTE122. Minimum grade of C required to advance to next course in DTE sequence.

DTE122 E / 3 cr. hrs.

NUTRITION THROUGH THE LIFE CYCLE

As nutrition educators, dietetic technicians must be knowledgeable about nutritional needs of individuals of all ages, genders, cultural backgrounds and activity levels. Course conveys information to be used by students in their professional roles as nutrition educators. Consideration given to community programs which provide nutritional support to those in various age groups; special needs related to exercise, stress and energy balance; consumer concerns about foods; and issues of domestic and world hunger. (*Offered spring semester only.*) Prerequisite: Grade of C or higher in previous DTE courses; DTE101 recommended; corequisite: DTE121. Minimum grade of C required to advance to next course in DTE sequence.

DTE201 E / 3 cr. hrs.

INTRODUCTION TO FOOD SERVICE

Survey course introducing the variety of foods available, menu planning, purchasing and preparation. Topics include food measurement, legislation, safety and sanitation, preparation techniques for nutritional adequacy, and food acceptability. Food labs held in kitchen. Minimum grade of C required to advance to next course in DTE sequence. (*Offered fall semester only.*) No prerequisite.

DTE203 E / 2 cr. hrs.

DIETETICS SEMINAR

Orientation to dietetics, professional organizations, ethical issues related to dietetics practice and career and educational opportunities. Multicultural differences regarding nutritional needs and food choices are explored. (*Offered spring semester only.*) Prerequisite or corequisite: DTE211 with grade of C or higher.

DTE205‡ E / 7 cr. hrs.

ADVANCED CLINICAL NUTRITION

Considers rationale and characteristics of selected therapeutic diets, their application, planning, calculation and menu adjustment. (3 hrs. lecture, 132 hrs. clinical, 48 hrs. field work.) Purchase of liability insurance through the college is required. (*Offered fall semester only.*) Prerequisite: DTE121 with grade of C or higher. Minimum grade of C required to advance to next course in DTE sequence.

DTE211‡ E / 3 cr. hrs.

FOOD SERVICE MANAGEMENT

Relates to functions of food service manager regarding policies and procedures; food procurement, preparation and service; sanitation and safety in quality food preparation; interaction and communication of food service personnel with others; personnel functions, cost control and budget implementation; layout and design of kitchen equipment; and use of computerized data processing systems. Registration in this course requires that students purchase liability insurance through the college. (*Offered spring semester only.*) Prerequisite: DTE201 and DTE205 with grade of C or higher; corequisite: DTE213.

DTE213‡ E / 5 cr. hrs.

FOOD SERVICE MANAGEMENT FIELD EXPERIENCE

Under direction of fieldwork instructor, student has hands-on experience in all aspects of food service management at a local health care facility (1 hr. lecture, 180 hrs. field experience). Requires purchase of liability insurance through the college. (*Offered spring semester only.*) Prerequisite or corequisite: DTE211 with grade of C or higher.

DTE295 E / 3-4 cr. hrs.

SPECIAL TOPICS IN DIETETIC TECHNICIAN

Special and current topics in Dietetic Technician may be available. See the online catalog for a complete listing.

DRAFTING

DRF111‡ A / 3 cr. hrs.
MECHANICAL DRAFTING

Introductory course designed to develop basic skills and knowledge fundamental to all areas of engineering and architectural drawing. Included are orthographic projection, pictorial drawing, dimensioning and sectioning practices, as well as geometric construction, use of instruments, lettering and inking. Lab work includes examples from mechanical, architectural and electrical construction and engineering graphics. (2 hrs. lecture, 3 hrs. laboratory.) No prerequisite.

DRF114‡ A / 3 cr. hrs.
AUTOCAD I

Trains students in use of AUTOCAD system. Topics include edit and inquiry commands, display controls, system libraries, attribute utilization and customizing techniques. (2 hrs. lecture, 3 hrs. laboratory.) No prerequisite.

DRF217‡ A / 3 cr. hrs.
**ARCHITECTURAL DRAFTING:
 RESIDENTIAL**

Basic residential planning, including floor plans, elevations, sections and perspective drawings. Selected specific topics are produced using computer-assisted drafting system. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DRF114 or permission of department.

DRF218‡ A / 3 cr. hrs.
**ARCHITECTURAL DRAFTING:
 PRESENTATIONS**

Aesthetic design of simple structures. Topics include site plans, perspective, modeling and rendering techniques, and use of computer-assisted drafting system. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DRF217.

DRF219‡ A / 3 cr. hrs.
**ARCHITECTURAL DRAFTING:
 STRUCTURAL**

Design of industrial and commercial structures, including structural steel and reinforced concrete working drawings. Utilization of computer-assisted drafting system for preparation of drawings is included. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DRF217.

DRF220‡ A / 3 cr. hrs.
AUTOCAD II

Enhances or upgrades skills in application of AUTOCAD software. Covers advanced operations from polylines through 3D drawing to rendering. Students learn to create professional drawings and presentations including slide shows and walk-throughs. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DRF114 or permission of department.

DRF223‡ A / 3 cr. hrs.
**INTRODUCTION TO 3D MODELING,
 RENDERING AND ANIMATION**

Hands-on introduction to 3D design, presentation and animation potential of 3D Studio Max and AutoCAD. Students learn fundamental 3D CAD skills necessary to create basic 3D models, renderings and animations and gain broad understanding of software's capabilities to see how they might take full advantage of these powerful design and communication tools. During class each student has exclusive use of a state-of-the-art computer and is guided through a series of short tutorial projects. Students learn how to create wire frame, surface and solid models; apply lighting and materials; create renderings and animations such as an architectural walk through, forensic reenactment or artistic expression. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DRF114 or permission of instructor.

DRF295 A-E-G / 3-4 cr. hrs.
SPECIAL TOPICS IN DRAFTING

Special and current topics in Drafting may be available. See the online catalog for a complete listing.

**EARLY CHILDHOOD EDUCATION /
 EDUCATION**

EDU101 A-E-G / 3 cr. hrs.
**FOUNDATIONS OF EARLY CHILDHOOD
 EDUCATION**

Overview of early childhood education theory, history, philosophy and psychology. Current issues also examined and critiqued. Includes 10 hours of field visits to various early childhood programs. No prerequisite.

Note: This course is open to all students and can be used as an unrestricted elective in the Liberal Arts and Sciences: General Studies Program.

EDU102 A-E-G / 3 cr. hrs.
CURRICULUM FOR YOUNG CHILDREN I

This course covers curriculum development, including activity plans, with an emphasis on the curriculum areas of math, science, and social studies. Principles of developmentally appropriate practice will be presented and applied to building a curriculum which is integrated, child-centered, and process-oriented. Includes 7 hours of field visits to various early childhood programs. Prerequisite or corequisite: EDU101 or permission of appropriate administrator.

Note: This course is open to all students and can be used as an unrestricted elective in the Liberal Arts and Sciences: General Studies Program.

EDU103 A-E-G / 3 cr. hrs.**CURRICULUM FOR YOUNG CHILDREN II**

This course covers the practice of curriculum development, including activity plans, with a particular emphasis on the curriculum areas of visual arts, music, movement, and language arts. Principles of creativity and developmentally appropriate practice will be presented and applied to the question of how to build a curriculum which is integrated, child-centered, and process-oriented. Includes 3 hours of field visits to an early childhood program. Prerequisite or corequisite: EDU101 or permission of appropriate administrator.

Note: This course is open to all students and can be used as an unrestricted elective in the Liberal Arts and Sciences: General Studies Program.

EDU113 A-E-G / 3 cr. hrs.**INFANTS AND TODDLERS: PROGRAMS AND CARE**

Study of programs, curriculum and care of children ages 6 weeks through the second year who are in group care settings. Appropriate techniques for fostering emotional, physical, social and cognitive development of the very young are examined. Field visits to infant and toddler programs required as in EDU101. No prerequisite.

EDU201 A-E-G / 3 cr. hrs.**INTRODUCTION TO EDUCATION**

Focuses on foundations of educational system in U.S. Students study the school in relation to historical and philosophical premises of education; analyze relationship among social and cultural influences on school and curriculum; examine role of teacher within cultural context; and study physical organization of schools and classrooms in relation to educational goals and curriculum. Prerequisite: Matriculation in the Education (Child Study) curriculum (EDCS-AA) or any Adolescence Education curriculum with successful completion of 30 or more credits or permission of appropriate administrator. Non-majors with 30 credits may enroll with permission of appropriate administrator.

EDU211‡ A-E-G / 3 cr. hrs.**EARLY CHILDHOOD SEMINAR AND PRACTICUM I**

Examination of role of early childhood professional in educational setting and in relationships with children, parents, staff and teachers. Fosters development of observational skills and instructional techniques. Registration in course requires students to purchase liability insurance through the college. (2 hrs. lecture, 3 hrs. practicum.) (*Offered fall semester only.*) Prerequisite: EDU102 or EDU103.

EDU221‡ A-E-G / 4 cr. hrs.**EARLY CHILDHOOD SEMINAR AND PRACTICUM II**

Study of the young child's development of self-image and his/her perception of life, death and family roles. Registration in this course requires students to purchase liability insurance through the college (2 hrs. lecture, 6 hrs. field work.) (*Offered spring semester only.*) Prerequisite: EDU211.

EARTH AND SPACE SCIENCE**ESC101‡** A-E-G / 4 cr. hrs.**INTRODUCTION TO GEOLOGY**

Study of Planet Earth, its origin, structure, composition and the forces which shape its surface. Plate tectonics provides framework for understanding processes of volcanism, mountain building and earthquakes. External forces such as glaciers, streams and ocean waves are examined in order to interpret the landscape. Laboratories include studies of minerals, rocks, maps, photographs and other materials used by geologists to study the earth. Some field work required. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

ESC102‡ A-E-G / 4 cr. hrs.**EVOLUTION OF EARTH AND LIFE**

Introduction to evolutionary aspects of geology, development of continents, mountains and basins through the ages, and the parallel evolution of plants and animals. Laboratory stresses fossil relationships and stratigraphic problems. May include field trips. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

ESC124‡ A-G / 4 cr. hrs.**ENVIRONMENTAL GEOLOGY**

Topics include current environmental issues relating to geologic environment. Topics covered will include geologic hazards, land use planning and development, surface and subsurface water systems, solid waste disposal and management, energy sources and consumption. May include field trips and attendance at town planning board meetings. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent.

ESC251 A / 1-4 cr. hrs.**GEOLOGICAL FIELD STUDIES**

Familiarizes students interested in geology with field methods in various geologic environments. Topographic maps and serial photos are used in conjunction with study of stratigraphic sections and structural relationships. Fossil assemblages, weathering and erosional features are studied. Credits vary with duration of course. (Travel expenses are responsibility of the student.) Prerequisite: ESC101.

ESC295 **SPECIAL TOPICS IN EARTH SCIENCE** A-E-G / 3-4 cr. hrs.
 Special and current topics in Earth Science may be available. See the online catalog for a complete listing.

ESC296 **HONORS SPECIAL TOPICS IN EARTH SCIENCE** A-E-G / 3-4 cr. hrs.

Honors special topics courses in Earth Science may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

ECONOMICS

ECO101 **CURRENT ECONOMIC ISSUES** A-E-G / 3 cr. hrs.

Introduces use of economic methods for understanding social and political events dominating news headlines. Crime, health care, poverty and taxes are issues important in our daily lives and may serve as topics in developing the course. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences.

ECO111 **MACROECONOMICS: THE NATIONAL ECONOMY** A-E-G / 3 cr. hrs.

Course begins with simplified description of a complex matter: how and how well does a national economy work? Over short periods of time, production and employment are known to be volatile, while over longer periods of time production and employment grow. Why is each of these observations true and what is role of government (if any) in the process? No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences.

ECO112 **MICROECONOMICS: PRICES AND MARKETS** A-E-G / 3 cr. hrs.

Introduces structure and operation of markets for goods, resources and financial instruments. How does a market determine the price for a good? Within a market, how does the firm determine its profit-maximizing production level of a good and employment level of labor? How does competitiveness of the market affect behavior of the firm? Under what circumstances (if any) should government alter decisions of the marketplace? No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences.

ECO295 **SPECIAL TOPICS IN ECONOMICS** A-E-G / 3-4 cr. hrs.

Special and current topics in Economics may be available. See the online catalog for a complete listing.

ECO296 **HONORS SPECIAL TOPICS IN ECONOMICS** A-E-G / 3-4 cr. hrs.

Honors special topics courses in Economics may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

ELECTRICAL ENGINEERING TECHNOLOGY

ELT112‡ **ELECTRICITY I** A / 4 cr. hrs.

Fundamental laws of electricity as applied to solution of resistive circuits with any excitation. Laboratory portion enables students to gain practical experience in use of test equipment and procedures while verifying principles learned in the lecture.(3 hrs. lecture, 2 hrs. laboratory.) Corequisite: MAT111.

ELT113‡ **DIGITAL ELECTRONICS I** A / 4 cr. hrs.

Introduction to digital electronics. Topics include number systems and codes, Boolean algebra, and combinatorial and synchronous circuits. Laboratory portion of course emphasizes implementation of concepts developed in the lecture and trouble-shooting techniques. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: Admission to Electrical Technology program. Corequisites:MAT111, ELT112, and ELT115.

ELT115‡ **TECHNICAL PROBLEM SOLVING** A / 1 cr. hrs.

Practical methods of solving technical problems are explored. Flowcharting and computer programming skills are developed as tools in the problem solving process. (2 hrs. laboratory.) Prerequisite: admission to Electrical Technology program. Corequisites: MAT111, ELT112, and ELT113.

ELT150‡ **THE WORKINGS OF PERSONAL COMPUTERS** A / 3 cr. hrs.

Teaches basics of personal computers, both software and hardware orientation. Hardware orientation taught through disassembly and assembly of personal computers in hands-on lab experience. Software taught in lecture format with some in-class computer work. Students also learn how to deal with upgrades in both hardware and software and problems encountered with them. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite.

ELT151‡ **CISCO COMPUTER NETWORKING I** A-G / 4 cr. hrs.

Covers CISCO Program I and II in one semester. Introduces OSI layers and LAN implementation. First half of semester covers OSI seven-layer model. Second half of semester dedicated to router configuration and five router LAN implementation. Students acquire knowledge to set up and maintain a local network. (3 hrs. lecture, 3 hrs. laboratory.) No prerequisite.

ELT152‡ **A-G / 4 cr. hrs.**

CISCO COMPUTER NETWORKING II

Second of two-semester sequence in Local and Wide area networking. Building on knowledge gained from ELT151, course uses hands-on laboratory exercises and threaded case studies to train students in skills needed to design, build and maintain small to medium-size computer networks, enabling students to enter workforce and/or further their education and training in computer networking field. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: ELT151.

ELT221 **A / 1 cr. hrs.**

ELECTRONIC APPLICATIONS OF MATHEMATICS

Explores mathematical theory applied to electronic circuits. Creation of sinusoidal functions through filtering, exponential waveforms in R-C and R-L circuits, phase shifting, wave-shaping and function analysis via diode and transistor circuits. Application of complex numbers in R-L-C circuits. (2 hrs. lecture.) No prerequisite.

ELT222‡ **A / 4 cr. hrs.**

ELECTRONICS I

Operation and application of diodes, bipolar and field effect transistors and thyristors. Laboratory portion illustrates use of electronic equipment to test ideas presented in the lecture. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT111, ELT112, and ELT115. Corequisites: MAT124 and ELT224.

ELT224‡ **A / 4 cr. hrs.**

ELECTRICITY II

The understanding of network analysis techniques learned in Electricity I is reinforced and extended to solution of networks with AC excitations. Topics emphasized include impedance, admittance, resonance and frequency response, transformers, power relations and 3-phase systems. Computers used as a problem-solving tool. Objective of the laboratory is to illustrate use of appropriate electronic equipment for testing of principles presented in the lecture. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: ELT112, ELT115, and MAT111. Corequisite: MAT124.

ELT227‡ **A / 1 cr. hrs.**

ELECTRICAL CONSTRUCTION

Introduction to general principles and practices of troubleshooting. Topics include design and construction of printed circuit boards. Construction of electronic circuits and systems. (2 hrs. laboratory.) Prerequisite: ELT112, ELT113, and ELT115. Corequisite: ELT222, and ELT224.

ELT228‡ **A / 3 cr. hrs.**

DIGITAL ELECTRONICS II

Microprocessors and associated circuitry are examined. Topics include architecture, peripheral devices and software. Laboratory portion deals with application of concepts learned in the lecture to practical working systems. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: ELT112, ELT113, ELT115, and MAT111. Corequisite: ELT222.

ELT231 **A / 4 cr. hrs.**

ELECTRICITY III

Methods of applying mathematical techniques to electrical and electronic circuits. Topics include voltage and current in RLC circuits with various excitations, energy in electrical circuits, instantaneous and average power, etc. (4 hrs. lecture.) Prerequisite: MAT124, ELT222, and ELT224.

ELT236‡ **A / 3 cr. hrs.**

ELECTRONICS II

Develops a thorough understanding of electronic circuit analysis techniques. Topics include study of circuits with the following emphases: multi-stage cascaded systems, frequency response, voltage comparators, Schmitt Trigger circuits and saturated and cutoff transistors. Integrated circuits are analyzed. Laboratory portion investigates practical aspects of topics covered in the lecture. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: ELT222 and ELT224. Corequisite: ELT231.

ELT238‡ **A / 3 cr. hrs.**

DIGITAL ELECTRONICS III

Microprocessor and computer interfacing and introduction to 16 bit microcomputers. Included are computer-controlled test equipment techniques. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: ELT222 and ELT228. Corequisite: ELT236.

ELT241‡ **A / 3 cr. hrs.**

ANALOGUE COMMUNICATIONS

Introduction to analogue communication techniques such as AM, FM and pulse code modulation. Public and private communication techniques examined in reference to ISDN, video, cellular, ATM and wireless techniques. Transmission mediums and techniques utilizing fiber, cable, RF, microwave and satellite studied in depth. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: ELT231 and ELT236.

ELT242‡ **A / 3 cr. hrs.**

DATA COMMUNICATIONS

Examines data communication systems and techniques such as multiplexing, coding, PSK and others. Explores current technology as well as proposed technology in data communications. Covers how information is transmitted utilizing current digital techniques. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: ELT231 and ELT236.

ELT243‡ **A / 3 cr. hrs.**

ADVANCED ELECTRONICS

Capstone course where students are evaluated in equipment setup and usage, trouble-shooting skills, team building and communication skills. Students given projects to design, build and demonstrate, including amplifiers, wireless communication circuits/systems, and signal generation circuits. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: ELT231, ELT236, and ELT238.

ELT295 **A-E-G / 3-4 cr. hrs.**

SPECIAL TOPICS IN ELECTRICAL ENGINEERING TECHNOLOGY

Special and current topics in Electrical Engineering Technology may be available. See the online catalog for a complete listing.

ENGINEERING SCIENCE

ENS112‡ **A / 2 cr. hrs.**

INTRODUCTION TO ENGINEERING DESIGN

Explores basic electronic design principles and system design approaches through construction and measurement of specific systems/projects. Projects incorporate various engineering disciplines with learning analysis techniques utilizing hands-on design and simulation software. Students learn basics of team-building, problem-solving, individual, and group dynamic communication skills. Each project constructed, tested, and presented by the group. (1 hr. lecture, 2 hrs. laboratory.) Corequisite: MAT141.

ENS117 **A / 3 cr. hrs.**

ENGINEERING COMPUTATIONS

Introductory course in use of computers for solving engineering problems. Principle emphasis on formulation of problems and their solutions within framework of the C programming language. (3 hrs. lecture.) Prerequisite: Admission to Engineering program.

ENS118 **A / 3 cr. hrs.**

ENGINEERING MECHANICS: STATICS

Application of Newtonian mechanics to equilibrium of particles and rigid bodies, vector representation of forces in two and three dimensions, moment of a force about a point or axis; centroids and moment of inertia, laws of dry friction, and force analysis of simple structures. (3 hrs. lecture.) Prerequisite: MAT142 and PHY130.

ENS119 **A / 3 cr. hrs.**

ENGINEERING MECHANICS DYNAMICS

Continuation of application of Newtonian mechanics to particles and rigid bodies in motion; rectilinear and curvilinear motion of particles; time-rate of change of linear momentum; angular momentum work of a force and kinetic energy; kinematics and kinetics of rigid bodies; plane motion; rigid body dynamics; and mechanical vibrations. (3 hrs. lecture.) Prerequisite: ENS118.

ENS233‡ **A / 4 cr. hrs.**

ELECTRICAL ENGINEERING CIRCUIT ANALYSIS

Introduction to electrical networks and devices in both DC and AC systems. Introduces analysis techniques such as Kerchief's current and voltage laws, Ohm's law, superposition reciprocity, Mesh and Nodal analysis, and Thevenin and Norton theorems. Components and circuits include resistors, capacitors, inductors, R-L, R-C and R-L-C circuits. Topics include sinusoidal steady-state response, resonance, positive real functions, power calculations, Fourier analysis, and transient analysis using Laplace Transforms. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MAT142 and PHY130. Corequisites: MAT204 and PHY230.

ENS295 **A-E-G / 3-4 cr. hrs.**

SPECIAL TOPICS IN ENGINEERING SCIENCE

Special and current topics in Engineering Science may be available. See the online catalog for a complete listing.

ENGLISH

Placement

Incoming students are initially placed in ENG009, ENG010 or ENG101 on the basis of high school records and /or test scores. Some incoming students with superior English grades or test scores may be given advanced placement into ENG201 or another appropriate course.

Course Selection after the First Semester

1. Those students initially placed in ENG009 should take ENG010 as their next course.
2. Those students initially placed in ENG010 should take ENG101 as their next course.
3. For courses after ENG101, students should follow the degree requirements of their curriculum (as listed in the college catalog.)
4. Students who have additional questions about course selection should consult members of the English faculty.

Categories of English Courses

Note: Courses above ENG101 are numbered on the basis of subject matter, not according to degree of difficulty.

- ENG009 Basic English Skills (Developmental)
- ENG010 Developmental Writing (Developmental)
- ENG101 Standard Freshman Composition
- ENG102 Introduction to Literature
- ENG121-125 Technical writing
- ENG170-175, 200 Journalism courses
- ENG131,203-204 Creative writing courses
- ENG107-226 Content and survey courses
- ENG295 Special Topics
- ENG296 Honors Special Topics
- Special Programs The campus writing centers offer students individual attention to their writing.

‡ Course Fee

For up-to-date information on course descriptions, please refer to the SCCC website at www.sunysuffolk.edu

Emphasis and Degree Requirements

Note: The following are general guidelines. For specific degree requirements see the individual curriculum.

1. All students must take ENG101. (The exception is students who receive advanced placement.)
2. All A.A., A.S., and A.A.S. degree programs require at least six credits of English.
3. ENG009 and ENG010 do not fulfill degree or certificate requirements.
4. ENG102 is required for students in the following curricula: Liberal Arts and Sciences: General Studies, Humanities, Social Science; Accounting (A.S.); Business Administration (A.S.); Communications and Media Arts; and Engineering Science.
5. Any English course (ENG designation only) beyond ENG101 can be counted toward the six-credit-minimum English requirement except where a particular emphasis (e.g., Humanities or Social Sciences) requires specific courses (see the individual curriculum.)

ENG009 **A-E-G / 3 hrs.****BASIC ENGLISH SKILLS**

Basic writing course for students who have difficulty organizing and expressing their thoughts clearly, who have problems with usage, or who simply lack much practice in writing. All students receive instruction in both developing and expressing ideas. Work on specific problems of spelling, punctuation and grammatical usage is drawn primarily from students' own writings. Additional work on related exercises may be required. By placement. To be taken in the first semester. Graded on an S-W-U-R basis. Not applicable toward any degree or certificate. No prerequisite.

ENG010 **A-E-G / 3 hrs.****DEVELOPMENTAL WRITING**

Emphasizes basic writing skills, outlining, development of ideas and reading comprehension. Specific topics in grammar, punctuation, spelling, vocabulary and rhetoric are assigned according to needs of the students. To complete the course, students are expected to write short expository papers which show an understanding of fundamentals of organization and effective sentence structure and which avoid gross errors in grammar and mechanics. By placement. To be taken in the first semester unless placed in ENG009. Graded on an S-W-U-R basis. Not applicable toward any degree or certificate. No prerequisite.

ENG101 **A-E-G / 3 cr. hrs.****STANDARD FRESHMAN COMPOSITION**

Explores principles of rhetoric and stresses effective expository writing. Primarily a course in organization of ideas and development of these ideas through use of specific information. Also deals with matters of style, sentence structure, paragraph development, punctuation and vocabulary. Also introduces students to close reading of appropriate materials. By placement. To be taken prior to higher-numbered courses. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Basic Communication.

ENG102 **A-E-G / 3 cr. hrs.****INTRODUCTION TO LITERATURE**

Introduction to imaginative works of literature: the short story, novel, poem and drama. Close and analytical study of this literature introduces students to major literary themes and forms. Continues training in effective prose writing and requires students to demonstrate maturity in thought and style. Recommended for those who plan to continue their studies at a four-year institution. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG119 **A-E-G / 3 cr. hrs.****THE STRUCTURE OF ENGLISH**

Evolution of the English language and syntactical patterns from which English sentences are generated. Particular attention given to traditional, structuralist, and generative-transformational theories of grammar and to pedagogical and sociological assumptions underlying each. Prerequisite: ENG101.

ENG121 **A-E-G / 3 cr. hrs.****TECHNICAL WRITING**

Orientation in field of technical writing and editing. Introduces various forms of technical writing: reports, manuals, publication specifications and standards, proposals, training materials, brochures and technical articles. Mechanics of manuscript preparation and preparation of reproduction-ready copy are discussed in detail, as are activities of various publications departments – editing, layout, printing, quality control, etc. Prerequisite or corequisite: ENG101.

ENG130 **A-G / 3 cr. hrs.****AUTOBIOGRAPHICAL WRITING**

For readers and writers of autobiography. Reading select memoirs and autobiographies, students analyze composing techniques and write their own autobiographical pieces. Substantial writing practice includes approaches to memoir writing such as portraiture, landscape and memory, travel and history. Prerequisite: ENG101.

ENG131 A-E-G / 3 cr. hrs.**CREATIVE WRITING**

Develops control and style in creative writing, specifically of prose fiction, poetry and plays. Students pursue individual projects and assignments of established forms of creative writing. Discussions develop stronger criteria for self-evaluation and enable the creative writer to gauge his or her audience in order to market his or her work. Prerequisite: ENG101.

ENG141 A-E-G / 3 cr. hrs.**INTRODUCTION TO THE NOVEL**

Through close reading of major works, students examine development of the novel from the 18th century to the present. Discussion covers techniques, themes and cultural-historical contexts of the works. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG142 A-E-G / 3 cr. hrs.**INTRODUCTION TO DRAMATIC LITERATURE**

Study of theme, structure, characterization and imagery in representative drama from the Greeks to the Moderns. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG143 A-G / 3 cr. hrs.**MASTERPIECES OF WORLD LITERATURE I**

Study of major works of world literature emphasizing mythological, social, and philosophical backgrounds of Classical, Medieval, and Renaissance periods. ENG143 deals with such authors as Homer, Sophocles, Dante and Cervantes. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG144 A-G / 3 cr. hrs.**MASTERPIECES OF WORLD LITERATURE II**

Study of major works of world literature emphasizing mythological, social, and philosophical backgrounds of late Neo-classical, Romantic, and Modern periods. Such authors as Moliere, Voltaire, Goethe and Tolstoy will be read. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG170 A-E-G / 3 cr. hrs.**INTRODUCTION TO JOURNALISM**

Emphasis on various kinds of journalistic writing. Additional areas of concentration include graphics and design, photo journalism and broadcast journalism. Prerequisite or corequisite: ENG101.

ENG171 A-E-G / 3 cr. hrs.**INTERMEDIATE NEWS AND FEATURE WRITING**

In-depth study of reporting news and writing features, with emphasis on developing sources of news, such as governmental bodies, police stations, courts and boards of education. Emphasis on covering events in municipalities in and around Suffolk County. (*Offered spring semester only.*) Prerequisites: ENG101 and ENG170.

ENG172 A / 3 cr. hrs.**MAGAZINE WRITING AND PUBLICITY**

Prepares students for writing magazine articles and introduces study of public relations. Students learn to write query letters. Includes material on interviewing and developing sources to prepare longer stories for magazine market. Students learn how to prepare and market story for publication. Students write press releases and work on developing publicity campaigns. (*Offered fall semester only.*) Prerequisite: ENG101, ENG170 or permission of instructor.

ENG174 A / 3 cr. hrs.**CONTEMPORARY NONFICTION JOURNALISM**

Current books of nonfiction are read and discussed. Includes selections from books of "New Journalism" as well as nonfiction novels of a narrative and documentary type by such writers as Truman Capote, Joan Didion, Hunter Thompson, Betty Friedan, Jimmy Breslin, Tom Wolfe, Norman Mailer, Gay Talese and Theodore White. ENG102 recommended prerequisite. Prerequisite: ENG101.

ENG175‡ A-E-G / 3 cr. hrs.**JOURNALISM PRACTICUM**

Offers three credits for students who work 30 contact hours per semester on the student newspaper. Includes working on all phases of the newspaper: editing, reporting, feature writing, photography, layout, advertising, editorial writing and sportswriting. Students meet weekly with instructor for evaluation of their work. Registration priority given to students working on student newspaper. Registration in this course requires that students purchase liability insurance through the college. Prerequisites: ENG101, ENG170 or permission of instructor. Course restricted to journalism majors or newspaper staff members.

ENG200 A / 3 cr. hrs.**EDITING AND DESIGN**

The study of editing and design techniques for print and electronic media. Methods for editing and packaging stories will be discussed, as well as design and pagination. Headline writing, caption writing, and typography and their employment in newspaper design will be explored. Use of the Associated Press Style Manual will be emphasized. Prerequisite: ENG101 and ENG170.

ENG201 A-E-G / 3 cr. hrs.**ADVANCED EXPOSITORY WRITING**

Advanced course in writing, emphasizing good organization and forceful expression. Treats various forms of exposition: the personal essay of opinion, introspection, retrospection and experience, and the descriptive essay of observation and analysis. Prerequisite: ENG101.

ENG202 A-G / 3 cr. hrs.**LITERATURE AS FILM**

Examines some of the principal elements shared by literature and film (narration, character development and motivation, choice of setting, symbols and theme) to develop understanding of common factors between the two genres and the realization that when literature is transformed into film it must undergo some fundamental changes which may ultimately alter the text's intent. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities and The Arts.

ENG203 A-E-G / 3 cr. hrs.**ADVANCED CREATIVE WRITING/
FICTION**

Advanced workshop course devoted to writing fiction, with emphasis placed on development of craft, voice and editorial skills. Students submit short stories and / or novel excerpts for review and discussion. Prerequisite: ENG101 and ENG131.

ENG204 A-E-G / 3 cr. hrs.**ADVANCED CREATIVE WRITING/
POETRY**

Advanced workshop course devoted to writing poetry, with emphasis on development of craft, voice and editorial skills. Students submit poems for review and discussion. Prerequisite: ENG101, ENG131.

ENG205 A-E-G / 3 cr. hrs.**CONTEMPORARY LITERATURE**

Study of significant contemporary works which illustrate important themes in modern thought with emphasis on contemporary insights. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG206 A-E-G / 3 cr. hrs.**THE SHORT STORY**

Explores origins and historical development of the short story, its unique characteristics and its relationship to other literary forms. Students read wide variety of short stories from different historical periods. Some authors who may be included are Faulkner, O'Connor, Melville, Poe, O'Henry, Updike, Cheever, Joyce, Hemingway, Welty, de Maupassant, James, Kafka and others. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG207 A-E-G / 3 cr. hrs.**MASS MEDIA**

Study of communication techniques used by mass media in American society: newspapers, periodicals, television, radio, films, the Internet, etc. Prerequisite: ENG101.

ENG208 G / 3 cr. hrs.**THE DOCUMENTARY FILM**

Traces development of documentary film through viewing films, reading critical essays, and discussing and writing about the films. Students analyze films focusing on cinematic elements such as point of view and narrative. Students examine films as statements by individuals living within a particular cultural framework, as instruments of propaganda, as entertainment, and as devices which expand our perspectives of the world around us. Prerequisite: ENG101.

Note: Credit given for ENG208 or CIN156 but not both.

ENG209 A-E-G / 3 cr. hrs.**THE LITERATURE OF THE BIBLE**

Survey of historical, prophetic and poetic literature in the Old and New Testaments with attention paid to historical and cultural context. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG210 A / 3 cr. hrs.**SCIENCE FICTION**

Deals with the future as seen through literature of science fiction. Among themes covered are the effects of science and technology on human beings in a futuristic landscape and the modern mythological journey of the heroine / hero. Among writers included are H.G. Wells, Robert Heinlein, Arthur C. Clarke, Isaac Asimov, Frederick Pohl and Ursula LeGuin. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG211 A-E-G / 3 cr. hrs.**AFRICAN-AMERICAN LITERATURE**

Focuses on major works by black writers and social / historical contexts informing these works. The literature includes slave narratives, essays, autobiographies, poetry, plays and film. Among writers whose works are considered are F. Douglas, L. Brent, W.E.B. DuBois, B. T. Washington, R. Wright, J. Baldwin, G. Brooks, R. Hayden, T. Morrison, A. Walker, A. Wilson, I. Reed and T. McMillan. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG212 A-E-G / 3 cr. hrs.**CONTEMPORARY GLOBAL LITERATURE**

Focuses on contemporary literature from Caribbean, Latin America, North and Sub-Saharan Africa, Middle East, East Asia and Southeast Asia. Prerequisite: ENG101 and ENG102.

Note: Fulfills SUNY General Education Requirement for Other World Civilizations and Humanities.

ENG213 A-E-G / 3 cr. hrs.**ENGLISH LITERATURE I**

Study of major themes and styles in Middle Ages, Renaissance and Age of Reason as they appear in the works of such authors as Chaucer, Marlowe, Shakespeare, Donne, Milton, Swift and Pope. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG214 A-E-G / 3 cr. hrs.**ENGLISH LITERATURE II**

Study of works of such Romantic poets as Blake, Wordsworth, Coleridge, Shelley, Keats and Byron; such major Victorian writers as Bronte and Tennyson; and such 20th century writers as Joyce, Thomas and Beckett. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG215 A-E-G / 3 cr. hrs.**AMERICAN LITERATURE I**

A study of primary trends and themes in literature of American writers from the Colonial Period through the Civil War. Works of such writers as Franklin, Irving, Cooper, Poe, Emerson, Thoreau, Hawthorne, Melville, Whitman and Dickinson are discussed. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG216 A-E-G / 3 cr. hrs.**AMERICAN LITERATURE II**

Study of American literature from end of the Civil War to the present, highlighting such central figures as Twain, Crane, Fitzgerald, Hemingway, Faulkner, O'Neil and Frost. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG217 A-E-G / 3 cr. hrs.**ENVIRONMENTAL LITERATURE**

Focuses on literature that investigates humankind's relationships with natural world. Among writers whose works are considered are H.D. Thoreau, R. Carson, E. Abbey, A. Dillard, W. Berry, H. Beston, W. Heyen, A. Leopold and R. Nelson. Prerequisite: ENG101.

ENG218 G / 3 cr. hrs.**THE HISPANIC VOICE IN AMERICAN LITERATURE**

Focuses on works of modern Hispanic-American writers, including such authors as Pulitzer Prize winners Oscar Hijuelos and Christina Garcia (Cuban-Americans), Piri Thomas and Judith Ortiz Cofer (Puerto Ricans), and Rudolfo Anaya and Sandra Cisneros (Mexican-Americans). As with all fine writers, their work deals with universal and timeless themes common to human condition and reflects their cultural heritage and experience as a minority group living in U.S. Such themes as language, alienation, identity, exile and assimilation, prejudice, cultural and ethnic pride, religion, and family are discussed. There is an important and rising voice in literature of U.S. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG219 A-E-G / 3 cr. hrs.**MODERN LITERATURE**

Study of British, European and American literature of the modern period (up to and including WW II) focusing on such literary developments as naturalism, impressionism, stream of consciousness and existentialism. An attempt is made to view the works in a psychological, historical and sociological context. Writers who may be included in discussion are Dostoevsky, Hesse, Conrad, Mann, Joyce, Kafka, Camus, Yeats, and Faulkner. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG220 A-E-G / 3 cr. hrs.**SHAKESPEARE**

Critical study of representative Shakespearean comedies, tragedies and histories, including examination of the Elizabethan world picture. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG221 A-E-G / 3 cr. hrs.**THE ART OF POETRY**

Study of theme, form and imagery in traditional and contemporary poetry. Prerequisite: ENG101.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG225 G / 3 cr. hrs.**THE DETECTIVE STORY**

Examines development of modern detective story from its origins in mid-19th century to today's popular formats. Explores differing representations of society by "classic British, American and contemporary multicultural writers and critiques the ways in which recent film and weekly TV series attempt to fuse classic motifs with info-age commercialism. Encourages students to become detectives themselves as they research topics for in-class discussions and papers. Prerequisite: ENG101.

ENG226 A / 3 cr. hrs.

LITERATURE OF MAGICAL REALISM

Examines the genre of magical realism, fiction in which the relationship between the ordinary and extraordinary provokes narrative interpretations in relation to the history, cultures, myth, superstition and the politics it represents. This course will analyze ideologies which combine the conflicting perspectives of what is a rational view of reality and what is imaginary. Among writers included are Nikolai Gogol, Gabriel Garcia Marquez, Toni Morrison, Angela Carter, Carlos Fuentes, Isabel Allende and John Cheever. Prerequisite: ENG101 and ENG102.

Note: Fulfills SUNY General Education Requirement for Humanities.

ENG295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN ENGLISH

Special and current topics in English may be available. See the online catalog for a complete listing. Prerequisite: ENG101.

ENG296 A-E-G / 3-4 cr. hrs.

HONORS SPECIAL TOPICS IN ENGLISH

Honors special topics courses in English may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing. Prerequisite: 3.0 GPA in 9 credits of English; ENG101, ENG102.

ENGLISH AS A SECOND LANGUAGE

Note: No ESL course (ESL011-ESL018) awards credit toward a degree.

ESL011‡ A-E-G / 3 cr. hrs.

ESL: COLLEGE READING I

For students whose native language is not English, ESL011 is first of two courses which develop basic English reading skills necessary for content area study required in college. Concentrates on improving reading comprehension by focusing on main idea, vocabulary development, summary skills and critical thinking skills. In addition to class discussion on reading process, students also participate in independent book reading and small group activities. Introduces selections from various academic areas. ESL011 and ESL012 each require minimum of 1 hour per week on selected assignments in Reading Center. Graded on S/W/U/R basis.

ESL012‡ A-E-G / 3 cr. hrs.

ESL: COLLEGE READING II

For students whose native language is not English, ESL012 further develops college-level reading and study skills and examines new concepts and their applications such as English textual patterns. Introduces selections from various academic areas. ESL011 and ESL012 each require minimum of 1 hour per week on selected assignments in Reading Center. Graded on S/W/U/R basis. Prerequisite: ESL011.

ESL013‡ A-E-G / 3 cr. hrs.

ESL: INTENSIVE GRAMMAR I

For students who are not native speakers of English, ESL013 introduces and/or reinforces basic and complex language structures by practicing grammar and syntax through exercises designed to increase language fluency and understanding. Students learn to recognize and effectively use the structures presented through intensive study and practice. ESL014 builds on skills developed in ESL013 and also teaches and analyzes different types of phrases and sentences to determine their correctness and appropriateness. ESL013 and ESL014 each require minimum of one hour per week in Language Lab/Academic Skills Center. Graded on S/W/U/R basis. No prerequisite.

ESL014‡ A-E-G / 3 cr. hrs.

ESL: INTENSIVE GRAMMAR II

For students who are not native speakers of English, ESL014 builds on skills developed in ESL013 and also teaches and analyzes different types of phrases and sentences to determine their correctness and appropriateness. ESL013 and ESL014 each require minimum of one hour per week in Language Lab/Academic Skills Center. Graded on S/W/U/R basis. Prerequisite: ESL013.

ESL015‡ A-E-G / 3 cr. hrs.

ESL: COLLEGE LISTENING/SPEAKING SKILLS I

Develops oral communication skills of intermediate to advanced ESL students preparing for academic college courses. ESL015 develops speaking and listening skills through exercises designed to involve students in discussions on selected topics in American culture and college life. ESL015 and ESL016 each require minimum of 1 hour per week in Language Lab/Academic Skills Center. Graded on S/W/U/R basis. No prerequisite.

ESL016‡ A-E-G / 3 cr. hrs.

ESL: COLLEGE LISTENING/SPEAKING SKILLS II

Develops oral communication skills of intermediate to advanced ESL students preparing for academic college courses. ESL016 continues skills development by expanding pronunciation, presentation and listening comprehension skills. ESL015 and ESL016 each require minimum of 1 hour per week in Language Lab/Academic Skills Center. Graded on S/W/U/R basis. Prerequisite: ESL015.

ESL017‡ **A-E-G / 3 cr. hrs.****ESL: COLLEGE COMPOSITION I**

Enhances second language academic writing skills to produce clearer and varied sentences and paragraphs for students whose native language is not English. ESL017 introduces essay writing and emphasizes spelling improvement, correct and appropriate use of vocabulary, idiomatic expressions and grammar in context that are often problematic for non-native speakers. ESL017 and ESL018 each require minimum of one hour a week on selected assignments in Language Lab/ Academic Skills Center. Graded on S/W/U/R basis. No prerequisite.

ESL018‡ **A-E-G / 3 cr. hrs.****ESL: COLLEGE COMPOSITION II**

Enhances second language academic writing skills to produce clearer and varied sentences and paragraphs for students whose native language is not English. ESL018 builds on skills developed in ESL017 and introduces various types of academic essay writing. ESL017 and ESL018 each require minimum of one hour a week on selected assignments in Language Lab/ Academic Skills Center. Graded on S/W/U/R basis. Prerequisite: ESL017.

ESL295 **A-E-G / 3-4 cr. hrs.****SPECIAL TOPICS IN ENGLISH SECOND LANGUAGE(ESL)**

Special and current topics in English Second Language(ESL) may be available. See the online catalog for a complete listing.

FIRE PROTECTION TECHNOLOGY**FPT111** **A / 3 cr. hrs.****INTRODUCTION TO FIRE PROTECTION**

Introductory survey of fire prevention, protection and suppression systems providing an overview of such elements as composition of fire, home fire safety, building construction, extinguishing agents, fire-fighting equipment, fire-fighting procedures, detection and protection systems, fire extinguishers and their utilization. Foundation for other courses in the program. No prerequisite.

FPT113 **A / 3 cr. hrs.****HAZARDOUS MATERIALS I**

Chemical characteristics and behavior of various materials which burn and/or react violently when acted upon by various other substances or conditions. Emphasis on flammable liquids, solids, dusts and gases, and attendant fire extinguishment problems. Study includes matter and energy, chemical and physical changes, atoms, the nucleus and planetary electrons, nuclear reactions and isotopes, atomic weights, kinetic molecular theory of state, forms of energy, conservation of energy, conversion of units, Boyle's Law, heat and its effects, halons and extinguishing agents. No prerequisite.

FPT124 **A / 3 cr. hrs.****HAZARDOUS MATERIALS II**

Storage, handling, standards, explosives and fire-fighting techniques associated with chemicals, gases, flammable liquids, corrosives, poisons, rocket propellants and exotic fuel, and radioactive materials. Formation of toxic fumes and health hazards also stressed. Ignition and combustion characteristics of gases, liquids and solids related to free-burning fire, and explosion phenomena. Familiarization with radiological instruments, human exposure to radiation, decontamination procedures, common uses of radioactive materials and operational procedures. Prerequisite: FPT113.

FPT131 **A / 3 cr. hrs.****BUILDING CONSTRUCTION AND FACILITIES**

Review of fire protection considerations in building construction and facilities, including the Building Exits Code, air conditioning and ventilating appliances, roof coverings, building construction operations and tests of building materials to determine their fire safety characteristics. No prerequisite.

FPT140 **A / 3 cr. hrs.****FIRE PROTECTION HYDRAULICS**

Principles of hydraulics, suction and drafting water, velocity and discharge, friction loss calculations, engine and nozzle pressures, fire hydrants and mains, fire streams, sprinkler system calculations and pumps. No prerequisite.

FPT148 **A / 3 cr. hrs.****FIRE SERVICE MANAGEMENT AND LEADERSHIP**

Principles of management as related to fire service. Includes management functions, the management cycle behavioral sciences, leadership, communications, public relations, records and reports. No prerequisite.

FPT149 **A / 3 cr. hrs.****STRATEGIES AND TACTICS**

Enables students to devise strategies and tactics needed to resolve problems at fires and emergency scenes. Students learn Incident Command System, fire company operations, firefighter safety and operational guidelines, and procedures for major building types. No prerequisite.

FPT150 **A / 3 cr. hrs.****ARSON AND FIRE INVESTIGATION**

History, development and philosophy of detection and prosecutorial steps with respect to the crime of arson. Discussion of socio/economic conditions behind alarming rise in number of incendiary fires. Examination of investigatory skills, interrogation, record keeping, reports, court procedure. Study of federal, state and local arson laws. Study of chemistry of fire and explosions. No prerequisite.

FPT171 A / 3 cr. hrs.
INDUSTRIAL SAFETY ENGINEERING I
 Fundamentals of industrial safety including history, safety, inspections, safety organization and committees, accident investigation records and injury rates. No prerequisite.

FPT172 A / 3 cr. hrs.
INDUSTRIAL SAFETY ENGINEERING II
 More detailed safety engineering considerations, such as principles of guarding and transmission guards, local exhaust systems, electrical hazards, industrial hygiene and chemical hazards. Prerequisite: FPT171.

FPT295 A / 3-4 cr. hrs.
SPECIAL TOPICS IN FIRE PROTECTION TECHNOLOGY
 Special and current topics in Fire Protection Technology may be available. See the online catalog for a complete listing.

FITNESS SPECIALIST

Note: Enrollment in PFS courses is limited to students officially admitted to the Fitness Specialist program. Students outside the program who meet the pre- and corequisites may be admitted to individual courses by the department when seats are available. In such case, these courses fulfill their unrestricted electives. PFS special topics courses are open to all students and can be used as unrestricted electives, subject to minimum credit requirements.

PFS111 A / 3 cr. hrs.
NUTRITION AND HUMAN PERFORMANCE
 Provides students in fitness field with nutritional information pertinent to enhancing human performance. Among subjects discussed are digestive system, food substances, minerals and vitamins; energy systems and their application to fitness and sports performance; supplemental and diet theories for sport enhancement and weight management; and relationship between food and exercise performance for special populations. No prerequisite.

PFS13‡ A / 2 cr. hrs.
EXERCISE LEADERSHIP AND CONCEPTS OF AEROBIC CONDITIONING
 Physiological aspects of aerobic conditioning, principles of training, and biomechanics of appropriate movement patterns are covered. Exercise leadership techniques emphasized as students experience and learn design concepts for variety of aerobic conditioning programs: jog/walk, aerobic dance, bike, treadmill, rower, etc. (1 hr. lecture, 2 hrs. laboratory.) Prerequisite: BIO130 Corequisite: BIO132.

PFS201‡ A / 2 cr. hrs.
EXERCISE LEADERSHIP AND CONCEPTS OF MUSCLE CONDITIONING
 Covers physiological aspects of developing muscular strength and endurance, principles of training, exercise analysis and biomechanics of techniques. Exercise leadership techniques emphasized as students experience and learn design concepts for calisthenics, free weights, machines, etc., and their application for various programs and populations. (1 hr. lecture, 2 hrs. laboratory.) Prerequisite: BIO130 and BIO132.

PFS205‡ A / 2 cr. hrs.
FITNESS ASSESSMENT AND SCREENING
 Provides understanding of different components of fitness, various evaluation techniques, health screening of individuals, and their application to needs of clients and special populations in designing appropriate fitness program. (1 hr. lecture, 2 hrs. laboratory.) Prerequisite: PFS113 and current CPR certification. Corequisite: PFS201.

PFS209 A / 3 cr. hrs.
KINESIOLOGY
 Analysis of skeletal, muscular and nervous systems provides basis for understanding human movement with emphasis on sport skills and dance forms. Mechanical principles underlying movement and their relationship to performance of skills emphasized. Prerequisite: BIO130 and BIO132.

PFS210 A / 1 cr. hrs.
APPLIED FUNCTIONAL ANATOMY
 This course will provide students with a hands-on opportunity to examine and explore the role and function of body parts and systems, their movement, their various interactions, and their application to exercise and performance. Prerequisite: or corequisite: PFS209.

PFS212 A / 3 cr. hrs.
INJURY PREVENTION AND MANAGEMENT
 Students study anatomy and biomechanics of human body discussing preventive and rehabilitative techniques for fitness and sport participation injuries. Stress reduction, over-training symptoms, and client's overall wellness included. Prerequisite: BIO130, BIO132, and PFS209.

PFS214 A / 3 cr. hrs.
OVERVIEW OF FITNESS AND FACILITY MANAGEMENT
 Provides students with knowledge and skill required for employment in fitness field. Topics include growth and development of fitness industry, job opportunities, evaluation criteria for all levels, program planning, space and facilities design, equipment evaluation and purchasing, liability issues and more. No prerequisite.

PFS217‡ **A / 3 cr. hrs.**

FIELD WORK IN FITNESS

Provides fitness specialists with on-campus practical fieldwork experience in working with clients by providing fitness assessment, screening, program design and leadership techniques through participation in an exercise program under supervision of department faculty. Knowledge base, skill and behavioral components covered in curriculum are assessed through this experience. Registration in this course requires that students purchase liability insurance through the college. (1 hr. lecture, 8 hrs. fieldwork.) Prerequisite: PFS111, PFS205, and PFS209. Corequisites: PFS212 and current CPR certification.

PFS295 **A / 1-4 cr. hrs.**

SPECIAL TOPICS IN FITNESS SPECIALIST

Special and current topics in Fitness Specialist may be available. See the online catalog for a complete listing.

FOREIGN LANGUAGES

See listings for individual languages: Chinese (p. 215), French (p. 239), German (p. 240), Italian (p. 252), Japanese (p. 253), Latin (p. 254), Spanish (p. 284).

FOREIGN LANGUAGE PLACEMENT GUIDELINES

High School Course Completed	Time Since Completion	Course or Regents Grade	Recommended Course at SCCC
Level IV or higher	Less than 1 year	B- or higher	202 or higher
		C+ or lower	201
	1 year	A- or higher	201 or 202
		B+ or lower	102 or 201
	2 or 3 years	B- or higher	102 or 201
		C+ or lower	101 or 102
	4 years or more	A- or higher	101 or 102
		B+ or lower	101

High School Course Completed	Time Since Completion	Course or Regents Grade	Recommended Course at SCCC
Level III or higher	Less than 2 years	B- or higher	102 or 201
		C+ or lower	101 or 102
	2 or 3 years	B- or higher	101 or 102
		C+ or lower	101
	4 years or more	A- or higher	101 or 102
		B+ or lower	101
Level I or II	Less than 1 year	B- or higher	101 or 102
		C+ or lower	101
	1 year or more	A- or higher	101 or 102
		B+ or lower	101

Special Topics and special Topics Honors courses in individual languages may be available. See online catalog under individual language for complete listing.

FRENCH

FRE101-FRE102 **A-E-G / 3 cr. hrs.**
ELEMENTARY FRENCH I AND II

Introductory sequential courses in French which develop four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Basic concepts of French culture are introduced. Required online workbook/lab manual course component. FRE101 is for students with little or no knowledge of French. FRE201 is recommended for native / fluent speakers of French; for clarification of placement guidelines, see academic chair. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Foreign Language.

FRE113 **E / 6 cr. hrs.**
INTENSIVE FRENCH I AND II

Accelerated course covering elementary French sequence (FRE101 and FRE102) in one semester. Required online workbook/lab manual course component. FRE113 is for students with little or no knowledge of French. This course is not appropriate for native / fluent speakers of French; FRE202 is recommended or see academic chair. No prerequisite.

Note: May not be taken for credit after any other course in French. Fulfills SUNY General Education Requirement for Foreign Language.

FRE201 A-E-G / 3 cr. hrs.**INTERMEDIATE FRENCH I**

Continuing study of structures of French with more intensive oral and writing practice. Cultural and literary selections will be introduced. Required online workbook/lab manual course component. Prerequisite: FRE102 or fulfillment of equivalent high school placement requirement. (See guidelines chart under “Foreign Languages.”)

Note: Fulfills SUNY General Education Requirement for Foreign Language.

FRE202 A-E-G / 3 cr. hrs.**INTERMEDIATE FRENCH II**

Structural review focusing on oral and written communication. Introduces social, political and cultural aspects of French world through analysis of wide range of authentic literary and cultural selections. Required online workbook/lab manual course component. Prerequisite: FRE201 or fulfillment of equivalent high school placement requirement. (See guidelines chart in College catalog under “Foreign Languages.”)

Note: Fulfills SUNY General Education Requirement for Foreign Language.

FRE295 A-E-G / 3-4 cr. hrs.**SPECIAL TOPICS IN FRENCH**

Special and current topics in French may be available. See the online catalog for a complete listing.

FRE296 A-E-G / 3-4 cr. hrs.**HONORS SPECIAL TOPICS IN FRENCH**

Honors special topics courses in French may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

GEOGRAPHY**GEO101** A-E-G / 3 cr. hrs.**WORLD REGIONAL GEOGRAPHY**

General survey of fundamental geographic characteristics of principal world regions. Particular emphasis on how differences in environment and culture greatly influence lifestyle, economy and social well being. Focuses on dynamic interplay between spatial variations in the landscape and ecologic processes, socioeconomic systems and philosophic beliefs. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences and Other World Civilizations.

GEO102 A-E-G / 3 cr. hrs.**CULTURE AND THE ENVIRONMENT**

Cultural geography focusing on variations among cultures as they differ, through time, from place to place. Deals with origins and diffusion of agriculture, race, religion, language, technology and settlement. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences and Other World Civilizations.

GEO103 A-E-G / 3 cr. hrs.**POLITICAL GEOGRAPHY**

Locational aspects of political characteristics. Emphasis directed toward geographic effects on political and territorial behavior of peoples of the world. Specific topics include changing frontiers and boundaries, territorial jurisdiction, population pressures, and colonialism and nationalism. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences and Other World Civilizations.

GEO295 A-E-G / 3-4 cr. hrs.**SPECIAL TOPICS IN GEOGRAPHY**

Special and current topics in Geography may be available. See the online catalog for a complete listing.

GEO296 A-E-G / 3-4 cr. hrs.**HONORS SPECIAL TOPICS IN GEOGRAPHY**

Honors special topics courses in Geography may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

GERMAN**GER101-GER102** A-E-G / 3 cr. hrs.**ELEMENTARY GERMAN I AND II**

Introductory sequential courses in German which develop four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Basic concepts of German culture are introduced. Required online workbook/lab manual course component. GER101 is for students with little or no knowledge of German. It is not appropriate for native/fluent speakers of German; GER201 is recommended or see academic chair. (See guidelines chart in the College catalog under “Foreign Languages.”) No prerequisite.

Note: Fulfills SUNY General Education Requirement for Foreign Language.

GER201‡ A-E / 3 cr. hrs.**INTERMEDIATE GERMAN I**

Continuing study of structures of German with more intensive oral and writing practice. Cultural and literary selections will be introduced. Required online workbook/lab manual course component. Prerequisite: GER102 or fulfillment of equivalent high school placement requirement. (See guidelines chart in College catalog under “Foreign Languages.”)

Note: Fulfills SUNY General Education Requirement for Foreign Language.

GER202 A-E / 3 cr. hrs.**INTERMEDIATE GERMAN II**

Structural review focusing on oral and written communication. Introduces social, political and cultural aspects of German world through analysis of wide range of authentic literary and cultural selections. Prerequisite: GER201 or fulfillment of equivalent high school placement requirement. (See guidelines chart in College catalog under “Foreign Languages.”)

Note: Fulfills SUNY General Education Requirement for Foreign Language.

GER295 A-E-G / 3-4 cr. hrs.**SPECIAL TOPICS IN GERMAN**

Special and current topics in German may be available. See the online catalog for a complete listing.

GER296 A-E-G / 3-4 cr. hrs.**HONORS SPECIAL TOPICS IN GERMAN**

Honors special topics courses in German may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

GRAPHIC DESIGN**GRD101‡** E / 3 cr. hrs.**BASIC GRAPHIC DESIGN**

Introduces techniques, technologies and principles used to produce graphic design. Demonstrates visual elements and language of graphic designers through elementary exercises in page composition, letterform and grid systems. Emphasizes developing problem-solving skills and applying graphic design theories toward projects. (1 hr. lecture, 4 hrs. studio each week.) (*Offered fall semester only.*) Corequisites: GRD102 and ART130.

GRD102‡ E / 3 cr. hrs.**ADOBE® INDESIGN**

Introduces use of personal computers with page layout software for digital prepress production. Topics include creating single-page and multi-page documents using type and paragraph controls, transparency and drop shadows, layers, drawing tools, imported graphics and links, master pages, style sheets, palettes, integration with other software, preflighting and packaging for print, and creating PDF files. No prerequisite. Prerequisite: Graphic Design curriculum corequisites: GRD101 and ART130.

GRD103‡ E / 3 cr. hrs.**TYPOGRAPHIC DESIGN**

Introduces fundamentals, function and tradition of typography and its creative applications. Covers vocabulary and mastery of type designs, typesetting methods, type measurement and page layout. Emphasizes understanding letterform in design. (1 hr. lecture, 4 hrs. studio each week.) (*Offered spring semester only.*) Prerequisites: GRD101 and GRD102 or permission of department.

GRD104 E / 3 cr. hrs.**HISTORY OF GRAPHIC DESIGN**

Historical study of use of graphic design as communications tool from cave drawings to present-day technology. Emphasis placed on graphic communication in 20th century. (*Offered spring semester only.*) No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

GRD105 E / 1.5 cr. hrs.**DIGITAL DESIGN FRESHMAN SEMINAR**

Digital Design Freshman Seminar is a one-and-a-half credit course that introduces first-year computer art and graphic design students to the study skills necessary for successful completion of a college education, with special emphasis on the specific academic resources available to students in this area. It also provides ample opportunity to explore and discuss career opportunities in the field of professional digital design. Topics include time management, test-taking, reading, study, and library skills, and personal and professional relationships. No prerequisite.

GRD201‡ E / 3 cr. hrs.**PUBLICATION DESIGN**

Explores visual problem-solving as related to area of publication design. Investigates techniques and imagery within various formats of publications such as magazines, brochures and annual reports. Students develop contemporary graphic processes and techniques with typography, digital images and experimental media using computer studio class. (1 hr. lecture, 4 hrs. studio each week.) (*Offered fall semester only.*) Prerequisites: ART130, GRD102 and GRD103.

GRD202‡ E / 3 cr. hrs.**COMMUNICATION DESIGN**

Emphasizes advanced graphic design problems requiring thought processes behind all forms of visual communications. All problems require understanding and evaluating information, learning value of research, and accurately creating communication solutions. Structured to expand student production skills, complement portfolio development goals, and prepare students for entry into world of graphic design. (1 hr. lecture, 4 hrs. studio each week.) (*Offered spring semester only.*) Prerequisite: GRD201 or permission of department.

GRD203‡ E / 3 cr. hrs.

WEB DESIGN I

First course in a two-course sequence concentrating on the design and production of client websites using industry standard markup languages. Emphasis placed on the understanding of Web design fundamentals using electronic typography and image-making to communicate a visual message. (1 hour lecture / 4 studio hrs each week.) (*Offered fall semester only.*) Prerequisite: ART130, GRD102 and GRD103.

GRD204‡ E / 3 cr. hrs.

WEB DESIGN II

Second course in a two-course sequence concentrating on the design and production of client websites using industry standard markup languages. Builds upon Web design knowledge, skills and abilities obtained in GRD203. (1 hour lecture / 4 studio hrs. each week) (*Offered spring semester only.*) Prerequisite: GRD203 or permission of department.

GRD205 E / 1 cr. hrs.

GRAPHIC DESIGN PORTFOLIO PREPARATION AND ASSESSMENT

Concentrates on completion of student's portfolio of work suitable for entry into the graphic design profession. Instructors work with individual students as both mentor and advisor. Students must be in their final semester of Graphic Design curriculum. Prerequisite: GRD201 and GRD203. Corequisites: GRD202 and GRD204. (*Offered spring semester only.*)

GRD295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN GRAPHIC DESIGN

Special and current topics in Graphic Design may be available. See the online catalog for a complete listing.

HEALTH CAREERS

HSC101 A-E-G / 3 cr. hrs.

HEALTH CONCEPTS

Basic concepts, principles, attitudes and information regarding health for students within framework of their individual needs. Designed so that students can recognize and utilize those factors which contribute to creation and maintenance of a healthy lifestyle. No prerequisite.

HSC104 A-E-G / 3 cr. hrs.

NUTRITION CONCEPTS AND CONTROVERSIES

Ideal for persons confused about nutritional claims advertised in media. Covers identification of reliable sources of nutrition information and overview of basic nutrition principles. Discusses popular and controversial nutrition topics such as immunity, megavitamin therapy, sports nutrition, antioxidants, weight control diets and vegetarianism. No prerequisite. May be substituted for DTE101 for students transferring into Dietetic Technician curriculum.

HSC111 A-E / 3 cr. hrs.

HUMAN SEXUALITY

Interdisciplinary course offered by departments of Biology and Health Careers. Helps students understand human sexual functioning as an integrated phenomenon related to biology, emotions, motivation, personality and social interaction. A diversity of material is presented to assist students in understanding bio-psycho-social aspects of sexuality. Satisfies a liberal arts and sciences, social sciences, or unrestricted elective requirement, but not a mathematics/science elective requirement. No prerequisite.

Note: Credit given for either PSY247 or HSC111 but not both.

HSC112‡ A-E-G / 3 cr. hrs.

SAFETY, FIRST AID AND CPR

Prevention and treatment of common emergency situations. Advanced First Aid techniques are utilized. Successful completion of this course qualifies the student for an Advanced First Aid Certificate and a Professional Rescuer/Healthcare Provider Certificate through the National Safety Council, AHA, ARC or equivalent national training program. No prerequisite.

HSC114 A-E-G / 3 cr. hrs.

GROUP DYNAMICS

Introduction to concepts of behavior related to group activity and a study of sociometric techniques for the purpose of developing skill in interpersonal relationships within the health team. Recommended for students contemplating possibility of entering a health-oriented profession and/or students interested in health issues. (3 hrs. lecture.) No prerequisite.

Note: This course does not satisfy social sciences, humanities or liberal arts and sciences elective requirements.

HSC126‡ A-E-G / 7 cr. hrs.

EMERGENCY MEDICAL CARE I

Covers all techniques of emergency medical care presently considered within the responsibilities of the Emergency Medical Technician-Basic. Emphasizes development of student skills in recognition of symptoms of illnesses and injuries and proper procedures of emergency care. Successful completion of this course leads to New York State certification as an Emergency Medical Technician-Basic. Registration in HSC126 requires students to purchase liability insurance through the college and complete a thorough physical examination with their own physician at their own cost (including laboratory work) as required by the college health service. (5 hrs. lecture, 5 hrs. laboratory, 24 hours clinical rotation.) No prerequisite.

Note: All evening HSC 126 sections require one full day SATURDAY CLASS date to be announced at first class meeting. All summer HSC 126 sections require one full FRIDAY CLASS, date to be announced at first class meeting.

HSC128‡ A / 3 cr. hrs.

CRASH VICTIM EXTRICATION

Examines range of activities that may occur, and for which rescuers need to be prepared for effective response, at the scene of a vehicle accident where emergency extrication is necessary. (3 hrs. lecture) No prerequisite.

HSC234‡ A-E / 7 cr. hrs.

**EMERGENCY MEDICAL TECHNICIAN
CRITICAL CARE II**

Emphasize skills necessary for provision of advanced life support. Successful completion of state examination results in New York State Certification, EMT-CC. Registration in HSC234 and HSC236 requires students to purchase liability insurance through the college and complete a thorough physical examination with their own physician at their own cost (including laboratory work) as required by the college health service. (5 hrs. lecture, 3 hrs. laboratory, 123 hrs. total clinical/field internship.)HSC234 is semester 1 of 2 semester sequence. Student must complete HSC234 with a minimum grade of C. Prerequisite: Current NYS Emergency Medical Technician-Basic certification that will remain current until the NYS written exam.

HSC236‡ A-E / 7 cr. hrs.

**EMERGENCY MEDICAL TECHNICIAN
CRITICAL CARE III**

Emphasize skills necessary for provision of advanced life support. Successful completion of state examination results in New York State Certification, EMT-CC. Registration in HSC234 and HSC236 requires students to purchase liability insurance through the college and complete a thorough physical examination with their own physician at their own cost (including laboratory work) as required by the college health service. (5 hrs. lecture, 3 hrs. laboratory, 123 hrs. total clinical/field internship.) Prerequisite: Current certification as a New York State Emergency Medical Technician-Basic and HSC234 with a minimum grade of C.

HSC295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN HEALTH CAREERS

Special and current topics in Health Careers may be available. See the online catalog for a complete listing.

MED111 G / 3 cr. hrs.

MEDICAL TERMINOLOGY

Comprehensive knowledge of medical terminology increases students' knowledge of anatomy, physiology and disease. The principal method of building medical vocabulary is to identify prefixes, suffixes and roots. Students learn to recognize Greek and Latin derivatives. (3 hrs. lecture.) No prerequisite.

**HEALTH INFORMATION
TECHNOLOGY / MEDICAL RECORDS**

HIT114‡ G / 3 cr. hrs.

**INTRODUCTION TO HEALTH
INFORMATION TECHNOLOGY**

This course will introduce the students to the Health Care Delivery System, the role of the electronic health record, and health informatics as they relate to data content, format and management. The National Health Information Infrastructure and the role of the Health Information Management professional will be studied. Prerequisite: BIO138 and MED111.

HIT117 G / 4 cr. hrs.

ELECTRONIC HEALTH RECORD

Examines the content and structure, maintenance, storage, and security of the electronic health record and the personal health record. Standards and guidelines that refer to the interoperability, networks and internet will be discussed. Corequisite: HIT114.

HIT119 G / 3 cr. hrs.

**PRIVACY AND SECURITY OF THE
ELECTRONIC HEALTH RECORD**

Students will examine the legal proceedings, privacy and security regulations, and the technology that will secure the confidentiality of the electronic health record (EHR) and personal health record (PHR). HIPAA, network security, interoperability, and regional health information organizations (RHIO) will be studied. Prerequisite: HIT117.

HIT220 G / 3 cr. hrs.

STUDY OF DISEASE

Provides students with knowledge of disease processes as documented by clinicians. Students study and interpret laboratory values and pharmaceutical information appearing in the medical record. Prerequisite: BIO138, MED111.

HIT226 G / 3 cr. hrs.

**REGULATORY ISSUES WITH THE
ELECTRONIC HEALTH RECORD**

Enhances information acquired in HIT114. Students retrieve and prepare health statistics, learn how to graphically display health data, and examine various computer applications (hardware and software for health information) that relate to various functions within health care. Prerequisite: HIT114 with C grade or higher. Corequisite: MAT103.

HIT235 G / 3 cr. hrs.

**CODING AND CLASSIFICATION
SYSTEMS**

Introduction to medical nomenclatures and diagnostic classification systems and relationship of coding to reimbursement. Emphasis will be on inpatient coding of diagnoses and procedures. Students code utilizing electronic health records and practice exercises. Corequisite: HIT220.

HIT236 G / 3 cr. hrs.**ADVANCED CODING/CPT-4 AND REIMBURSEMENT METHODOLOGIES**

Focuses on applying advanced coding techniques. Students are taught CPT-4 coding. Present forms of reimbursement and importance of new legislation emphasized. Prerequisite: HIT235 with C grade or higher.

HIT238‡ G / 3 cr. hrs.**DIRECTED CLINICAL PRACTICE**

Develops skills through clinical experience in various affiliated health care settings. Students attend a weekly on-campus seminar during clinical experience to discuss clinical experience and review completed field work. (1.5 hrs. seminar, 4.5 hrs. clinical.) Prerequisite: HIT235 with C grade or higher.

HIT240 G / 4 cr. hrs.**MANAGEMENT ISSUES IN THE ELECTRONIC HEALTH RECORD ENVIRONMENT**

Students will explore the functions of management such as human resources, financial and physical resources, and performance improvement as they relate to managing a health information management environment where the electronic health record is being developed. Prerequisite: HIT235 with C grade or higher.

HIT295 A-E-G / 3-4 cr. hrs.**SPECIAL TOPICS IN HEALTH INFORMATION TECHNOLOGY/MEDICAL RECORDS**

Special and current topics in Health Information Technology/Medical Records may be available. See the online catalog for a complete listing.

HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION (HVAC/R)**HVA111‡** G / 4 cr. hrs.**COMPUTER APPLICATIONS FOR TECHNOLOGY**

Comprehensive computer course designed for technology students. Interactive laboratory and lecture sessions provide students with skills needed to analyze and present solutions to engineering design challenges. Emphasizes how word processing, presentation and spreadsheet tools are used for engineering, statistical and numeric applications. (2 hrs. lecture, 4 hrs. laboratory.) No prerequisite.

HVA131‡ G / 5 cr. hrs.**REFRIGERATION AND AIR CONDITIONING SYSTEMS**

Teaches fundamental knowledge of air conditioning and refrigeration theory as well as basic electricity. Develops job-entry knowledge for installing, operating, troubleshooting and repairing refrigeration and air conditioning systems. Students construct operating refrigeration systems that serve as trainers as they learn to solder, braze, flare swage, leak test, evacuate, charge, service and evaluate both refrigeration and electrical circuits of HVAC/R systems. (3 hrs. lecture, 4 hrs. laboratory.) No prerequisite.

HVA141‡ G / 5 cr. hrs.**HEATING SYSTEMS**

Covers operation, installation, servicing and maintenance of oil, gas and electric heating equipment, including water heaters. Emphasis placed on theory of operation of fossil fuel systems as well as electric and reverse-cycle refrigeration systems (heat pumps). In lab, students disassemble and evaluate component parts of oil burners, ignition systems, fan centers and other devices instrumental in operation of heating equipment. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisite: HVA111 and HVA131.

HVA222‡ G / 4 cr. hrs.**HVAC/R CONTROL SYSTEMS**

Covers electrical and solid-state devices used to control operation of air conditioning, heating and refrigeration systems. Students construct and evaluate circuits and their components to gain solid understanding of how components function together to provide desired system operation. Students troubleshoot components and design control systems based on projects assigned in class. Projects include control systems for air conditioning, oil heating, gas heating, and reverse-cycle refrigeration systems. Emphasis also on motor controls as well as pneumatics. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisite: HVA131 and HVA141.

HVA232‡ G / 5 cr. hrs.**HVAC/R COMMERCIAL SYSTEM**

Covers commercial air conditioning, heating and refrigeration systems. Emphasis on installation, service and troubleshooting, as well as air distribution systems, psychrometrics, water-cooled equipment, cooling towers and chillers. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisite: HVA131 and HVA141.

HVA242‡ G / 5 cr. hrs.**DIAGNOSTICS AND SERVICING**

Teaches skills needed to logically and accurately troubleshoot and diagnose HVAC/R systems as well as skills needed to perform successful service calls. Emphasis on customer service, professionalism and organization, while using prior HVAC/R knowledge to restore proper system operation. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisite: HVA141.

HVA252‡ **G / 4 cr. hrs.**

HVAC/R SYSTEM DESIGN

Students complete necessary calculations, drawings and proposals to execute three major design projects which may include, but are not limited to, gas-fired forced air systems with air conditioning, oil and/or gas-fired hydronic or radiant heat systems, heat pump systems, commercial and residential splittype air conditioning systems, and air distribution systems. Emphasis on use of manufacturer's literature and design aids, which include computer programs designed to facilitate system selection and performance parameters. (2 hrs. lecture; 4 hrs. laboratory.) Prerequisite: HVA232 and MAT112.

HVA260‡ **G / 3 cr. hrs.**

HVAC/R INTERNSHIP

Provides supervised, real-world experience with carefully selected HVAC/R contractors. Through required weekly seminars, students receive instruction on topics related to employment environment while obtaining practical work experience. Students must perform minimum of 120 supervised, field-service hours. Prerequisite: Completion of minimum of 24 credit hours in HVA courses and minimum grade point average of 2.5, or written permission from Co-operative Education Coordinator and either Director of HVAC/R department or Executive Dean.

HVA295 **A-E-G / 3-4 cr. hrs.**

SPECIAL TOPICS IN HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION (HVAC)

Special and current topics in Heating, Ventilation, Air Conditioning and Refrigeration (HVAC) may be available. See the online catalog for a complete listing.

HISTORY

HIS101 **A-E-G / 3 cr. hrs.**

WESTERN CIVILIZATION I

Study of principal forces that have shaped European civilization from antiquity to 1715. Prerequisite: RDG099 or ESL012 or equivalent.

Note: Credit given for either HIS101 or IND101, but not both. Fulfills SUNY General Education Requirement for Social Sciences and Western Civilization.

HIS102 **A-E-G / 3 cr. hrs.**

WESTERN CIVILIZATION II

Study of ideas, politics and economies that influenced European civilization since 1715. Prerequisite: RDG099 or ESL012 or equivalent.

Note: Credit given for either HIS102 or IND102, but not both. Fulfills SUNY General Education Requirement for Social Sciences and Western Civilization.

HIS103 **A-E-G / 3 cr. hrs.**

FOUNDATIONS OF AMERICAN HISTORY

Survey of American history from its colonial beginnings through the Civil War. Topics include origin and development of American ideals, American Revolution and Constitution, westward expansion and Jacksonian Democracy, social and economic changes in the mid-19th century, slavery and the Civil War. Prerequisite: RDG099 or ESL012 or equivalent.

Note: Fulfills SUNY General Education Requirement for Social Sciences and American History.

HIS104 **A-E-G / 3 cr. hrs.**

MODERN AMERICAN HISTORY

Analysis of American history from mid-19th century to the present. Topics include impact of industrialism, development of America as a world power, increased role of federal government, and present state of American society. Prerequisite: RDG099 or ESL012 or equivalent.

Note: Fulfills SUNY General Education Requirement for Social Sciences and American History.

HIS105 **A-E / 3 cr. hrs.**

WOMEN'S ROLE IN AMERICAN HISTORY

Analysis of the part that women played in American history from Colonial period to the present. Emphasis on social, political and religious attitudes toward women; status of women; influence of specific women; female involvement in important movements and organizations, etc. No prerequisite.

Note: Fulfills SUNY General Education Requirement for American History.

HIS106 **A-E / 3 cr. hrs.**

HISTORY OF LONG ISLAND

Major events, personalities and factors shaping development of Long Island from pre-Colombian past to present. Covers historical highlights in Nassau and Suffolk Counties in general and examines local towns and their contributions. Also provides background for present and prospective teachers wishing to prepare themselves for state education department's directive that elementary schools teach local history. No prerequisite.

Note: Fulfills SUNY General Education Requirement for American History.

HIS107 **A-E-G / 3 cr. hrs.**

MODERN WORLD HISTORY

Study of major developments in world history from World War II to the present. Issues of war, population, the environment and the international economy are analyzed. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences, Western Civilization and Other World Civilizations.

HIS118 A-E / 3 cr. hrs.

MAJOR WORLD CULTURES

Major intellectual and cultural achievements of the world's great non-European civilizations. Stresses global integration and the need to understand the unique beliefs and contributions of the many different human communities that have given shape to our present-day world civilization. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Other World Civilizations.

HIS119 A-E-G / 3 cr. hrs.

THE FAR EASTERN WORLD

Survey of historical, geographic, cultural and economic forces and features influencing people and policies of China and Japan. Special emphasis on contemporary problems of Far East. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Other World Civilizations.

HIS120 A-E-G / 3 cr. hrs.

HISTORY OF RELIGION

Origins, development and impact of major religions of the contemporary world: Hinduism, Buddhism, Confucianism, Taoism, Shinto, Judaism, Christianity and Islam. Main beliefs and practices of these religions are analyzed in relation to the social, economic, political and cultural background of each population. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Other World Civilizations.

HIS201 A-E-G / 3 cr. hrs.

INTRODUCTION TO MEDIEVAL EUROPE

Western Europe from breakup of the Roman Empire to the 15th century (476-1475), emphasizing political, social, economic and intellectual forces that shaped medieval civilization. Prerequisite: HIS101 or permission of instructor.

Note: Fulfills SUNY General Education Requirement for Social Sciences and Western Civilization.

HIS295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN HISTORY

Special and current topics in History may be available. See the online catalog for a complete listing.

HIS296 A-E-G / 3-4 cr. hrs.

HONORS SPECIAL TOPICS IN HISTORY

Honors special topics courses in History may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

HIS110 E / 3 cr. hrs.

COLONIAL LATIN AMERICA

A survey of the Iberian conquest and colonization of Latin America through the 19th century wars for independence. This course examines the colonial societies which emerged through the interaction of Europeans, Native Americans, and Africans in the New World. Areas of emphasis will include an examination of pre-Columbian Civilizations, the Iberian conquest, the establishment of a new, cross-cultural society, and the break between Spanish America and Spain in the early 19th century. No prerequisite.

HOTEL AND RESORT MANAGEMENT

HRM105 E / 3 cr. hrs.

INTRODUCTION TO THE HOSPITALITY INDUSTRY

The hospitality industry encompasses the entire "away from home market." It is composed of eating, lodging, travel, recreation, and gaming businesses, which are all related in their history, development, and channels of distribution. This course will provide a framework for students to pursue individual segments of this multi-faceted industry. No prerequisite.

HRM112 E / 4 cr. hrs.

COST CONTROL FOR THE HOSPITALITY INDUSTRY

The four major functions of management in any enterprise are procurement, production, sales, and control. This course provides an in-depth look at how managers control a food service system: purchasing, receiving, storing, producing, and serving. This course will familiarize students with specific systems for controllable expenses. Prerequisite: ACC101.

HRM114‡ E / 4 cr. hrs.

FUNDAMENTALS OF FOOD PRODUCTION

This course presents the principles and practices necessary to effectively perform in a management position in the food service industry. The flow of food through a commercial food-service operation including purchasing, receiving, storing, fabrication, production and service is examined. Upon successful completion of this course, the student is able to understand basic cooking principles and apply them through the standardized recipe and menu. Effective and efficient managerial skills for the commercial or institutional kitchen will be presented and practiced. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: CUL111.

HRM115 E / 1.5 cr. hrs.

HOSPITALITY FRESHMAN SEMINAR

Explores career opportunities and challenges that exist in many areas of the hospitality industry. Discusses contemporary management issues including diversity, retention, harassment, and TQM leadership. Develops an appreciation for self-awareness, problem-solving, critical thinking and time-management techniques that will aid the student in both the classroom and in the workplace. No prerequisite.

HRM120 E / 3 cr. hrs.**HOSPITALITY MARKETING**

The hotel/restaurant/tourism business is marketing. We must determine what our customers want and provide it to them when they want it, and, it must be all wrapped up in a beautiful package at a reasonable price. The student will learn intangible nature of hospitality products and importance of positioning, targeting, and image development. Prerequisite: HRM105, corequisite: HRM220.

HRM205 E / 3 cr. hrs.**MAINTENANCE AND EQUIPMENT**

Concentrates on the knowledge a manager needs to understand and supervise the “hardware of the hospitality industry. Food service equipment and kitchen layout are covered along with heating, cooling, refrigeration, electrical, and transportation systems. Security systems and fire safety are also stressed. Prerequisite: HRM105.

HRM210 E / 3 cr. hrs.**FRONT OFFICE MANAGEMENT AND HOUSEKEEPING**

Functions of front-office management and housekeeping as they are related to organization, control, and operation. Emphasis on registrations, reservations, service, seasonal projections, ledger, billing, interior design, furnishings, purchasing, inventory, control, schedules, and sanitation. Prerequisite: HRM105.

HRM220 E / 3 cr. hrs.**HOTEL SALES, EXPOSITIONS AND MEETING MANAGEMENT**

This course introduces the hospitality student to the important area of group business. Topics include corporate meeting planning, exposition sales and management, trade shows, role of hotel sales office, group marketing, convention services, and role of intermediaries in sales and meeting management. Corequisite: HRM120.

HRM240‡ E / 4 cr. hrs.**HOTEL AND RESORT MANAGEMENT INTERNSHIP/COOPERATIVE EDUCATION**

Supervised on-the-job training in establishment representative of hospitality industry. Students work 200 hours in their placement, attend a weekly on-campus seminar, and maintain a journal. Taken during summer semester, after completion of first and second semester program requirements. Registration in this course requires that students purchase liability insurance through the college. Prerequisite: HRM105, CUL111, HRM112, and HRM114.

Note: 3 hrs. seminar per week for five weeks, 40 hrs. internship per week for five weeks.

HRM250 E / 2 cr. hrs.**HOTEL AND RESORT CAPSTONE COURSE**

Capstone course requiring students to apply theoretical and practical knowledge under an individualized, faculty-supervised hospitality project. Project incorporates students' specific areas of interest. Completed project to be thoroughly researched, written, and presented orally to both faculty and students. (2 hrs. seminar) Prerequisite: HRM205, HRM210, and HRM240.

HRM295 A-E-G / 3-4 cr. hrs.**SPECIAL TOPICS IN HOTEL AND RESORT MANAGEMENT**

Special and current topics in Hotel and Resort Management may be available. See the online catalog for a complete listing.

HUMANITIES

Note: See list on page 192 of other subjects which satisfy “Humanities Area” elective requirements.

HUM111 A-E-G / 3 cr. hrs.**THE HOLOCAUST**

Literature and film emerge from the most profound of human experiences. In the 20th century, perhaps the most profound of those experiences was the Holocaust. The scope of hatred, deadlines of purpose, and organization of mass murder raise questions which have become more and more disturbing even as we move away from the event. This course examines not only the roots and nature of the Holocaust, but also how internationally known writers and filmmakers have reacted to the event. No prerequisite.

HUM114 A-E-G / 3 cr. hrs.**MYTHOLOGY**

Analyzes nature of myth and explores dominant themes and archetypes, including gender-based images and roles in the myths of various cultures. These myths, studied in context of today's world, help students develop an increased awareness of the influence of myth on contemporary life. No prerequisite.

HUM116/WST116 A-E-G / 3 cr. hrs.**GENDER AND THE HUMANITIES**

This course investigates the notion of gender within its cultural contexts, and its relation to sex, sexualities, gender roles and gender identity. By studying women and men as well as their images and representations in the humanities (language, literature, art, music, and popular media), this course analyzes various forms of sexism and explores the possibilities for a wide range of genders, sexualities, and interpersonal relationships. No prerequisite.

Humanities

HUM120 E / 3 cr. hrs.
EFFECTIVE THINKING: PROBLEM SOLVING, REASONING AND COMPREHENSION

Studies mental processes associated with sequential analytical thought. Focus of first part of course is thoughtful introspection. Classroom and text activities entailing verbal reasoning, analogical relationships, predicating patterns, and creative problem solving develop insight and understanding of one's own thought processes. Second part of course encourages thoughtful involvement with current controversy. Students learn analytical skills necessary for evaluation of controversial ideas presented from various perspectives in contemporary writing using journal articles, newspaper and magazine articles, editorials and essays. No prerequisite.

HUM121 E-G / 3 cr. hrs.
DEVELOPING CREATIVE IMAGINATION IN THE ARTS

Theoretical foundation as well as practical experience in approaching problems of communication in literature and visual arts. Studies such areas as form, symbol and narrative meaning within selected historical contexts (e.g., romantic, modern, post-modern) to show how one interprets and gives meaning to creations of artists and writers. Also offers students opportunity to engage intensively in creative problem solving in the arts. Prerequisite: ENG101.

HUM122/WST122 A / 3 cr. hrs.
GENDER AND THE LAW

Examines place and image of women within American legal system. Investigates religious influences and philosophical origins of gender differences in the law, with emphasis on issues such as hate crimes, child custody and divorce. No prerequisite.

HUM124 / WST124 A / 3 cr. hrs.
WOMEN AND THE HEALING ARTS

Through an interdisciplinary approach, this course examines contemporary gender differences with respect to health issues and health-related problems. Topics to be explored include women's control over their bodies; women's position in the health care system; gender differences with respect to illnesses, such as eating disorders, heart disease, breast and ovarian cancers, autoimmune diseases; reproductive technologies; women's self esteem and female body image; women's role as caretaker; alternative medicines and treatments. No prerequisite.

HUM130/WST130‡ A-E / 3 cr. hrs.
CAREER INTERNSHIPS: EQUITY, CHOICES AND PROFESSIONALISM IN THE WORKPLACE

Offers broad spectrum of work opportunities in private sector as well as governmental agencies, under supervision of sponsors selected for their capacity to serve as exemplary gender role models. In addition to six hours per week of field work, students attend a weekly seminar. In this way, they learn to integrate theory and practice and recognize their own potential for change. They examine legal, public and private forces operating in the professions, such as affirmative action, tokenism and harassment. In the process, students develop organizational skills, ability to analyze social structure of the workplace and, above all, to think creatively about their ultimate career goals. Open to women and men who have commitment to equity in workplace. Prerequisite: ENG101 or permission of instructor. Recommended: minimum of 12 credit hours.

WST149/HUM149 A / 3 cr. hrs.
WOMEN IN LITERATURE, FILM, AND THE ARTS

Interdisciplinary rotating course, its content varying from semester to semester. No prerequisites.

HUM249 G / 3 cr. hrs.
AFRICAN ART AND CULTURE

This course introduces African art and culture from non-Western perspective. Emphasis on context within which art is produced. Geographic and historical background to African society. Study of role and function of artist in traditional African culture. Topics include belief systems, concepts of duality, myth, ritual, ancestor worship, "living art" and art as function. No prerequisite.

HUM295 A-E-G / 3-4 cr. hrs.
SPECIAL TOPICS IN HUMANITIES

Special and current topics in Humanities may be available. See the online catalog for a complete listing.

HUM296 A-E-G / 3-4 cr. hrs.
HONORS SPECIAL TOPICS IN HUMANITIES

Honors special topics courses in Humanities may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

HUMAN SERVICES

Note: Enrollment in HUS201 and above is limited to students officially admitted to the Human Services Program.

HUS101 **A-G / 3 cr. hrs.**

INTRODUCTION TO SOCIAL WELFARE

Survey of historical, social, political and economic influences on social welfare system in United States. Includes examination of prevailing social problems of concern to human service professionals, descriptions of current public welfare programs and their predecessors, and overview of fields of practice in social welfare. Requires 25 hours of volunteer service in local social service agency. Open to all students. Serves as unrestricted, liberal arts or social sciences elective for students not enrolled in Human Services Program. (*Offered day and evening in fall semester and evening in spring semester.*) No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences.

HUS103‡ **A / 3 cr. hrs.**

INTERVIEWING IN SOCIAL WORK PRACTICE

Overview of theory and skills integral to the interview as part of the social work process of helping. Includes discussions and demonstrations of stages of the professional helping interview, impact of interviewer attitudes, cross-cultural interviewing, types of social work interviews and general principles of interviewing. Role-play and classroom experiential learning are significant course components. HUS101 must be completed prior to or simultaneously with this course to proceed in the program courses. (2 hrs. lecture, 2 hrs. laboratory.) (*Offered day and evening only in spring semester.*) Prerequisite or corequisite: HUS101 with grade of C or better.

HUS201‡ **A / 5 cr. hrs.**

HUMAN SERVICES SEMINAR AND FIELD PRACTICUM I

Classroom study in seminar setting along with 140 hours of off-campus field work. Students are placed in a human service agency where they engage in intensive supervised work. Classroom work emphasizes discussions of field experiences and development of student's role as a human services professional. Explores issues relating to professional ethics and responsibilities, including boundaries and confidentiality along with application of theories of helping. Students enrolling in this course are automatically charged the liability insurance fee. Field work component is completed primarily during day hours. Some field site agencies require a criminal background check; others may require a recent medical exam and/or up to date immunizations and screenings for communicable diseases. The cost of meeting any of these requirements is the responsibility of the student. Enrollment requires permission of instructor and completion of a preplacement essay. Offered fall semester only. (3 hrs. seminar, 8 hrs. laboratory totaling 140 field hours.) Prerequisites: admission to Human Services curriculum and grade of C or better in HUS101 and HUS103. Corequisite: HUS205.

HUS205 **A / 3 cr. hrs.**

THEORY AND METHODS OF HELPING IN THE HUMAN SERVICE

Teaches process of assessment and helping as a collaborative endeavor focusing on consideration of person's strengths and ecosystem variables. Particular attention is paid to professional ethics and cultural competence in empowerment-based practice. (3 hrs. lecture.) (*Offered online or days only in fall semester.*) Prerequisites: grade of C or better in HUS101 and HUS103. Corequisite: HUS201.

HUS211‡ **A / 6 cr. hrs.**

HUMAN SERVICES SEMINAR AND FIELD PRACTICUM II

Classroom study in seminar setting along with 180 hours of off-campus field work. Students continue intensive supervised experience working at the human service agency that began in HUS201. Classroom work emphasizes discussions of field experiences, applications of theories of helping, a capstone assignment, and exploration of professional ending process. Students enrolling in this course are automatically charged the liability insurance fee. Field work component is completed primarily during day hours. Some field site agencies require a criminal background check; others may require a recent medical examinations and/or up-to-date immunizations and screenings for communicable diseases. The cost of meeting any of these requirements is the responsibility of the student. (3 hrs. seminar, 12 hrs. laboratory totaling 180 field hours.) (*Offered spring semester only.*) Prerequisites: HUS205 and HUS201 with grade of C or better.

INTERDISCIPLINARY STUDIES

IND101 A / 3 cr. hrs.

CIVILIZATION: THE HUMAN EXPERIENCE I

Development of Western culture from beginning of recorded history through 15th century. Team teaching concentrates on artistic contributions such as literature, painting, sculpture, music and architecture, and experience of politics, religion, science and philosophy. The historical element serves as the synthesizing force in this integrative approach to study of Western culture. Satisfies either humanities or social science course requirements. Prerequisite or corequisite: ENG101.

Note: Credit given for IND101 or HIS101, but not both. Fulfills SUNY General Education Requirement for Western Civilization and Humanities.

IND102 A / 3 cr. hrs.

CIVILIZATION: THE HUMAN EXPERIENCE II

Development of Western culture from 15th century to the present. Team teaching emphasizes impact of historical change (revolution, nationalism, industrialism, imperialism) upon the humanities (music, art, literature, philosophy.) The historical element serves as the synthesizing force in this integrative approach to study of Western culture. Satisfies either humanities or social sciences course requirements. Prerequisite or corequisite: ENG101.

Note: Credit given for HIS102 or IND102, but not both. Fulfills SUNY General Education Requirement for Western Civilization and Humanities.

IND120 G / 3 cr. hrs.

LEADERSHIP DEVELOPMENT STUDIES

Provides emerging and existing leaders opportunity to explore concept of leadership and to develop and improve their leadership skills. Integrates reading from the humanities, experiential exercises, films and contemporary readings on leadership. No prerequisite.

IND123 A / 3 cr. hrs.

JEWISH THOUGHT AND CULTURE

Examines intellectual and cultural achievements of Jewish civilization. In particular, the central philosophical idea of Judaism is examined through writings of key Jewish philosophers such as Maimonides, Rosenzweig and Buber. Cultural achievements in such areas as literature, film, art, and music are discussed both for their intrinsic aesthetic value and for what they reveal about Jewish life. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

IND295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN INTERDISCIPLINARY STUDIES

Special and current topics in Interdisciplinary Studies may be available. See the online catalog for a complete listing.

IND296 A-E-G / 3-4 cr. hrs.

HONORS SPECIAL TOPICS IN INTERDISCIPLINARY STUDIES

Honors special topics courses in Interdisciplinary Studies may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing. No prerequisite.

INTERIOR DESIGN

INT101‡ E / 3 cr. hrs.

INTERIOR DESIGN I

Introduction to aesthetic, cultural and functional considerations that shape the interior environment. Principles of design, space planning, color, textile, selection of furniture are explored as they relate to interior space. Studio sessions focus on residential spaces that introduce mechanical drawings skills, scaled floor plans and elevations. Presentations will emphasize the importance of verbal and graphic skills to communicate the design solution. (1 hr. lecture, 4 hrs. studio each week.) (Offered fall semester only.) No prerequisite.

INT102‡ E / 3 cr. hrs.

INTERIOR TEXTILES AND FINISHES

A survey of the history, science, and proper application of textiles and finishes in the interior environment. Examination and evaluation of textile identification, proper selection, methods of weaving, testing, and maintenance of textiles. Demonstration through case studies of specifications, estimating of textiles and finishes, green design and textile codes. Culminates with the psychological and physical advantages of textiles in today's interiors. (2 hours lecture, 2 hours studio) (Offered fall semester only.) No prerequisite.

INT103‡ E / 3 cr. hrs.

INTERIOR DESIGN II

Continuation of Interior Design I in which more complex design problems are approached and drawing skills are refined. Through studio sessions, a series of residential spaces are evaluated, client needs assessed, and trade sources explored so as to further develop the design process from an abstract concept to a designed solution. Floor plans and elevations are graphically supported by axonometric and isometric paraline drawings. An emphasis is placed on professional presentations and oral communication skills. (1 hr. lecture, 4 hrs. studio each week.) (Offered spring semester only.) Prerequisite: INT101 or permission of instructor.

INT105 E / 3 cr. hrs.

HISTORY OF INTERIORS AND ARCHITECTURE I

A comprehensive survey of the major historical styles of architecture, interiors, furniture and decorative arts from the ancient world through the 18th century. Lectures, readings and field trips focus on the development and recognition of styles: Antiquity, Renaissance, Baroque, Rococo, Neoclassic, and Empire. (Offered spring semester only.) No prerequisite.

INT107‡ E / 3 cr. hrs.**COLOR FOR INTERIORS**

Focuses on the fundamentals of color through the exploration of how color and light relate to the world of interiors. Concentration will be on color theory and its application to interiors. Gouache paints will be utilized to demonstrate color harmony in interiors: walls, flooring, upholstery, and window treatments. The psychological and practical influences affecting the choice of color will be explored through studio projects. (2 hours lecture, 2 hours studio.) (*Offered spring semester only.*) Prerequisite: INT101 or permission of instructor.

INT115 E / 1.5 cr. hrs.**INTERIOR DESIGN CAREERS SEMINAR**

Interior Design Careers Seminar introduces first-year interior design students to career exploration and study skills needed to succeed in the field of professional interior design. This course also focuses on learning opportunities, the rigors of higher education, and the skills needed to use academic resources successfully in college. Topics for class discussion will include time management, test taking, reading and study skills, library skills, campus resources and personal/professional relationships. (*Offered fall semester only.*) No prerequisite.

INT201‡ E / 3 cr. hrs.**INTERIOR DESIGN III**

Residential projects of increasing levels of complexity and scope are used to enhance and expand design skills. Thumbnail sketching, rendering, one and two point perspective graphically support design solutions. An introduction to conceptual and practical methods of designing non-residential interior spaces (contract design work). Emphasis on interplay of programming, bubble schematics, flow charts, color, texture and lighting to emphasize the power of design in public spaces. Creative presentation techniques and refined oral skills are emphasized. (6 hrs. studio.) (*Offered fall semester only.*) Prerequisite: INT103 or permission of instructor.

INT205‡ E / 3 cr. hrs.**WORKING DRAWINGS**

Foundation course in developing a complete set of interior construction drawings. One interior space of approximately 2,000 square feet is designed based on program and space analysis, building codes, and architectural and structural constraints. Two-dimensional working drawings such as floor, demolition, construction, furniture and lighting plans, and elevations are the graphic means for problem-solving. Three-dimensional drawings, axonometric and perspective, complete the design process. (6 hrs. studio each week.) (*Offered fall semester only.*) Prerequisite: INT103 or permission of instructor.

INT208 E / 3 cr. hrs.**PROFESSIONAL PRACTICE FOR INTERIOR DESIGNERS**

Introductory course which examines practical, financial, legal and business considerations of the practicing interior designer. Case studies provide the basis for formulation of contracts, cost and materials estimating, pricing, project development and letters of agreement. Professional ethics and interpersonal communication skills as they relate to the field and to client relationships are emphasized. Students required to participate in field trips that may exceed scheduled classroom hours. (*Offered fall semester only.*) Prerequisite: INT103 or permission of instructor.

INT220‡ E / 4 cr. hrs.**MATERIALS AND CONSTRUCTION METHODS FOR INTERIOR DESIGNERS**

Synthesizing of product knowledge and finishes. Proper application and details stressed. Students develop a complete set of schedules for windows, doors, wall finishes, plumbing fixtures and lighting. Modelmaking, code requirements, barrier-free design, estimating and cost analysis are integrated into the series of drawings. (2 hrs. lecture, 4 hrs. studio per week.) (*Offered spring semester only.*) Prerequisite: INT205 or permission of instructor.

INT226‡ E / 3 cr. hrs.**KITCHEN AND BATH DESIGN**

This course is an in-depth introduction to residential kitchen and bath design, with the aim of developing expertise for planning and creating functional, efficient, and aesthetically pleasing kitchens and baths. From design concept to construction, emphasis is placed on floor plans, elevations, perspectives, specifications of materials and finishes, appliance selection, and cabinet design. Studio projects will analyze and apply National Kitchen and Bath standards. (2 hours lecture, 2 hours studio.) (*Offered spring semester only.*) Prerequisite: INT101 or permission of instructor.

INT227‡ E / 3 cr. hrs.**INTERIOR DESIGN PORTFOLIO AND ASSESSMENT**

This capstone course provides the skills and guidance for preparing an interior design portfolio in both manual and digital format. In a professional format, the portfolio illustrates an individual's skill level and knowledge of interior design through program course projects. The course also examines a comprehensive overview of the skills and content of the N.C.D.I.Q. exam. Students taking this course must be in their final semester of the Interior Design Program. (2 hours lecture, 2 hours studio.) (*Offered spring semester only.*) Prerequisite: INT201 and INT205 or permission of instructor.

INT230‡ **E / 3 cr. hrs.**
**COOPERATIVE EDUCATION AND
 INTERNSHIPS IN INTERIOR DESIGN**

Supervised on-the-job training directly related to field of interior design. Integrates classroom theory with practical work experience. A weekly one-hour seminar held on campus and a minimum of 120 hours working in interior design field are required. Registration in this course requires that students purchase liability insurance through the college. (1 hour lecture and field work.) (*Offered spring semester only.*) Prerequisite: INT201, INT205, INT208 and a minimum overall cumulative grade point average of 2.80. BUS150 or IND140 may be substituted for INT230 with permission of department.

INT295 **E / 3-4 cr. hrs.**
SPECIAL TOPICS IN INTERIOR DESIGN

Special and current topics in Interior Design may be available. See the online catalog for a complete listing.

ITALIAN

ITL101-ITL102 **A-E-G / 3 cr. hrs.**
ELEMENTARY ITALIAN I AND II

Introductory sequential courses in Italian which develop four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Basic concepts of Italian culture are introduced. Required online workbook/lab manual component. ITL101 is for students with little or no knowledge of Italian; it is not appropriate for native / fluent speakers of Italian; ITL201 is recommended or see academic chair. (See guidelines chart in the College catalog under “Foreign Languages.”) Prerequisite: for ITL102: ITL101 or fulfillment of equivalent high school placement requirement. (See guidelines chart under “Foreign Languages.”)

Notes: Credit given for (1) either or both courses in the ITL101-ITL102 sequence or (2) ITL113, but not for both options. Fulfills SUNY General Education Requirement for Foreign Language.

ITL113 **A-E-G / 6 cr. hrs.**
**INTENSIVE ELEMENTARY ITALIAN I
 AND II**

Accelerated course covering elementary Italian sequence (ITL101 and ITL102) in one semester. Required online workbook/lab manual course component. This course is not appropriate for native / fluent speakers of Italian; ITL201 recommended or see academic chair. No prerequisite.

Notes: May not be taken for credit after any other course in Italian. Fulfills SUNY General Education Requirement for Foreign Language.

ITL201 **A-E-G / 3 cr. hrs.**
INTERMEDIATE ITALIAN I

Continuing study of structures of Italian with more intensive oral and writing practice. Cultural and literary selections will be introduced. Required online workbook/lab manual course component. Prerequisite: ITL102 or fulfillment of equivalent high school placement requirement. (See guidelines chart in College catalog under “Foreign Languages” or see academic chair.)

Note: Fulfills SUNY General Education Requirement for Foreign Language.

ITL202 **A-E-G / 3 cr. hrs.**
INTERMEDIATE ITALIAN II

Structural review focusing on oral and written communication. Introduction to social, political and cultural aspects of Italian world through analysis of wide range of authentic literary and cultural selections. Prerequisite: ITL201 or fulfillment of equivalent high school placement requirement. (See guidelines chart in College catalog under “Foreign Languages” or see academic chair.)

Note: Fulfills SUNY General Education Requirement for Foreign Language.

ITL220 **A-G / 3 cr. hrs.**
**ITALIAN CONVERSATION AND
 COMPOSITION**

Advanced-level Italian course focusing on development of oral and written communication skills within wide range of contexts and situations. Reviews specific grammatical structures, broadens general vocabulary and enhances correct pronunciation techniques to strengthen accuracy and precision in oral and written Italian. Prerequisite: ITL202 or fulfillment of equivalent high school placement requirements. (See guidelines chart in College catalog under “Foreign Languages” or see academic chair.)

Note: Fulfills SUNY General Education Requirement for Foreign Language.

ITL221 **A-G / 3 cr. hrs.**
CULTURE AND CIVILIZATION OF ITALY

Overview of culture and civilization of Italy through examination of literature, history and art forms, including film, music and mass media. Given in Italian. Prerequisite: ITL202 or fulfillment of equivalent high school placement requirements. (See guidelines chart under “Foreign Languages” or see academic chair.)

ITL222 **A-G / 3 cr. hrs.**
**SURVEY OF CONTEMPORARY ITALIAN
 LITERATURE**

Study of representative works of 20th and 21st century Italian literature. Students read, analyze and discuss selections from prose, poetry and theatre. Given in Italian. Prerequisite: ITL202 or fulfillment of equivalent high school placement requirements. (See guidelines chart under “Foreign Languages” or see academic chair.)

ITL295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN ITALIAN

Special and current topics in Italian may be available. See the online catalog for a complete listing.

ITL296 A-E-G / 3-4 cr. hrs.

HONORS SPECIAL TOPICS IN ITALIAN

Honors special topics courses in Italian may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

JAPANESE

JPN101-JPN102 A / 3 cr. hrs.

ELEMENTARY JAPANESE I AND II

Introductory sequential courses in Japanese which develop the four language skills of listening, speaking, reading, and writing with emphasis on communicative competence. Basic concepts of Japanese culture are introduced. Required online workbook/lab manual course component. This course is for students with little or no prior knowledge of Japanese. Prerequisite for JPN102: JPN101 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.") No prerequisite.

Note: Fulfills SUNY General Education Requirements for Foreign Language.

JPN201 A / 3 cr. hrs.

INTERMEDIATE JAPANESE I

The second course in the sequence of the intermediate Japanese courses which further develops the four language skills of listening, speaking, reading, and writing with continued emphasis on communicative proficiency at a more complex level. Completion of workbook/lab manual required. Advanced concepts of Japanese culture are also introduced. Prerequisite: JPN102 or fulfillment of high school placement requirement. (See guidelines chart under "Foreign Languages" or see academic chair.)

Note: Fulfills SUNY General Education Requirements for Humanities.

JPN202 A / 3 cr. hrs.

INTERMEDIATE JAPANESE II

The second course in the sequence of the intermediate Japanese courses which further develops the four language skills of listening, speaking, reading, and writing with continued emphasis on communicative proficiency at a more complex level. Completion of workbook/lab manual required. Advanced concepts of Japanese culture are also introduced. Prerequisite: JPN201 or fulfillment of high school placement requirement. (See guidelines chart under "Foreign Languages" or see academic chair.)

Note: Fulfills SUNY General Education Requirement for Humanities

JPN295 A / 3-4 cr. hrs.

SPECIAL TOPICS IN JAPANESE

Special and current topics in Japanese may be available. See the online catalog for a complete listing.

JPN296 A / 3-4 cr. hrs.

HONORS SPECIAL TOPICS IN JAPANESE

Honors special topics courses in Japanese may be available for Honors students as well as those who have received permission from campus honors program coordinator. See online catalog for a complete listing.

JOURNALISM

Journalism courses satisfy English elective requirements.

ENG170 A-E-G / 3 cr. hrs.

INTRODUCTION TO JOURNALISM

Emphasis on various kinds of journalistic writing. Additional areas of concentration include graphics and design, photo journalism and broadcast journalism. Prerequisite or corequisite: ENG101

ENG171 A-E-G / 3 cr. hrs.

INTERMEDIATE NEWS AND FEATURE WRITING

In-depth study of reporting news and writing features, with emphasis on developing sources of news, such as governmental bodies, police stations, courts and boards of education. Emphasis on covering events in municipalities in and around Suffolk County. (*Offered spring semester only.*) Prerequisites: ENG101 and ENG170.

ENG172 A / 3 cr. hrs.

MAGAZINE WRITING AND PUBLICITY

Prepares students for writing magazine articles and introduces study of public relations. Students learn to write query letters. Includes material on interviewing and developing sources to prepare longer stories for magazine market. Students learn how to prepare and market story for publication. Students write press releases and work on developing publicity campaigns. (*Offered fall semester only.*) Prerequisite: ENG101, ENG170 or permission of instructor.

ENG174 A / 3 cr. hrs.

CONTEMPORARY NONFICTION JOURNALISM

Current books of nonfiction are read and discussed. Includes selections from books of "New Journalism as well as nonfiction novels of a narrative and documentary type by such writers as Truman Capote, Joan Didion, Hunter Thompson, Betty Friedan, Jimmy Breslin, Tom Wolfe, Norman Mailer, Gay Talese and Theodore White. ENG102 recommended prerequisite. Prerequisite: ENG101.

ENG175‡ A-E-G / 3 cr. hrs.

JOURNALISM PRACTICUM

Offers three credits for students who work 30 contact hours per semester on the student newspaper. Includes working on all phases of the newspaper: editing, reporting, feature writing, photography, layout, advertising, editorial writing and sports writing. Students meet weekly with instructor for evaluation of their work. Registration priority given to students working on student newspaper. Registration in this course requires that students purchase liability insurance through the college. (*Offered spring semester only.*) Prerequisites: ENG101, ENG170 or permission of instructor. Course restricted to journalism majors or newspaper staff members.

ENG200 A / 3 cr. hrs.

EDITING AND DESIGN

The study of editing and design techniques for print and electronic media. Methods for editing and packaging stories will be discussed, as well as design and pagination. Headline writing, caption writing, and typography and their employment in newspaper design will be explored. Use of the Associated Press Style Manual will be emphasized. (*Offered spring semester only.*) Prerequisite: ENG101 and ENG170.

LATIN

LAT101-LAT102 A / 3 cr. hrs.

ELEMENTARY LATIN I AND II

Beginning sequential courses in Latin which develop sentence structure including noun forms and verb usages of tense, mood and voice. Attention given to influence of Latin on English vocabulary. Readings of authentic cultural, literary and historical materials. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Foreign Language.

LAT295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN LATIN

Special and current topics in Latin may be available. See the online catalog for a complete listing.

LAT296 A-E-G / 3-4 cr. hrs.

HONORS SPECIAL TOPICS IN LATIN

Honors special topics courses in Latin may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

LIBRARY RESEARCH

Note: Credit given for LIB101 or LIB103, but not both.

LIB101 A-E-G / 1.5 cr. hrs.

RESEARCH ESSENTIALS: THE LIBRARY AND THE INTERNET

Information literacy course that provides students with essential skills for finding and using information from traditional and Internet sources. Through demonstrations and hands-on activities, students gain techniques for defining research topics, creating search strategies, gathering relevant sources, and critically evaluating information. No prerequisite.

Note: Can be used to fulfill Freshman Seminar requirement.

LIB103 A-E-G / 3 cr. hrs.

LIBRARY RESEARCH METHODS

Enhances basic concepts and skills needed to complete college-level research. Prepares individuals to make effective life-long use of information sources and information systems. Instruction focuses on developing systematic method of research and gaining confidence in techniques of locating information, including electronic resources. No prerequisite.

Note: Can be used to fulfill Freshman Seminar requirement.

MANUFACTURING TECHNOLOGY

MFT101‡ G / 5 cr. hrs.

INTRODUCTION TO MACHINE TOOL THEORY – LAB I

This course covers the purpose, setup, and safe use of basic hand and machine tools for metalworking. The operation of drill presses, saws, grinders, milling machines, and lathes is studied. Content includes tool and cutter selection; milling, turning, and grinding practices; cutting speeds and feeds; coolants; industrial safety; and the use of bench and layout tools, measuring instruments, gauges, and various inspection practices. Basic drawing interpretation and inspection and planning documentation are also covered. The student learns to apply basic math functions to the manufacture of various components. Lab sessions provide opportunities to apply the theory covered in the lecture portion of this course. Corequisite: MAT112.

MFT102‡ **G / 5 cr. hrs.**

MANUFACTURING/CNC THEORY – LAB II

As a continuation of MFT101: Machine Tool Theory—Lab I, this course covers more advanced techniques of manual machine tool fabrication as they apply to drill presses, saws, lathes, milling machines, and surface/cylindrical grinders as well as the introduction to manufacturing processes, such as electric discharge, water jet, laser cutting, metal forming, metal casting, and welding. Also covered is the setup and operation of Computer Numerical Control (CNC) machines that will include accessing quick code and intuitive canned programs, as well as defining the use of G and M codes in the programming of CNC machine tools as they pertain to turning and machining centers. Lab sessions will provide opportunities for hands-on application of knowledge gained from theory covered in lecture, discussion, and homework. Prerequisite: MFT101; corequisite: MAT113.

MFT110‡ **G / 2 cr. hrs.**

INTERPRETING ENGINEERING DRAWINGS

This course introduces the principles of engineering drawing, such as lines, views, dimensioning, sketching, visualization, and interpreting traditional drawings. It also covers the philosophy and principles behind Geometric Dimensioning & Tolerancing (GD&T) and how they are used in the manufacturing arena. No prerequisite.

MFT150‡ **G / 2 cr. hrs.**

MANUFACTURING INFORMATION SYSTEMS

This course illustrates the use of microcomputers in the organization, analysis, and presentation of manufacturing-related data, using, but not limited to, Microsoft Office group software that integrates word processing, spreadsheet, presentation, and database management. Emphasis on real-world solutions to manufacturing-related tasks and problems will be the focus of this course. No prerequisite.

MFT201‡ **G / 4 cr. hrs.**

ADVANCED MACHINING PROCESSES – LAB III

This course is a continuation of MFT102. It stresses advanced planning skills, setup, fabrication, quality-control techniques, and process documentation of all assigned parts produced on manual/computerized mills and lathes, vertical/horizontal saws, drill presses, and grinders. Also emphasized is the practical theory and application behind the concept, design, fabrication, setup, and utilization of fixtures used in the fabrication of shafts, cylinders, flywheels, connector rods, valve blocks, eccentrics, and other complex parts. Also stressed is the use of the personal computer in the development of manual G- and M-code-based machine-tool programs, as well as exposure to more advanced canned CNC machine-tool programs and tooling. Prerequisite: MFT102.

MFT202‡ **G / 4 cr. hrs.**

MANUFACTURING CAPSTONE PROJECT LAB IV

This course is a continuation of MFT201. The goal for this course is the successful fabrication, final assembly, documentation, and presentation of a capstone project. Still stressed in this course are advanced planning skills, setup, fabrication, and quality-control techniques, along with development of problem-solving skills, final-assembly techniques, and ISO 9000 based documentation requirements. Parts will be produced on manual/computerized mills and lathes, vertical/horizontal saws, drill presses, etc. Emphasis is placed on the application of all skills acquired in this and all other courses taken as part of the MFT Program, such as CAD, CAM, process planning, machining theory, and metallurgy, along with computer, math, and English skills. Emphasis will be on group dynamics, i.e., individuals working in teams in order to successfully complete a complex technical project. Prerequisite: MFT201.

MFT210‡ **G / 3 cr. hrs.**

COMPUTER GRAPHICS APPLICATION I (INTRODUCTION TO CAD)

This is a conceptual course designed to introduce the use of computer-aided drafting and design as a productivity tool by using commercial CAD software, as well as the interaction of software and hardware. Upon successful completion, students will be proficient in the use of a CAD system for 2-D and 3-D mechanical-component design and drafting, dimensioning techniques, drawing layout, and presentation. Prerequisite: MFT110.

MFT211‡ **G / 3 cr. hrs.**

COMPUTER AIDED MANUFACTURING (CAM)

This course covers development and/or transfer of CAD-type drawings by using commercial Computer-aided Manufacturing (CAM) software, such as Mastercam®; for generating G- and M-coded toolpaths for computerized mill and turning centers. Emphasis on programming methodology and proper application of cutting tools. Student activity will include hands-on operation of CNC machine tools to produce assigned parts. Prerequisite: MFT102 and MFT210.

MFT230‡ **G / 2 cr. hrs.**
QUALITY ASSURANCE AND INSTRUMENTATION

This course provides an overview of the quality-assurance/control function as it applies to design, manufacture, material purchase, customer-furnished material, process control, inspection and testing, records, equipment control, and corrective action. Also covered are statistical-process control techniques used in industry today, such as probability-distribution models (normal, chi-squared, F distributions); standard deviation; variance; mean, mode, and median; and customer satisfaction. The course will cover the various techniques and philosophies of total-quality management, such as six sigma and ISO 9000. Lab sessions will provide the opportunity for hands-on application as it pertains to a variety of quality assurance/control instrumentation and philosophies used in industry today. Prerequisite: MFT101 and MFT110.

MFT240 **G / 3 cr. hrs.**
MATERIALS OF INDUSTRY

Covers the selection of materials for modern engineering and technology applications and their structural properties. Topics include micro-structural control and the effects of thermal and mechanical processing on the materials. In addition, the manufacturing of different types of materials, heat treatments, and the effects of testing, machinability, and material properties will be discussed. Prerequisite: MAT113 and PHY112.

MFT250‡ **G / 3 cr. hrs.**
INDUSTRIAL CONTROLS

This course develops a basic understanding of the technical concepts required to maintain and service various manufacturing equipment in use today. Students will cover the fundamentals of electricity, motors and motor control, PLC (Programmable Logic Controls), pneumatics and hydraulics, and machine maintenance. Prerequisite: MFT240 and PHY112.

MFT295 **G / 3-4 cr. hrs.**
SPECIAL TOPICS IN MANUFACTURING TECHNOLOGY

Special and current topics in Manufacturing Technology may be available. See the online catalog for a complete listing.

MARINE SCIENCE

MAR105‡ **A-E-G / 4 cr. hrs.**
INTRODUCTION TO OCEANOGRAPHY

Life in the oceans is studied against a background of its interaction with the physical, chemical and geological environment. Lectures, laboratory and field trips explore fundamental properties which underlie oceanic phenomena. For liberal arts and general studies students. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

MAR111‡ **A-E-G / 4 cr. hrs.**
MARINE BIOLOGY

Populations of animals and plants inhabiting Long Island's intertidal and nearshore environments are studied. Special attention given to the biology and natural history of these organisms. Community relationships and effects of abiotic environment on coastal populations also emphasized. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

MAR121‡ **A / 4 cr. hrs.**
MARINE HABITAT ECOLOGY

This course focuses on the origin, development, structure, function and ecology of marine habitats and ecosystems. The course covers the anthropogenic effects of human use and abuse on these systems. This course is designed for non-science students and can be a stand-alone or follow-up course to MAR 111 (Marine Biology) or MAR 105 (Oceanography). This course requires a series of off-site classes to be held outside. Students should consider their ability to complete field work before registering for this course. Please note that these off-site classes will be held during regularly-scheduled class/lab time(s) and may include approximately 2-4 "other" dates (with alternative, on campus, options offered). (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

MAR295 **A-E-G / 3-4 cr. hrs.**
SPECIAL TOPICS IN MARINE SCIENCE

Special and current topics in Marine Science may be available. See the online catalog for a complete listing.

MAR296 **A-E-G / 3-4 cr. hrs.**
HONORS SPECIAL TOPICS IN MARINE SCIENCE

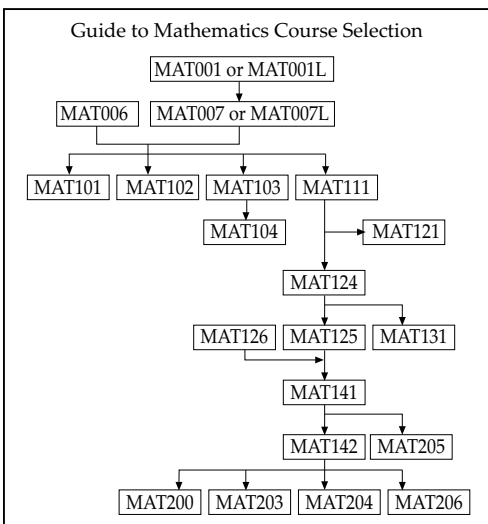
Honors special topics courses in Marine Science may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

MATHEMATICS

Placement

Incoming students are initially placed into mathematics courses based on their mathematics background and SCCC placement test score. Those students who have not studied mathematics within the past two years should discuss their level of mathematics competency with the counseling center or department of mathematics. Students who place into MAT001 must also complete MAT007 after they pass MAT001 in order to complete the developmental sequence. Following the completion of MAT007, refer to the "Guide to Mathematics Course Selection" and course descriptions listed below.

The following diagram is presented to assist students in selecting mathematics courses based on their mathematics placement:



Prerequisite Waiver Forms

These forms are student initiated and are completed by the campus Associate Dean, the mathematics department or (on the Eastern Campus) the counseling center. This must be done prior to registering for courses. Prerequisite waivers are required for students who have not completed the prerequisite course at SCCC.

Tutoring

Mathematics tutoring services are provided free through the Math Learning Center (Ammerman Campus, Riverhead 235), Academic Skills Center (Eastern Campus, Montaukett LRC224), and Center for Academic Excellence (Grant Campus, HSE Building 129). Students can use any of the tutoring services regardless of the campus they take their coursework.

MAT001L A-E-G / 4 hrs. MATHEMATICS LABORATORY

Provides opportunity to receive recognition for MAT001 and/or MAT007 in computer-enhanced non-traditional setting. Through combination of computer-based lessons, collaborative learning and group instruction, students progress at own pace to learn required materials for course in which they are enrolled. Students beginning with MAT001 can seamlessly move into MAT007 and receive recognition for highest course completed during the semester. If objectives of course are not completed within the semester, students may register again the following semester and continue from the level previously reached. MAT001L and MAT007L do not fulfill requirements for any degree or certificate. No prerequisite.

MAT001 A-E-G / 3 hrs. DEVELOPMENTAL MATHEMATICS SKILLS

For the student who needs to learn or strengthen basic arithmetic skills, introductory plane geometry concepts, and to prepare for entry into beginning algebra. Grading in this course determined by mastery of completed topics. Graded on an S-R-U-W basis. Does not fulfill requirements for any degree or certificate. Students taking this course must also take MAT007 before enrolling in a college-level mathematics course. No prerequisite.

MAT006 A-E-G / 5 hrs. PRE-ALGEBRA AND ALGEBRA I

Review of arithmetic skills and introduction to the basic concepts of algebra. Topics include arithmetic skills, geometry, language of algebra, order of operations, signed numbers, linear equations, two equations in two unknowns, polynomials, solving quadratic equations by factoring, and selected verbal problems. Graded on an SA-SB-SC-R-U-W basis. Does not fulfill requirements for any degree or certificate. Serves as a prerequisite for any course for which MAT007 is a prerequisite. No prerequisite.

MAT007 A-E-G / 4 hrs. ALGEBRA I

Introduction to basic concepts of algebra. Equivalent to first-year high school algebra. Topics include language of algebra, order of operations, signed numbers, linear equations, simultaneous equations, factoring, solving quadratic equations by factoring, application of algebra to selected verbal problems. Graded on an SA-SB-SC-R-U-W basis. Does not fulfill requirements for any degree or certificate. No prerequisite.

MAT007L A-E-G / 4 hrs. MATHEMATICS LABORATORY

Provides opportunity to receive recognition for MAT001 and/or MAT007 in computer-enhanced non-traditional setting. Through combination of computer-based lessons, collaborative learning and group instruction, students progress at own pace to learn required materials for course in which they are enrolled. Students beginning with MAT001 can seamlessly move into MAT007 and receive recognition for highest course completed during the semester. If objectives of course are not completed within the semester, students may register again the following semester and continue from the level previously reached. MAT001L and MAT007L do not fulfill requirements for any degree or certificate. No prerequisite.

Mathematics

MAT101 A-E-G / 3 cr. hrs.
SURVEY OF MATHEMATICAL REASONING

Liberal arts mathematics course which provides insight into nature of mathematical reasoning by examining basic structures such as logic, sets, real numbers, numeration systems and inductive reasoning. Prerequisite: MAT006 or MAT007 or equivalent.

Notes: Credit given for MAT101 or MAT107 but not both. Fulfills SUNY General Education Requirement for Mathematics.

MAT102 A-E-G / 3 cr. hrs.
SURVEY OF CONTEMPORARY MATHEMATICAL TOPICS

Liberal arts mathematics course providing an appreciation of contemporary mathematics by examining nontraditional topics such as probability and statistics; theories of games, groups and numbers; and finite differences. Prerequisite: MAT006 or MAT007 or equivalent.

Notes: Credit given for MAT102 or MAT108 but not both. Fulfills SUNY General Education Requirement for Mathematics.

MAT103 A-E-G / 3 cr. hrs.
STATISTICS I

For students interested in social sciences, health sciences, business and industry. Theory of probability is used to develop methods of statistical inference, confidence intervals and decision theory. Topics include sample spaces, statistical models, binomial and normal distribution, t-distribution and chi-square distribution. Prerequisite: MAT006 or MAT007 or equivalent.

Note: Fulfills SUNY General Education Requirement for Mathematics.

MAT104 A-E-G / 3 cr. hrs.
STATISTICS II

For students interested in social sciences, health sciences, business and industry. Expands on statistical concepts and methods treated in MAT103 and provides opportunity to apply statistical methods to an actual survey. Teaches how to select a sample, interview respondents and analyze data. Additional topics include non-parametric statistics, correlation and regression, analysis of variance and decision making. Prerequisite: C or better in MAT103.

MAT106 G / 3 cr. hrs.
MATHEMATICS FOR HEALTH SCIENCE

For students pursuing nursing, veterinary science technology and other health science degrees. Includes review of basic concepts such as proportions, exponents, and the Cartesian coordinate system. Topics include scientific notation, dosage calculation, metrics, dimensional analysis, logarithms and logarithmic scales, vectors, basic statistical terms, simple biostatistics. Prerequisite: MAT006 or MAT007 or equivalent.

MAT107‡ A-E-G / 4 cr. hrs.
COMPUTER MATHEMATICS CONCEPTS

For students pursuing a Computer Technology degree program. Stresses problem-solving and computer mathematics concepts. Taught with a computer lab component. Topics include number systems, computer arithmetic, sets, logic, functions, vectors, matrices, sequence, selection and repetition, and problem solving. Prerequisite: MAT006 or MAT007 or equivalent.

Note: Credit given for MAT107 or MAT101, but not both.

MAT108 A-G / 3 cr. hrs.
MATHEMATICS AND THE LAW

For students pursuing Paralegal Studies degree program. Topics include statistics, logic, consumer mathematics, functions, linear systems of equations, graphing, geometry and linear programming. Topics applied to legal problems such as introduction of statistical evidence, computation of damage awards, child support, preparation of mortgage and closing documents, completion of bankruptcy petitions, distribution of decedent's estate, calculation of taxes during probate, preparation of graphs for prospectuses, valuation of professional practice, computation of child support and maximization of law firm's profit. Prerequisite: MAT006 or MAT007 or equivalent.

Note: Credit given for MAT108 or MAT102 but not both.

MAT111 A-E-G / 4 cr. hrs.
ALGEBRA II

Continuation of study of basic concepts of algebra. Topics include brief review of elementary algebra, solutions of second-degree equations, radicals, complex numbers, rational expressions, polynomial expressions, rational exponents and roots, systems of equations and inequalities. Prerequisite: MAT006 or MAT007 or equivalent.

Note: Fulfills SUNY General Education Requirement for Mathematics.

MAT112 A-G / 4 cr. hrs.
TECHNICAL MATHEMATICS I

Restricted to students in certain technical curricula. Includes review of elementary algebra, scientific notation, use of calculator, linear functions, trigonometric functions, system of linear equations, solution of oblique triangles and vector addition, properties of exponents and radicals. Prerequisite: MAT006 or MAT007 or equivalent.

MAT113 A-G / 4 cr. hrs.
TECHNICAL MATHEMATICS II

Restricted to students in certain technical curricula. Covers use of calculator, complex numbers, theory and use of logarithms, basic theory of equations, trigonometric identities, inequalities and basic analytical geometry. Prerequisite: C or better in MAT112.

MAT115 **A-E-G / 4 cr. hrs.**
MATHEMATICS: AN HISTORICAL PERSPECTIVE

Honors course showing how mathematical methods and thinking have changed through centuries and are evolving still. Emphasis placed on people and events that are understandable to students with ordinary mathematics backgrounds. Covers material from ancient to present times and attempts to trace impact that mathematics has had on modern culture. Prerequisite: Enrollment in Honors Program or permission of Mathematics Academic Chair.

MAT116 **A / 4 cr. hrs.**
MATHEMATICAL PROBLEM SOLVING

Honors course for motivated students who want to explore a problem-solving approach to mathematics. Through individual and group collaboration, students will explore at least 15 different mathematical problem-solving strategies over various mathematical content areas (including geometry, algebra, logic, number theory, and discrete mathematics). Prerequisite: B or higher in MAT111 and B+ or higher in ENG101.

Note: Fulfills SUNY General Education Requirement for Mathematics.

MAT121 **A-E-G / 3 cr. hrs.**
FINITE MATHEMATICS

For students interested in business, social and managerial sciences. Introduction to basic concepts and techniques of those areas in mathematics which deal with finite sets. Topics include linear programming, probability theory, matrix manipulations, Markov Chains, game theory and optimization problems. Prerequisite: MAT111 or equivalent.

Note: Fulfills SUNY General Education Requirement for Mathematics.

MAT124 **A-E-G / 4 cr. hrs.**
FUNDAMENTALS OF PRECALCULUS I

Concept of function introduced early and used throughout course. Topics include zeros and graphs of polynomial functions, graphs and asymptotes of rational functions, exponential and logarithmic functions, introduction to trigonometry, angle measurement, right triangle trigonometry, properties and graphs of trigonometric functions. Prerequisite: C or better in MAT111 or successful completion of three years of college preparatory mathematics.

Notes: Credit given for MAT124 or MAT126, but not both. Successful completion of both MAT124 and MAT125 is equivalent to MAT126 completion. Fulfills SUNY General Education Requirement for Mathematics.

MAT125 **A-E-G / 4 cr. hrs.**
FUNDAMENTALS OF PRECALCULUS II

Concept of function used throughout course. Topics include trigonometric functions and inverses, identities and equations, laws of sines and cosines, DeMoivre's Theorem and complex numbers, polar and parametric equations, systems of linear equations and inequalities, partial fractions and the conics. Prerequisite: C or better in MAT124 or equivalent.

Notes: Credit given for MAT125 or MAT126, but not both. Successful completion of both MAT124 and MAT125 is equivalent to MAT126 completion. Fulfills SUNY General Education Requirement for Mathematics.

MAT126 **A-E-G / 4 cr. hrs.**
PRECALCULUS MATHEMATICS

For students with strong mathematics backgrounds planning to enter calculus sequence. Topics include polynomial, rational, trigonometric, exponential and logarithmic functions; conic sections; translation of axes; linear and nonlinear systems; trigonometric laws and formulas, and applications; DeMoivre's Theorem and complex numbers; polar and parametric equations; and partial fractions. (5 contact hours) Prerequisite: Successful completion of three years of college preparatory mathematics or equivalent (80 or better on Algebra II/Trig. examination).

Notes: Credit given for MAT124 or MAT126, but not both. Credit given for MAT125 or MAT126, but not both. Successful completion of both MAT124 and MAT125 is equivalent to MAT126 completion. Fulfills SUNY General Education Requirement for Mathematics.

MAT131 **A-E-G / 4 cr. hrs.**
CALCULUS FOR NON-SCIENCE MAJORS

For students of accounting, business, economics, social sciences and general studies. Involves study of functions, derivatives and integrals. Strong emphasis placed on application of these concepts to problems from fields of business, social sciences and some life sciences. Prerequisite: MAT124 or equivalent.

Notes: Credit given for MAT131 or MAT141, but not both. Fulfills SUNY General Education Requirement for Mathematics.

MAT141‡ **A-E-G / 4 cr. hrs.**
CALCULUS WITH ANALYTIC GEOMETRY I

Study of limits, continuity, theory and application of the derivative; related rate problems; maxima and minima; definite and indefinite integrals; areas under curves and volumes of revolution. (5 contact hrs.) Prerequisite: C or better in MAT125 or MAT126.

Notes: Credit given for MAT141 or MAT131, but not both. Fulfills SUNY General Education Requirement for Mathematics.

MAT142‡ A-E-G / 4 cr. hrs.

CALCULUS WITH ANALYTIC GEOMETRY II

Study of logarithmic, exponential and trigonometric functions; techniques of integration; trapezoidal rule and Simpson's rule; polar coordinates; indeterminate forms; L'Hopital's rule; improper integrals; Taylor's formula and infinite series. (5 contact hrs.) Prerequisite: C or better in MAT141.

Note: Fulfills SUNY General Education Requirement for Mathematics.

MAT200 A / 3 cr. hrs.

LANGUAGE, LOGIC AND PROOF

A basic course in the logic of mathematics, the construction of proofs and writing proofs. The mathematical content is primarily set theory, logic, number theory, introduction to basic analysis and Euclidean Geometry. There is considerable focus on writing proofs. Prerequisite: C or better in MAT142.

MAT203 A-E-G / 4 cr. hrs.

CALCULUS WITH ANALYTIC GEOMETRY III

Study of vectors and solid analytical geometry, vector calculus, partial derivatives, calculus of several variables, and multiple integration. Special topics may include Green's Theorem, Stoke's Theorem and other topics which may be of special interest to the class. Prerequisite: C or better in MAT142.

Note: Fulfills SUNY General Education Requirement for Mathematics.

MAT204 A-E-G / 4 cr. hrs.

DIFFERENTIAL EQUATIONS

Introduction to differential equations and their applications. Topics include separable equations, autonomous equations, direction fields, mathematical modeling, homogeneous and nonhomogeneous linear equations, linear systems of differential equations, power series solution of differential equations, nonlinear systems of equations and numerical methods. Prerequisite: C or better in MAT142.

Note: Fulfills SUNY General Education Requirement for Mathematics.

MAT205 A-G / 4 cr. hrs.

DISCRETE MATHEMATICS

Of special interest to students majoring in computer science and engineering as well as mathematics. Topics chosen from mathematical logic, set theory - an introduction to combinatorics, Boolean algebras with applications to circuit minimization, graph theory, difference equations, and algebraic structures with applications to coding theory. Prerequisite: C or better in MAT141.

Note: Fulfills SUNY General Education Requirement for Mathematics.

MAT206 A-G / 4 cr. hrs.

LINEAR ALGEBRA

Study of vector spaces, subspaces, linear independence, bases, dimension, linear transformations, matrices, diagonalization processes, eigenvalues and eigenvectors, determinants, Euclidean spaces and orthonormal bases. Prerequisite: C or better in MAT142.

Note: Fulfills SUNY General Education Requirement for Mathematics.

MAT295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN MATHEMATICS

Special and current topics in Mathematics may be available. See the online catalog for a complete listing.

MAT296 A-E-G / 3-4 cr. hrs.

HONORS SPECIAL TOPICS IN MATHEMATICS

Honors special topics courses in Mathematics may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

METEOROLOGY

MET101‡ A-E-G / 4 cr. hrs.

INTRODUCTION TO WEATHER

Introduction to elements and energies that are basic processes described as weather. Basic principles such as temperature, pressure, density, humidity and air movement are studied to provide basis for understanding long- and short-range forecasting, including severe weather phenomena such as hurricanes, tornadoes and storms. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

MET102‡ A-E / 4 cr. hrs.

PRINCIPLES OF WORLD CLIMATE

Introduction to distribution and causes of world climatic regions. Examines regional surface-atmosphere interactions that determine local climate. Major climate system phenomena discussed including global warming, ozone depletion, earth-sun relations and climate evolution. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

MET103 A / 3 cr. hrs.**GLOBAL CLIMATE CHANGE**

The impact of global climate change is far-reaching, both for humanity and the environment. This course will provide students with the scientific background to understand the role of natural and human-forced climate change so that they are better prepared to become involved in the discussion. Students will learn how past climates are determined and why humans are causing most of the observed modern day warming. The technical and political solutions to climate change will also be addressed. Prerequisite: MAT007.

MET295 A-E-G / 3-4 cr. hrs.**SPECIAL TOPICS IN METEOROLOGY**

Special and current topics in Meteorology may be available. See the online catalog for a complete listing.

MET296 A-E-G / 3-4 cr. hrs.**HONORS SPECIAL TOPICS IN METEOROLOGY**

Honors special topics courses in Meteorology may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

MUSIC**MUS101** A-E-G / 3 cr. hrs.**UNDERSTANDING MUSIC**

Introductory course which develops ability to listen to and understand music. Recorded and visual materials utilized in studying specific styles, forms and idioms, from Baroque to early 20th century. Concert attendance required. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities and The Arts.

MUS103 A-E-G / 3 cr. hrs.**HISTORY OF ROCK AND ROLL MUSIC**

Provides a broader experience in listening, analyzing and describing specific nomenclature of rock music. Covers aesthetic, political and social impact of rock music from its origins in 'Rhythm and Blues' to the rise of Elvis Presley and rockabilly, Chuck Berry and teenage rock, Bob Dylan and protest rock, British rock, psychedelic rock, art rock, soul and country rock. No prerequisite.

Notes: This course cannot be used to fulfill Humanities requirement for Music degree. Fulfills SUNY General Education Requirement for The Arts.

MUS105 A-E-G / 3 cr. hrs.**HISTORY OF JAZZ**

Surveys evolution of jazz from its African and West Indian origins to major contemporary styles. Emphasis on harmonic, melodic and rhythmic development; techniques of improvisation and style analysis of major performers. No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

MUS111‡ A-G / 2 cr. hrs.**PIANO FOR NON-MAJORS**

Provides basic beginning piano instruction to any student at the college. Teaches how to read music in treble and bass clef, play intervals up to an octave, chords of all qualities (major, minor, augmented, diminished), exercises using major and minor scales and five-finger patterns, and simple chord progressions. Allows students of MUS117 to participate in a piano class. No prerequisite.

MUS113 A-E-G / 3 cr. hrs.**FRET-BOARD THEORY/HARMONY**

Enhances basic skills in entry-level guitar students. Emphasis on melodic and chordal sight-reading, rhythms, position playing, modes and music theory as applied to guitar. Prerequisite for participation in Guitar Ensemble (MUS131). No prerequisite.

MUS115 A / 1.5 cr. hrs.**FRESHMAN SEMINAR FOR MUSIC MAJORS**

Introduces first semester music majors to the college experience and to the music program at SCCC. Students will gain skills that increase their level of preparedness and success in the college setting. Topics include academic advisement, time management, study skills, library research, and campus resources. In addition, the course will cover topics relevant to the major, such as music careers, transfer to four-year music schools, auditions, and performance. No prerequisite.

Note: Fulfills Freshman Seminar requirement for students in Music A.S. degree.

MUS117 A-G / 3 cr. hrs.**MUSIC FUNDAMENTALS**

For students with little or no previous theoretical music training. Provides understanding of basic music reading, notation, scales, keys, rhythm and meter. Recommended for non-music major who would like to learn rudiments of music theory. No prerequisite.

Note: This course cannot be taken by music majors as a music elective. Fulfills SUNY General Education Requirement for The Arts.

MUS120 G / 3 cr. hrs.**VOICE CLASS**

Considers development of singing voice. Concepts include principles of posture, breathing, vocalization, projection, selection of repertoire, diction, notation, interpretation, meaning and expression in singing, musicianship, stage presence and artistry. Skills acquired in class serve as foundation for more in-depth vocal study on private level. Prerequisite: permission of instructor.

Note: Fulfills SUNY General Education Requirement for The Arts.

Music

MUS121 A / 3 cr. hrs.

BASIC MUSICIANSHIP

For music majors. Students taking this course must be matriculated into the A.S. Music degree at Suffolk County Community College. Course provides the fundamental building blocks necessary to study music at the collegiate level. Topics covered include: music notation (pitch, harmony, rhythm, intervals, chords), and aural skills (melodic, harmonic, rhythmic dictation, solfeggio), and keyboard skills (melodies in both hands, chording, performance skills). A grade of "C" or better must be achieved by any music major wishing to be placed into MUS122: Music Theory I (Diatonicism). Offered on: A/ 3 cr. hrs. No prerequisite.

MUS122 A / 3 cr. hrs.

MUSIC THEORY I (DIATONICISM)

For students seeking a thorough understanding of music theory. Emphasis on keys, scales, intervals, chords, seventh chords, inversion, rhythm and diatonic chord progressions. Introduction to four-part writing with figured bass and popular music symbols. Prerequisite: The grade of "C" or better in MUS121: Basic Musicianship or successful completion of the Music Entrance Exam; corequisites: MUS123 and MUS124.

Notes: This course is restricted to music majors. It cannot be used as a humanities or liberal arts elective in any degree program. Fulfills SUNY General Education Requirement for The Arts.

MUS123 A / 2 cr. hrs.

AURAL SKILLS I

Introduction to basic skills of ear-training and sight-singing necessary for competent musicianship. Students learn to sing at sight and transcribe by ear all intervals, simple rhythms, and modal and diatonic melodies in simple and compound meters and in any mode or key. Sight-singing component conducted using the moveable "DO" system of Solfège. Parallels theoretical concepts covered in MUS122: Music Theory I. Prerequisite: The grade of "C" or better in MUS121: Basic Musicianship or successful completion of the Music Entrance Exam; corequisites: MUS122 and MUS124.

Note: This course is restricted to music majors. It cannot be used as a humanities or liberal arts elective in any degree program.

MUS124‡ A / 2 cr. hrs.

PIANO I

Class instruction in fundamentals of piano playing, designed to enable those who have no piano background to play simple compositions and scales. Pianos available for additional practice. Prerequisite: The grade of "C" or better in MUS121: Basic Musicianship or successful completion of the Music Entrance Exam; corequisites: MUS122 and MUS123.

Note: This course restricted to music majors. It cannot be used as a humanities or liberal arts elective in any degree program.

MUS125‡ A / 1 cr. hrs.

APPLIED MUSIC I

Private instruction in piano, guitar, voice, woodwinds, strings, percussion, or brass instruments. Students develop technical skills while preparing solo repertoire for Jury Examination I. One 45-minute lesson plus five hours of practice weekly and three required recitations. Prerequisite: Successful completion of a performance audition of a piece/étude on instrument or voice.

Note: Open to Music Majors only.

MUS126 A / 3 cr. hrs.

MUSIC THEORY II (DIATONICISM)

In-depth study of four-part writing utilizing triads, seventh chords, and figured bass. Also includes study of non-chord tones, phrasing, cadences, and usage of diatonic seventh chords. Creation of a four-part musical phrase from a given melody or bass line. Prerequisite: C or better in MUS122 and MUS123; corequisite: MUS127 and MUS128.

MUS127 A / 2 cr. hrs.

AURAL SKILLS II

Continuation of ear-training and sight-singing skills developed in MUS123: Aural Skills I. Students proceed with more diverse and challenging exercises in rhythm and meter, melody and four-voice harmony, including additional non-harmonic tones, dominant seventh chord and seventh chords on all diatonic scale degrees of a key and their inversions. Basic chromatic alterations of tones within a key—those associated with secondary dominants—are covered, and modulation to closely related keys is introduced. Chromatic Solfège used in sightsinging. Parallels theoretical concepts covered in MUS126: Music Theory II. Prerequisite: C or better in MUS122, MUS123, MUS124; corequisite: MUS126 and MUS128.

MUS128‡ A / 2 cr. hrs.

PIANO II

Continuation of MUS124 which concentrates on performance of easy, well-known selections and piano techniques. Pianos available for additional practice. Prerequisite: C or better in MUS122, MUS123 and MUS124. Corequisites: MUS126 and MUS127.

Note: This course restricted to music majors. It cannot be used as a humanities or liberal arts elective in any degree program.

MUS129‡ A / 1 cr. hrs.

APPLIED MUSIC II

Private instruction in piano, guitar, voice, woodwinds, strings, percussion, or brass instruments. Students develop technical skills while preparing solo repertoire for Jury Examination II. One 45-minute lesson plus five hours of practice weekly and three required recitations. Prerequisite: Applied Music I and successful completion of Jury Examination I.

MUS131‡ A / 2 cr. hrs.**GUITAR ENSEMBLE**

Classical, jazz, rock, country and folk music are played. Technical guitar skills and musical skills are improved through ensemble participation. Emphasis on those who wish to compose and hear their music performed. May be taken for credit for more than two semesters. Prerequisite: MU113 and audition.

Note: Fulfills SUNY General Education Requirement for The Arts.

MUS132‡ A-G / 2 cr. hrs.**COLLEGE ORCHESTRA**

Open to student and community instrumentalists who wish to perform masterworks from the orchestral repertoire from Baroque through 20th Century. Emphasis on developing technical and musical skills in ensemble and solo playing. Note: Since some musical works require specific instrumentation, certain instruments may not be needed in a particular term. Prerequisite: informal individual audition for seating purposes only. May be taken for credit for more than two semesters. May also be taken without credit (audit basis) with permission of director.

Note: Fulfills SUNY General Education Requirement for The Arts.

MUS133‡ A / 2 cr. hrs.**SYMPHONIC BAND**

Open to all brass, woodwind, percussion, and upright double bass players. Attendance at all classes and performances is mandatory. May be taken for credit for more than two semesters. May be taken without credit (audit basis) with permission of instructor. No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

MUS134‡ A / 2 cr. hrs.**JAZZ ENSEMBLE**

Open to all saxophone, trumpet, trombone, and rhythm section players. Attendance at all classes and performances is mandatory (both on and off campus). May be taken without credit (audit basis) with permission of instructor. Prerequisite: Must be able to read music. General audition required. Corequisite: MUS133 (Symphonic Band) for all students except guitar and piano players.

Note: Fulfills SUNY General Education Requirement for The Arts.

MUS135‡ A-E-G / 2 cr. hrs.**COLLEGE CHOIR**

Provides participants with opportunity to study and perform standard choral literature for mixed voices. Open to all students. Performances are part of class and attendance is mandatory. May be taken for credit for more than two semesters. May also be taken without credit (audit basis) with permission of director. Prerequisite: Ability to match pitch.

Note: Fulfills SUNY General Education Requirement for The Arts.

MUS136‡ A / 2 cr. hrs.**SUFFOLK SINGERS**

Structured study and performance of music with emphasis upon ensemble and analysis of stylistic practices. Some reading ability preferred. This ensemble is for experienced vocal musicians. Performances are part of class and attendance is mandatory. May also be taken without credit (audit basis) with permission of director. Prerequisite: audition. Corequisite: MUS135. May be taken for more than two semesters.

MUS138‡ A / 2 cr. hrs.**CONTEMPORARY MUSIC ENSEMBLE**

Focuses on study, rehearsal and performance of music composed during 20th century, with emphasis on works composed during last half of the century. In addition to the standard repertoire, new works are premiered by the ensemble. During preparation of these new compositions, ensemble works closely with composer in discussing compositional processes utilized. Enables students to gain knowledge and understanding of 20th century repertoire, compositional procedures, theoretical practices, historical movements and performance techniques. Prerequisite: C or better in MUS122 or permission of instructor.

MUS203 A / 3 cr. hrs.**MUSIC THEORY III**

Introduction to 16th century polyphony and 18th century counterpoint to include the motet, invention and fugue. In-depth study of modulation, secondary dominants and chromatic harmony, including borrowed chords, 9th, 11th and 13th chords, the Neapolitan 6th and augmented 6th chords. Analysis of examples from repertoire. Prerequisite: C or better in MUS126, MUS127, MUS128. Corequisite: MUS204.

MUS204 A / 2 cr. hrs.**AURAL SKILLS III**

Continuation of ear-training and sight-singing skills developed in MUS127: Aural Skills II, moving on to more complex rhythms, chromatic melodies and modulations to more distantly-related keys. Chromatic and borrowed harmonies in progressions are introduced, such as chords of the Neapolitan sixth, augmented sixth, and altered dominants, mediant and submediants. Parallels theoretical concepts covered in MUS203: Music Theory III. Prerequisite: C or better in MUS126, MUS127, and MUS128. Corequisite: MUS203.

MUS205‡ A / 1 cr. hrs.**APPLIED MUSIC III**

Private instruction in piano, guitar, voice, woodwinds, strings, percussion, or brass instruments. Students develop technical skills while preparing solo repertoire for Jury Examination III. One 45-minute lesson plus five hours of practice weekly and three required recitations. Prerequisite: Applied Music II and successful completion of Jury Examination II.

MUS206 A / 3 cr. hrs.

MUSIC HISTORY I

Examination of styles and genres of Western music from antiquity through 1750. Emphasis on style analysis, contributions of major composers, and relationship to social and cultural background. Required listening and score analysis. Prerequisite: MUS117 or equivalent, or permission of instructor.

Note: Fulfills SUNY General Education Requirement for Humanities and The Arts.

MUS208 A / 3 cr. hrs.

MUSIC THEORY IV

Introduction to 20th century techniques, including set theory, 12-tone, and serialism. Analysis of strophic, binary, ternary, compound ternary, fugal, sonata allegro, rondo forms and variation techniques. Analysis of examples from repertoire. Prerequisite: C or better in MUS203 and MUS204. Corequisite: MUS209.

MUS209 A / 2 cr. hrs.

AURAL SKILLS IV

Continuation of ear-training and sight-singing skills developed in MUS204: Aural Skills III, including complex rhythms, advanced chromatic melodies, ninth, eleventh and thirteenth chords, and non-triadic tonal harmonies. Emphasis placed on part-singing of vocal, chamber and orchestral works in open score. Aural skills sequence concludes with sight-singing and dictation of atonal melodies, and with atonal harmonies utilizing pitch-sets. Parallels theoretical concepts covered in MUS208: Music Theory IV. Prerequisite: C or better in MUS203 and MUS204. Corequisite: MUS208.

MUS210 A / 3 cr. hrs.

MUSIC HISTORY II

Examination of styles and genres of Western music from 1750 to the present. Emphasis on style analysis, contributions of major composers, and relationship to social and cultural background. Required listening and score analysis. Prerequisite: MUS206.

Note: Fulfills SUNY General Education Requirement for Humanities and The Arts.

MUS211‡ A / 1 cr. hrs.

APPLIED MUSIC IV

Private instruction in piano, guitar, voice, woodwinds, strings, percussion, or brass instruments. Students develop technical skills while preparing solo repertoire for a public recital. One 45-minute lesson plus five hours of practice weekly and three required recitations. Prerequisite: Applied Music III and successful completion of Jury Examination III.

MUS295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN MUSIC

Special and current topics in Music may be available. See the online catalog for a complete listing.

MUS296 A-E-G / 3-4 cr. hrs.

HONORS SPECIAL TOPICS IN MUSIC

Honors special topics courses in Music may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing. No prerequisite.

NURSING

Nursing (NUR) clinical courses require that students travel for clinical experiences throughout Suffolk County. Students enrolling in NUR clinical courses are automatically charged the liability insurance fee.

NUR101‡ A-G / 7 cr. hrs.

FUNDAMENTALS OF NURSING

Focuses on foundational knowledge, skills, and attitudes required for the safe practice of nursing. Includes concepts in the nursing process, patient & family-centered care; quality improvement, informatics and safety; evidence-based practice; diversity and cultural competence; health promotion and maintenance; teamwork and collaboration; and personal, professional and ethical development in the care of adults. Laboratory and clinical experiences emphasize development and application of foundational scientific principles, theory, skills and behaviors of nursing practice. Students enrolling in this course are automatically charged the liability insurance fee. (4 hrs. lecture, 2 hrs. college laboratory, 6 hrs. clinical laboratory.) Corequisites for Day Program: NUR116, NUR123, BIO130, PSY101.

NUR103 A-G / 2 cr. hrs.

DOSAGE CALCULATION FOR NURSES

Focuses on the knowledge, skills, and attitudes required for safe nursing practice in the administration of medications. Includes ratio and proportion methods for computing dosages for adults and children as well as conversions between and within systems, interpretation of prescriber orders, intravenous calculations, and effective strategies to deliver medications safely. Not a required course for nursing majors but recommended for all nursing students. Prerequisite: Admission to Nursing Program or permission of instructor.

NUR116 A-G / 1 cr. hrs.

NURSING SUCCESS

Facilitates transition into the nursing program with emphasis on qualities of professionalism in nursing, principles of evidence-based practice and critical thinking. Includes techniques of study and time management, test-taking, and use of library resources to enhance success in the nursing program. Prerequisite: Intended for students in Nursing program.

NUR123‡ **A-G / 3 cr. hrs.****HEALTH ASSESSMENT**

Focuses on health assessment as an integral part of the nursing process with emphasis on the collection and analysis of subjective and objective data by inspection, palpation, percussion and auscultation of body systems. Includes synthesis of findings, prioritization, and planning of interventions for health promotion and maintenance. Laboratory experiences emphasize essential interview and psychomotor skills of health assessment. (2 hrs. lecture, 2 hrs. college laboratory.) No prerequisite.

NUR124‡ **A-G / 4.5 cr. hrs.****LPN TO RN ADVANCED PLACEMENT**

Integrates prior knowledge of the practical nurse to utilize the nursing process for patient and family-centered care of the adult patient with acute and chronic physical and mental healthcare needs. Emphasis on critical thinking to analyze and prioritize care as well as development of beginning leadership and management skills is included. Laboratory and clinical experiences emphasize application of scientific principles, theory, skills and behaviors of registered nursing practice. Laboratory experiences emphasize essential psychomotor skill mastery. Students enrolling in this course are automatically charged the liability insurance fee. (2.5 hrs. lecture, 2 hrs. college laboratory, 3 hrs. clinical laboratory.) Prerequisite: BIO130, BIO132, ENG101, NUR123, NUR130, PSY101, SOC101 and English elective. Corequisite: NUR123.

NUR130 **A-G / 3 cr. hrs.****PN TO RN TRANSITION**

Facilitates transition from licensed practical nursing to registered nursing. Incorporates concepts of time management, values clarification, and critical thinking. Includes use of the nursing process for the development of a comprehensive, inter-professional plan of care. Required for all licensed practical nurses interested in being accepted to the advanced placement program. Prerequisite: Admission to Nursing Program or permission of instructor.

NUR133‡ **A-G / 5 cr. hrs.****ADULT PHYSICAL HEALTH NURSING I**

This course provides a continuation of the delivery of patient and family-centered care with an emphasis on critical thinking to plan and prioritize the individual adult health care needs. Application of emerging concepts in pharmacology, nursing process, caring, health promotion and maintenance, communication, documentation, teaching and learning, teamwork and collaboration, legal and ethical principles, evidence-based practice, quality improvement, and informatics are incorporated into this course. Students enrolling in this course are automatically charged the liability insurance fee. (2.5 hrs. lecture, 2 hrs. college laboratory, 4.5 hrs. clinical laboratory.) Prerequisite: NUR101 and NUR123; Corequisites: ENG101, SOC101 and BIO132.

NUR136‡ **A-G / 4 cr. hrs.****ADULT MENTAL HEALTH NURSING**

Focuses on the delivery of patient and family-centered care with an emphasis on critical thinking and nursing process to plan and prioritize the care of those with mental health issues. Advances skills in therapeutic verbal and nonverbal communication and assessment in the provision of individual and group interventions to promote self-esteem, anxiety reduction, and coping. Clinical experiences advance the development and application of scientific principles, theory, skills and behaviors of mental health nursing practice. Students enrolling in this course are automatically charged the liability insurance fee. (2.5 hrs. lecture, 4.5 hrs. clinical laboratory.) Prerequisite: NUR101 and NUR123; Corequisites: BIO132, ENG101, and SOC101.

NUR240‡ **A-G / 8 cr. hrs.****ADULT PHYSICAL HEALTH NURSING II**

Continued study of adult health with an advanced focus on acute and chronic physical illnesses, and patients with multiple healthcare issues. Students integrate prior knowledge of assessment to analyze and prioritize individual and community health needs from diverse backgrounds and coordinate patient and family-centered care through the use of evidence-based practice for planning teaching priorities. Students apply previously learned nursing knowledge, skills, and attitudes in the competencies of safety, pharmacology, teamwork and collaboration, leadership and management, quality improvement, informatics and advocating for the patient through communicating with members of the interprofessional healthcare team. Students enrolling in this course are automatically charged the liability insurance fee. (5 hrs. lecture, 9 hrs. clinical laboratory.) Prerequisite: NUR133 and NUR136, or NUR124; Corequisites: BIO244 and PSY210.

NUR246‡ **A-G / 4 cr. hrs.****CHILD HEALTH NURSING**

Advances skills in patient and family-centered care focused on the child and family with consideration of growth and development, cultural, spiritual, and social variations. Study of expected processes and problems occurring during childhood is accomplished through emphasis on prioritization of care, use of evidenced based practice, application of scientific principles and theory, leadership and management and promotion of health maintenance behaviors in child health nursing practice. Students enrolling in this course are automatically charged the liability insurance fee. (2.5 hrs. lecture, 4.5 hrs. clinical laboratory.) Prerequisite: NUR133 and NUR136; or NUR124; Corequisites: BIO244 and PSY210.

NUR248‡ **A-G / 4 cr. hrs.**
MATERNAL /CHILD HEALTH NURSING
 Advances skills in patient and family-centered care. Focus is on the childbearing woman and family along with consideration of cultural, spiritual, and social variations. Study is of expected processes and problems occurring during childbearing and care of the newborn. Emphasis is on prioritization of care, use of evidence-based practice, application of scientific principles and theory, and promotion of health maintenance behaviors in maternal health nursing practice. Students enrolling in this course are automatically charged the liability insurance fee. (2.5 hrs. lecture, 4.5 hrs. clinical laboratory.) Prerequisite: NUR133 and NUR136, or NUR124; Corequisites: BIO244 and PSY210.

NUR275 **A-G / 1 cr. hrs.**
NURSING: PAST, PRESENT AND FUTURE
 Explores the historical development of professional nursing and impact of past, current, and future trends in nursing practice. Study of the legal, ethical, political, and leadership roles in nursing are included as is the empowerment of professional nursing practice. Activities are carried out to support employment and further nursing education. (1 hr. lecture) No prerequisite.

NUR295 **A-G / 3-4 cr. hrs.**
SPECIAL TOPICS IN NURSING
 Special and current topics in Nursing may be available. See the online catalog for a complete listing.

OCCUPATIONAL THERAPY ASSISTANT

Note: Enrollment in OTA courses is limited to students formally admitted to the Occupational Therapy Assistant program.

OTA101‡ **G / 3 cr. hrs.**
INTRODUCTION TO OCCUPATIONAL THERAPY

Studies history, philosophy, ethics and function of occupational therapy profession and its place in contemporary health care service delivery. Discusses other allied health disciplines and agencies providing care for disabled. Introduces concept of occupation, communication skills, and beginning occupational therapy media in laboratory. Also introduces crafts, activity analysis, and principles of occupation-based intervention. One or more field visits, accomplished through out-of-class assignments made to observe occupational therapy services. Registration in this course requires that students purchase liability insurance as specified by OTA program. Offered fall semester only. (2 hrs. lecture, 3 hrs. laboratory.) No prerequisite.

OTA102 **G / 2 cr. hrs.**
CLINICAL CONDITIONS AND TERMINOLOGY
 Studies etiology, pathology and clinical manifestations of conditions commonly referred for occupational therapy treatment. Examines effects of disease and illness with respect to occupational performance. Medical terminology introduced, as well as safety procedures and precautions. Offered fall semester only. (2 hrs. lecture.) Corequisites: OTA101 and OTA105.

OTA105 **G / 2 cr. hrs.**
HUMAN OCCUPATION ACROSS THE LIFE SPAN
 Introductory course presenting normal developmental processes throughout life as they pertain to occupation. Teaches application of human development principles to occupational performance, performance areas, components and context. Occupation stressed throughout each developmental stage as integral aspect of skill and role acquisition, as well as socio-cultural identification. Offered fall semester only. (2 hrs. lecture.) Corequisites: OTA101 and OTA102.

OTA118‡ **G / 4 cr. hrs.**
OCCUPATIONAL THERAPY MEDIA AND APPLICATIONS I
 Examines occupational therapy process of physical, psychosocial and developmental conditions commonly referred for occupational therapy for individuals from birth to adolescence. Teaches frames of reference, assessment/evaluation tools and intervention strategies specific to this period of development. Includes Level I fieldwork experience. Registration in this course requires that students purchase liability insurance as specified by OTA program. Offered spring semester only. (2 hrs. lecture, 3 hrs. laboratory, 3 hrs. fieldwork.) Prerequisite: OTA101, OTA102 and OTA105 with C grades or higher. Corequisite: OTA121.

OTA121‡ **G / 2 cr. hrs.**
OCCUPATIONAL THERAPY FOR PHYSICAL DYSFUNCTIONS
 Surveys occupational therapy theory and approaches specific to physically disabling conditions. Teaches assessment skills using observation, historical data and interviews within appropriate role delineation. Explores occupational therapy process, including effective documentation. Emphasizes collaboration strategies to work effectively as part of rehabilitation team. Registration in this course requires that students purchase liability insurance as specified by OTA program. Offered spring semester only. (2 hrs. lecture.) Prerequisite: OTA101, OTA102, and OTA105 with C grades or better. Corequisite: OTA118.

OTA131‡ **G / 4 cr. hrs.**
OCCUPATIONAL THERAPY MEDIA AND APPLICATIONS II

Examines occupational therapy process of physical, psychosocial and developmental conditions commonly referred for occupational therapy for individuals from late adolescence to middle adulthood. Teaches frames of reference, assessment/evaluation tools and intervention strategies specific to this period of development. Includes Level I fieldwork experience. Registration in this course requires that students purchase liability insurance as specified by OTA program. Offered summer semester only. (2 hrs. lecture, 3 hrs. laboratory, 3 hrs. fieldwork.) Prerequisite: OTA118 and OT1A21 with C grade or higher.

OTA201‡ **G / 4 cr. hrs.**
OCCUPATIONAL THERAPY MEDIA AND APPLICATIONS III

Examines occupational therapy process of physical, psychosocial and developmental conditions commonly referred for occupational therapy for individuals from middle to older adulthood. Teaches frames of reference, assessment/evaluation tools and intervention strategies specific to this period of development. Includes Level I fieldwork experience. Registration in this course requires that students purchase liability insurance as specified by OTA program. Offered fall semester only. (2 hrs. lecture, 3 hrs. laboratory, 3 hrs. fieldwork.) Prerequisite: OTA131 with C grade or higher. Corequisite: OTA202.

OTA202 **G / 2 cr. hrs.**
THE MANAGEMENT ROLE OF THE OCCUPATIONAL THERAPY ASSISTANT

Application of principles of management and systems in provision of occupational therapy services. Addresses role and responsibilities of occupational therapy assistant as a whole, emphasizing service delivery models, profession and consumer advocacy, clinical management, supervision, program evaluation, professional responsibility, reimbursement mechanisms, time management, scheduling, inventory, and other skills required for management responsibilities in this field. Students integrate professional ethics, values and responsibilities with need to be autonomous while maintaining correct role delineation. Offered fall semester only. (2 hrs. lecture.) Prerequisite: OTA131 with C grade or higher. Corequisite: OTA201.

OTA211‡ **G / 6 cr. hrs.**
CLINICAL PRACTICE I

First of two supervised clinical experiences in occupational therapy practice setting for persons with disabilities. During practicum, students expected to apply knowledge from course work to carry out treatment plans with assigned clients. Students work under supervision of qualified occupational therapy practitioner at field site. Seminar component integrates clinical experience with course work. Clinical rotation may require full-time live-away situation. There may be some variation in time sequences of clinical placements. Registration in this course requires that students purchase liability insurance as specified by OTA program. Offered spring semester only. (1 hr. seminar, 20 hrs. fieldwork.) Prerequisite: OTA201 and OTA202 with C grades or higher. Corequisite: OTA212 or permission of department.

OTA212‡ **G / 6 cr. hrs.**
CLINICAL PRACTICE II

Second and final supervised fieldwork assignment in clinical setting dealing with practice environment different from students' experience in OTA211. Working under supervision of qualified occupational therapy practitioner at field site, students expected to apply knowledge from course work and previous clinical practicum while implementing treatment programs. Seminar provides opportunities for students to meet and discuss their clinical experience. Clinical rotation may require full-time live-away situation. There may be some variation in time sequences of clinical placements. Registration in this course requires that students purchase liability insurance as specified by OTA program. Offered spring semester only. (1 hr. seminar, 20 hrs. fieldwork.) Prerequisite: OTA201 and OTA202 with C grades or higher. Corequisite: OTA211 or permission of department.

OTA295 **A-E-G / 3-4 cr. hrs.**
SPECIAL TOPICS IN OCCUPATIONAL THERAPY ASSISTANT

Special and current topics in Occupational Therapy Assistant may be available. See the online catalog for a complete listing.

OFFICE TECHNOLOGIES

OFT101‡ **A-E-G / 1 cr. hrs.**
BASIC KEYBOARDING

Introduces and develops basic keyboarding skills. Especially useful for students who desire keyboarding skills for use with microcomputers. (2 hrs. laboratory.) No prerequisite.

Note: Credit given for OFT101 only if credit is not for the following courses: OFT102, OFT103 or equivalents.

OFT102‡ A-E-G / 3 cr. hrs.
**KEYBOARDING AND DOCUMENT
 PREPARATION I**

Presents features of electronic keyboard. Students receive practice in keying straight copy materials, rough drafts, reports, memos and letters. Keyboarding drills administered on daily basis to increase speed and accuracy. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite.

OFT103‡ A-E-G / 3 cr. hrs.
**KEYBOARDING AND DOCUMENT
 PREPARATION II**

For the student who can type but needs additional training to develop a marketable skill. Course content includes training in preparation of business correspondence, documents, forms and reports. Registration requires keyboarding speed of 30 wpm. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite.

OFT295 A-E-G / 3-4 cr. hrs.
**SPECIAL TOPICS IN OFFICE
 TECHNOLOGIES**

Special and current topics in Office Technologies may be available. See the online catalog for a complete listing.

PARAMEDIC

PAR101‡ A / 13 cr. hrs.
PARAMEDIC 1

This course establishes the parameters by which a paramedic operates within the pre-hospital setting. Topics include the roles and responsibilities of a paramedic, medical and legal considerations, EMS communications and documentation. This course provides students with a general overview and principles of anatomy and pathology, along with life span development. Students will review basic life support airway assessment and management techniques, and they will develop mastery in the ability to establish and maintain a patient's airway, deliver oxygen and ventilate a patient at an advanced level. The paramedic student will be provided with the fundamentals of pharmacology, including routes of drug absorption, administration, distribution, bio-transformation and elimination; dosage calculations; and packaging. Students will identify the anatomy, physiology, and pathophysiology of the heart. The identification of arrhythmias is presented, along with the appropriate pre-hospital management modalities. Topics include twelve-lead ECG interpretations, pharmacotherapy, defibrillation, cardioversion, and pathophysiology of more common cardiovascular diseases. Also, the student will be prepared for certification by the American Heart Association in Advanced Cardiac Life Support. Additionally, students will cover topics including abdominal, genitourinary, neurological, behavioral, and respiratory emergencies and the treatment thereof. Students will also cover topics covering such medical emergencies as altered mental status, syncope, and the assessment of a variety of painful conditions. (12 hrs. lecture, 4.5 hrs. laboratory.) Prerequisite: Students must be accepted into the Paramedic Program. They must also hold a minimum certification of Basic EMT and maintain that certification throughout the entire program. It is recommended that student have a minimum of one year EMS field experience. Students must have completed BIO130 and BIO132 with a grade of C or better. Corequisite: PAR201.

PAR102‡**A / 13 cr. hrs.****PARAMEDIC 2**

This course prepares students to provide advanced medical care to ill or injured individuals. Topics include neurology, gastroenterology, toxicology, trauma systems, mechanism of injury, hemorrhage, shock, burns, thoracic trauma, managing the multi-trauma patient, obstetrical emergencies, delivery and care of the newborn, emergency pharmacology for pediatric patients, intraosseous infusion, pediatric intubation and resuscitation, geriatrics, and patients with special challenges. This course, along with PAR101, 103, 201, and 202, prepares and qualifies the student to sit for the New York State Paramedic certification examination, providing all other certification requirements are met. (12 hours lecture, 4.5 hours laboratory.) Prerequisite: Students must be accepted into the Paramedic Program. They must also have completed PAR101 with a grade of C+ or better and hold EMT Basic Certification.

PAR103‡**A / 3 cr. hrs.****PARAMEDIC OPERATIONS 3**

This course enhances the understanding of operational parameters that a paramedic will perform within a pre-hospital setting. Students will study ambulance and rescue operations, along with the Medical Incident Command System. Students will be familiarized with specialized rescue operations such as aeromedical care, water rescue, law enforcement support, crime scene recognition, and mass casualty triage operations. Extensive reviews will be conducted during this course to prepare the student for State and National credentialing exam. This course along with PAR101, 102, 201, and 202 prepares and qualifies the student to sit for the New York State Paramedic certification examination, providing all other certification requirements are met. (2.5 hours lecture, 0.5 hours laboratory.) Prerequisite: Student must be accepted into the Paramedic Program. PAR101 with a grade of C+ or better. PAR102 with a grade of C+ or better. EMT Basic Certification.

PAR201‡**A / 3.5 cr. hrs.****PARAMEDIC CLINICAL 1**

This clinical course is designed to accompany the Paramedic 1 (PAR101) course. Clinical rotations focus on the development of triage skills, recognition of pathology and disease progression, intravenous therapy, blood sampling, medication administration skills, airway management, and communication skills. Clinical rotations include Emergency Department, Phlebotomy, Fire Rescue Communications, Medical Examiner, Medical Control, Airway Simulation Lab, ICU/CCU, Mental Health Unit, Operating Room, Respiratory Care, and Ambulance Field Time (272 clinical hours for the semester). Registration in this course requires students to purchase liability insurance through the College. Prerequisite: Students must be accepted into the Paramedic Program. Students must hold a minimum certification of Basic EMT and maintain that certification throughout the entire program. It is recommended that students have a minimum of one year EMS field experience. Corequisite: PAR101.

PAR202‡**A / 1 cr. hrs.****PARAMEDIC CLINICAL 2**

This clinical course continues the paramedic student's clinical education. Clinical rotations focus on the development and integration of psychomotor skills, assessment base management, and affective behavior required by a practicing paramedic. Clinical rotations include Emergency Department and Ambulance Field Internship 72 clinical hours for the semester). Prerequisite: Student must be accepted into the Paramedic Program. PAR101 and PAR201 with a grade of C+ or better. EMT Basic Certification.

PAR203‡**A / 3.5 cr. hrs.****PARAMEDIC CLINICAL 3**

This clinical course continues the paramedic student's clinical education. Clinical rotations focus on the development and integration of psychomotor skills, assessment base management, and affective behavior required by a practicing paramedic. Clinical rotations include Emergency Department, CCU/ICU, Pediatrics, Labor and Delivery, Geriatric Care, Ambulance Field Internship, and a summative field evaluation. (258 clinical hours for the semester.) Registration in this course requires students to purchase liability insurance through the College. Prerequisite: Student must be accepted into the Paramedic Program. PAR101, PAR201, and PAR203 with a grade of C+ or better. EMT Basic Certification. Corequisite: PAR102 and PAR103.

PHILOSOPHY

PHL101 A-E-G / 3 cr. hrs.

ISSUES IN PHILOSOPHY

Investigates traditional and contemporary philosophical issues such as problem of knowledge, nature of reality, question of freewill versus determinism, and existence of mind, soul and God. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

PHL104 A-E-G / 3 cr. hrs.

CRITICAL THINKING

Develops methods of inquiry and analysis as core of a strategy of critical thinking. Students examine hypotheses according to evidence, role of necessary and sufficient conditions, concept of cause and effect, and treatment of alternative hypotheses. Includes use of these structures to formulate, evaluate, criticize and improve argument, judgment and interpretation. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

PHL105 A-E-G / 3 cr. hrs.

LOGIC

Nature and structure of the reasoning process as found in basic fields of thought. Emphasis on both formal and informal logic, including fallacies in reasoning. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

PHL107 A-E-G / 3 cr. hrs.

ETHICS

Study of traditional and contemporary moral theories, along with consideration of some contemporary moral problems, designed to help students assess moral judgments. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

PHL111 A-G / 3 cr. hrs.

WORLD PHILOSOPHIES

Addresses, across cultural boundaries, the great questions of philosophy. Can we integrate into Western philosophic heritage the wisdom of ancient China and insights of Japan? What can we learn from the Vedic tradition of pain and suffering, from Arab and Jewish traditions of God and the evil we find in the world, from African traditions of mysteries of the universe, and from our own native peoples? No prerequisite.

Note: Fulfills SUNY General Education Requirement for Other World Civilizations and Humanities.

PHL112 A / 3 cr. hrs.

CONTEMPORARY PHILOSOPHY

This course will study the most important movements in contemporary Western philosophy from the beginning of the 20th century to the present. Movements to be discussed will include Logical Positivism, Ordinary Language Philosophy, American Pragmatism, Phenomenology, Hermeneutics, Existentialism, Critical Theory, Structuralism and Post-Structuralism, Deconstruction, and Feminist Philosophy. Special emphasis will be placed on the differences and similarities of issues, methods, and possible applications of these theories as well as on their continuation and transformation of questions raised within the history of philosophy. No prerequisite.

PHL113 A / 3 cr. hrs.

PHILOSOPHY OF HUMAN LIBERATION

Using classic readings in political theory as well as texts by contemporary thinkers, the course will develop basic concepts of freedom and oppression and explore those with respect to race, class, gender, and sexual preference. It will be shown how specific mechanisms of oppression/liberation affect women, people of color, different classes, and LGBT persons. Required for Women's Studies majors. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

PHL149 A / 3 cr. hrs.

PHILOSOPHY AND POPULAR CULTURE

This is an interdisciplinary rotating course, its content varying from semester to semester, for example, Philosophy Through Film, Philosophy and Harry Potter, Philosophy and Contemporary Music. No prerequisite.

PHL201 A-E-G / 3 cr. hrs.

HISTORY OF PHILOSOPHY I

Surveys contributions of principal figures in history of Western philosophy from early Greeks to Medieval thinkers. Emphasizes works of Plato and Aristotle as setting foundation of early Western thought. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

PHL202 A-E-G / 3 cr. hrs.

HISTORY OF PHILOSOPHY II

Surveys contributions of principal figures in history of Western philosophy from Modern period to contemporary thinkers. Emphasis on Rationalists and Empiricists as setting foundation of modern and contemporary thought. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

PHL211 A-E-G / 3 cr. hrs.

BIOMEDICAL ETHICS

In-depth exploration of abortion, euthanasia, genetic engineering, cloning, human experimentation, allocation of scarce life-saving resources and other related ethical issues of current vital concern. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

PHL212 A / 3 cr. hrs.

ETHICAL ISSUES IN BUSINESS

Within context of traditional and contemporary moral theory, investigates whether idea of business ethics makes sense, whether modern democratic social-welfare state – or any proposed alternative – is grounded in moral principle, whether corporations should have ‘social conscience,’ whether principle of caveat emptor (‘let the buyer beware’) takes precedence in consumer society, and (among other issues) whether ‘globalization’ or ‘protectionism’ is wave of future. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

PHL213 G / 3 cr. hrs.

THE PHILOSOPHY OF ANIMAL RIGHTS AND WELFARE

The relationship between humans and animals is rich and complex. For the past several decades, philosophers have been exploring the ethical dimensions to this relationship. What moral duties do we have to nonhuman animals? Do animals possess “rights”? Are the various ways in which animals are exploited morally defensible, or do our attitudes toward animals reveal inconsistencies in our moral framework? This class will survey the philosophical arguments that have been offered in the debate surrounding these questions, and encourage the students to participate in the debate by forming and defending their own positions. No prerequisite.

PHL214 A / 3 cr. hrs.

SOCIAL AND POLITICAL PHILOSOPHY

This course will investigate theories of social and political philosophy from the ancients to the 20th century. By discussing the most influential philosophical theories for political life (e.g. democracy, social contract theory, liberalism, utilitarianism, Marxism, totalitarianism, anarchy), basic concepts of social and political philosophy, such as justice, equality, freedom, rights, social responsibility, oppression/liberation, and the common good will be developed. Special emphasis will be placed on questions of racial and gender equality as well as on contemporary issues, such as terrorism, nationalism and globalization. No prerequisite.

PHL215 A-E-G / 3 cr. hrs.

PHILOSOPHY OF RELIGION

Critical analysis of nature of religion and major conclusions of religious thought. Class discussion concerns readings taken from works of traditional and contemporary philosophers, including Aquinas, Anselm, Hume, Kant, Russell, and Ayer. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

PHL293 A-G / 3 cr. hrs.

PHILOSOPHY OF THE ARTS

Philosophical perspective on art, literature, music and popular culture. Classical and contemporary theories on aesthetics used to analyze examples from various artistic areas. Addresses problem of defining art, special character of aesthetic judgment, and distinction between art and non-art. Also investigates role of art in society, its function and purpose, relationship between art and morality, quality of aesthetic experience and process of artistic creation. Special emphasis on distinction between high and low art. Some field trips may be required. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

PHL295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN PHILOSOPHY

Special and current topics in Philosophy may be available. See the online catalog for a complete listing.

PHL296 A-E-G / 3-4 cr. hrs.

HONORS SPECIAL TOPICS IN PHILOSOPHY

Honors special topics courses in Philosophy may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

PHYSICAL EDUCATION

The physical education program is designed to provide students with a variety of fitness, lifetime sport and outdoor adventure activities. Two credit hours of activity courses fulfill a core graduation requirement. Students with a documented medical waiver may elect to fulfill this requirement by taking PED130: Lifetime Fitness and PED131: Personal Lifetime Fitness. Students may take additional physical education courses, but these credits cannot be applied toward fulfillment of graduation requirements. The same physical education class cannot be repeated for credit toward graduation. Three-credit PED offerings may not be used to fulfill PED graduation requirements, but they may be used to fulfill unrestricted elective requirements.

PED112‡ A-E-G / 1 cr. hrs.

GOLF

Places heavy emphasis on basic fundamentals of grip, stance and swing as well as providing thorough understanding of the game, which is necessary for enjoyable participation. No prerequisite.

Physical Education

PED113‡ A-E-G / 1 cr. hrs.

WEIGHT TRAINING

Develops and maintains physical fitness through proper technique and progressions of weight training with use of supplementary apparatus. No prerequisite.

PED114‡ A-E-G / 1 cr. hrs.

BEGINNING TENNIS

Basic instruction includes forehand stroke, backhand stroke and serve. Provides basic understanding of game and rules. No prerequisite.

PED115‡ A-E-G / 1 cr. hrs.

HIKING LONG ISLAND TRAILS

Covers basic skills needed for trail hiking at local parks. Emphasis on improving cardiovascular endurance and learning orienteering skills such as map reading, compass use, safety, etiquette and environmental awareness. Transportation to local parks and applicable fees provided by students as needed. No prerequisite.

PED116‡ A-E-G / 1 cr. hrs.

SOCCER

Covers basic fundamentals of soccer as well as provides opportunity to develop high level of aerobic fitness through vigorous participation. No prerequisite.

PED118‡ A-G / 1 cr. hrs.

BASKETBALL/SOFTBALL

Team sports in which students receive instruction in basic fundamentals as well as principles of teamwork essential for enjoyable competition. No prerequisite.

PED119‡ A-E-G / 1 cr. hrs.

FITNESS WALKING

Develops aerobic fitness in students through analysis and practice of three levels of walking intensity. Pre- and post-fitness levels assessed. Self-monitoring of appropriate individualized intensity, frequency and duration of walking stressed utilizing a training journal in conjunction with class participation. No prerequisite.

PED120‡ A-E-G / 1 cr. hrs.

BICYCLING

Uses cycling as means toward improving cardiovascular fitness and endurance, regulating weight and enhancing recreational time. Roads and scenery of Suffolk County serve as backdrop to practice safe cycling and learn benefits of this type of activity. May be geared to moderate or intense workouts, based upon class duration. Registrants must have their own bicycles and helmets and be able to bicycle safely prior to enrolling. Does not teach how to bicycle. No prerequisite.

PED121‡ A-E-G / 1 cr. hrs.

JOGGING AND FITNESS

Promotes full body fitness through jogging and other related exercises. Techniques of running style stressed along with discussion of physiological aspects of total body fitness. Students encouraged to design a sound individualized jogging program based on proper training techniques. No prerequisite.

PED122‡ G / 1 cr. hrs.

BADMINTON

Covers basic fundamentals of lifetime sport of badminton. Stance, strokes, scoring and strategies demonstrated by instructor and practiced by students in teams. No prerequisite.

PED123‡ A-E-G / 1 cr. hrs.

BASKETBALL

Offers instruction in basic skills of basketball, including dribbling, passing, rebounding, shooting and defense. Discusses offensive and defensive schemes to develop appreciation for cognitive aspects of game. No prerequisite.

PED124‡ A-E-G / 1 cr. hrs.

SPORT CONDITIONING

Each athlete's session in this ten-week course consists of a cardiovascular, muscle and flexibility workout program designed according to his/her assessment results and sport interest. Enhancement of one's fitness for athletic participation in either a selected team or individual sport is focus of program. No prerequisite.

PED125 A-E-G / 1 cr. hrs.

INDOOR ROCK CLIMBING

Covers fundamentals of indoor rock climbing. Students of all skill levels can challenge themselves on selection of climbing walls simulating rock formations of various degrees of difficulty. Requires development of strength, mobility, flexibility, coordination and agility. A fee is paid directly to the facility per session. Transportation required. No prerequisite.

PED126‡ A-E-G / 1 cr. hrs.

PILATES

This course will introduce the fundamentals of Pilates mat work. Class will be composed of Pilates exercises designed to achieve optimal strength and flexibility. The class characteristics consist of developing and conditioning the muscular body, promoting correct breathing and good posture, while enhancing mental concentration and focus. No prerequisite.

PED128‡ A-E-G / 1 cr. hrs.

BOWLING

Fundamentals of bowling; history of courtesies, scoring, approach and delivery. Also covers advanced techniques including reading lanes, types of balls, drill patterns, advanced releases and bowling drills. Fee paid directly to bowling lanes for all games bowled. Transportation required. No prerequisite.

PED129‡ A-E-G / 1 cr. hrs.

VOLLEYBALL

Develops basic skills of volleyball. Students learn correct method of passing, spiking and serving as well as rules, scoring and teamwork. No prerequisite.

- PED130‡** **A-E-G / 1 cr. hrs.**
LIFETIME FITNESS
 This course will provide students of any level of fitness or ability instruction about the roles that physical activity and lifestyle behaviors play in the well-being of the human body. The class will be interactive and include individualized active participation and instruction on topics such as cardiovascular and muscle fitness, flexibility, back health, exercise related injuries, body composition, nutrition and weight management. No prerequisite.
- PED132‡** **A-E-G / 1 cr. hrs.**
ADVENTURE FITNESS
 Adventure based activities focus on health-related fitness components including cardiovascular fitness, flexibility, body composition, and muscular strength and endurance. Activities include group and individual challenges, problem solving initiatives, belaying and climbing challenges. This ten-week course includes one off-campus class session and culminates with a three-hour Saturday event at an off-campus high ropes course. Transportation and fees will be provided by student. No prerequisite.
- PED133‡** **A-G / 1 cr. hrs.**
SOCIAL DANCE
 Instruction in basic steps of modern ballroom dancing. Dances taught might include cha cha, swing, foxtrot, meringue, etc. No prerequisite.
- PED134‡** **A-E-G / 1 cr. hrs.**
SPINNING
 Introduces basics of spinning (indoor stationary cycling). Provides individually paced, non-impact cardiovascular workout set to inspirational music in non-competitive environment good for all fitness levels. No prerequisite.
- PED138‡** **A-E-G / 1 cr. hrs.**
ULTIMATE
 This is an introductory course to a team sport (played with a plastic disc) that demands and develops agility, speed, endurance, and eye-hand coordination as each team attempts to score points by passing and eventually catching a disc beyond a goal line. Ultimate is one of the few team sports which is refereed by the players themselves. Sportsmanship is emphasized through the sport's self-officiating structure. No prerequisite.
- PED141‡** **A-E-G / 1 cr. hrs.**
CLUB DANCE
 Introduction to the latest club dances including Salsa, Bachata, West Coast Swing, Hustle, Lindy Hop, Argentine Tango, etc. No prerequisite.
- PED144‡** **A-E-G / 1 cr. hrs.**
BODY TONING
 Improves overall fitness through use of exercises, resistance work and movement techniques which provide emphasis on toning, muscular endurance and flexibility. Nutrition and weight control activities included. No prerequisite.
- PED145‡** **A-E-G / 1 cr. hrs.**
TEAM SPORTS AND CONDITIONING
 For students who wish to improve their physical stamina through exercises, physical fitness testing, and participation in variety of team sports such as speedball, flag football, basketball, team handball and more. No prerequisite.
- PED147‡** **A-E-G / 1 cr. hrs.**
YOGA
 Develops total physical awareness through Hatha Yoga. Includes lectures and demonstrations on nutrition, meditation and relaxation. No prerequisite.
- PED148‡** **A-G / 1 cr. hrs.**
SELF-DEFENSE
 Basic techniques of self defense. Instruction concentrated on teaching fundamentals of judo. No prerequisite.
- PED149‡** **A-E-G / 1 cr. hrs.**
MODERN DANCE AND COMPOSITION
 Techniques and principles of modern dance composition applying spatial, temporal, dynamic and dramatic elements of choreography. No prerequisite.
- PED150‡** **G / 1 cr. hrs.**
LIFEGUARDING
 The American Red Cross Lifeguarding program provides lifeguards with skills and knowledge necessary to keep patrons of aquatic facilities safe in and around water. Includes lifeguard training with aquatic-specific aid and cardiopulmonary resuscitation (CPR) training. Prerequisites: must be able to swim. Check with instructor if unsure of swimming ability.
- PED151‡** **A-E-G / 1 cr. hrs.**
BACKPACKING
 Techniques and fundamentals of backpack camping. Included are one-day field trip and weekend campout. Transportation required. No prerequisite.
- PED155‡** **E-G / 1 cr. hrs.**
INTRODUCTION TO SWIMMING
 Introduces fundamentals of water safety, swimming and swimming for conditioning. Pre- and post-fitness levels assessed. Self-monitoring of appropriate individualized intensity, frequency and duration of swimming stressed utilizing training journal in conjunction with class participation. No prerequisite.
- PED156‡** **E-G / 1 cr. hrs.**
FITNESS SWIMMING
 Uses swimming as activity to enhance cardiovascular fitness and muscle endurance. Pre- and post-fitness levels assessed. Self-monitoring of appropriate individualized intensity, frequency and duration of swimming stressed utilizing training journal in conjunction with class participation. Students need to swim 400 yards continuously at first session or have permission of instructor. No prerequisite.

PED157 A-E-G / 1 cr. hrs.

TOTAL FITNESS

This course will provide a "total" fitness experience through use of muscle training exercises, a variety of aerobic conditioning activities and stretching techniques. Training varies from day to day. No prerequisite. (*Offered only during winter and summer day sessions.*)

PED159‡ A-E-G / 1 cr. hrs.

MODERN JAZZ DANCE

Techniques of jazz dancing from its origins to contemporary stage dancing. No prerequisite.

PED160‡ A-E-G / 1 cr. hrs.

AEROBICS

Emphasizes improvement in cardiovascular endurance combining low- and high-impact moves and intensities through use of dance/locomotive patterns and a variety of other techniques. No prerequisite.

PED161‡ A-G / 1 cr. hrs.

KARATE

Teaches an ancient and established art of the Orient using basic defensive and offensive techniques of Karate. First and second basic forms, called Katas, are introduced. No prerequisite.

PED162‡ A-G / 1 cr. hrs.

STEP AEROBICS

Improves cardiovascular endurance combining low-impact work with moderate- to high-intensity conditioning response through use of creative step patterns, multi-directional variations and transitions, and interval training. No prerequisite.

PED163‡ A-E-G / 1 cr. hrs.

CARDIO-KICKBOXING

Improves cardiovascular endurance by combining low-impact workout with moderate- to high-intensity conditioning through use of basic boxing skills such as jabs, punches, upper cuts and tae kwon do kicks. Some high-impact, high-intensity interval segments included. No prerequisite.

PED165‡ A-E-G / 1 cr. hrs.

INTRODUCTION TO EQUITATION AND HORSEMANSHIP

Introduces basics of equitation. Includes emphasis on controlling horse, understanding use of aids, movements of horse, rider's position and safely working with horses. Special fee and transportation required. No prerequisite.

PED166‡ A-E-G / 1 cr. hrs.

DISCIPLINES IN EQUITATION AND HORSEMANSHIP

For students who have completed Introduction to Equitation and Horsemanship (PED165) or its equivalent and can walk, trot and canter. Includes emphasis on hunt seat, forward seat, dressage seat, balance seat, polo seat, jumping, advanced movements of horse, rider's position and safely working with horses. Students must be able to mount and dismount horse without assistance. Special fee and transportation required. Prerequisite: PED165 or permission in instructor.

PED295‡ A-E-G / 1 cr. hrs.

SPECIAL TOPICS IN PHYSICAL EDUCATION

Special and current topics in Physical Education may be available. See the online catalog for a complete listing.

PHYSICAL THERAPIST ASSISTANT

Note: Enrollment in PTA courses is limited to students officially admitted to the Physical Therapist Assistant program.

PTA101 A / 3 cr. hrs.

NORMAL MOVEMENT AND DEVELOPMENT

Covers concepts of motor control, motor development and motor learning. (3 hrs. lecture.) Prerequisites: BIO130, ENG101, PSY101, COM (102 or 107); Corequisites: BIO132, PSY210, PTA103, PTA105, PTA107.

PTA103‡ A / 1 cr. hrs.

INTERVENTIONS I

Covers development of technical skill in delivery of physical therapy interventions including use of standard precautions, bed mobility, transfer training, gait training with assistive devices, and monitoring vital signs. Content addresses joint movements, bony prominences and joints of the extremities, adaptive and assistive devices, principles of body mechanics, and develops appreciation of architectural barriers and their impact on disability. (3 hrs. laboratory) Prerequisites: BIO130, ENG101, PSY101, COM102 OR 107). Corequisites: BIO132, PTA101, PTA103, PTA105, PSY210.

PTA105 A / 2 cr. hrs.

INTRODUCTION TO PHYSICAL THERAPY

Covers concepts of practice of physical therapy including structure and function of the APTA, professionalism, professional and regulatory guidelines directing legal and ethical delivery of services by the physical therapist assistant, structure of the physical therapist's examination/evaluation and plan of care, documentation, therapeutic communication, patient interaction across diverse populations, and medical terminology. (2 hrs. lecture.) Prerequisites: BIO130, ENG101, PSY101, COM (102 or 107); Corequisites: BIO132, PTA101, PTA103, PTA107, PSY210.

PTA107‡ A / 1 cr. hrs.**INTERVENTIONS II**

Covers the basic principles of therapeutic exercise including instruction and practice in the progression of exercise from passive range of motion through resistive exercise, basic stretching principles, balance and coordination exercises, and gait activities. (3 hrs. laboratory.) Prerequisites: ENG101, PSY101, BIO130, COM102 or 107; Corequisites: BIO132, PSY210, PTA101, PTA103, PTA105.

PTA150‡ A / 1 cr. hrs.**CLINICAL PRACTICUM I**

Covers principles of patient management. Provides opportunity to apply first year knowledge and skills in a clinical environment with a variety of patients. Registration in this course requires that students purchase liability insurance through the college. (3 hrs. laboratory.) Prerequisites: BIO132, PSY210, PTA101, PTA103, PTA105, PTA107; Corequisites: BIO246, MAT103, PTA151, PTA153, PTA155.

PTA151‡ A / 4 cr. hrs.**KINESIOLOGY**

Covers collection of data in physical therapy as it relates to joint range of motion, flexibility and muscle strength; anatomy as it relates to posture and human motion with an emphasis on muscle function and biomechanics and physical therapy management through therapeutic exercise. Skills will include goniometry, measurement of functional ROM, manual muscle testing using break testing, palpation of bony prominences, muscles and ligaments and stretching of specific muscles. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisites: BIO132, PSY210, PTA101, PTA103, PTA105, PTA107; Corequisites: BIO246, MAT103, PTA150, PTA153, PTA155.

PTA153‡ A / 2 cr. hrs.**ACUTE CARE PHYSICAL THERAPY**

This course prepares the student for the clinical experience of working in an acute care setting. Covers medical terminology, specific pathologies of the body systems across the lifespan, basic concepts of pharmacology, common laboratory, medical and diagnostic tests, and types of medical-surgical equipment utilized in the acute care setting. (2 hrs. lecture.) Prerequisites: BIO132, PSY210, PTA101, PTA103, PTA105, PTA107; Corequisites: BIO246, MAT103, PTA150, PTA151, PTA155.

PTA155‡ A / 3 cr. hrs.**INTERVENTIONS III**

Covers principles and techniques related to the usage of physical agents, mechanical modalities, and electrotherapeutic modalities in physical therapy (2 hrs. lecture, 3 hrs. laboratory.) Prerequisites: BIO132, PSY210, PTA101, PTA103, PTA105, PTA107; Corequisites: BIO246, MAT103, PTA150, PTA151, PTA153.

PTA200‡ A / 3 cr. hrs.**CLINICAL PRACTICUM II**

Lecture/seminar portion covers clinical practice skills to enhance intervention with patients including use of Guide to Physical Therapist Practice and evidence-based practice, patient education, promotion of health, wellness, fitness and prevention, scanning of medical record, monitoring response/change in function, discharge planning, and progressing interventions within the plan of care with direction of the PT. Clinical component provides clinical practice in community physical therapy departments. Registration in this course requires that students purchase liability insurance through the college. (1 hr. lecture, 10 hrs. clinical.) Prerequisites: PTA 150, PTA221, PTA223, PTA225, PTA227.

PTA221‡ A / 3 cr. hrs.**MUSCULOSKELETAL PHYSICAL THERAPY**

Covers the potential impairments of body structure and function, activity limitations, and participation restrictions associated with common musculoskeletal pathologies across the lifespan, including orthotic and prosthetic assistive devices. Skills include the performance and instruction of specific strengthening exercises, the application of McConnell tape, and residual limb wrapping. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisites: PTA150, PTA151, PTA153, PTA155, BIO246, MAT103; Corequisites: PTA223, PTA225, PTA227.

PTA223‡ A / 3 cr. hrs.**NEUROMUSCULAR PHYSICAL THERAPY**

Covers the potential impairments of body structure and function, activity limitations, and participation restrictions associated with common neuromuscular disorders across the lifespan. Students will practice specific interventions related to remediation of problems in the neuromuscular system including developmental activities training, movement pattern training, neuromuscular re-education, and facilitation and inhibition strategies. (2 hrs. lecture; 2 hrs. lab.) Prerequisites: BIO246, PSY210, PTA150, PTA151, PTA153, PTA155; Corequisites: PTA221, PTA225, PTA227.

PTA225‡ A / 1 cr. hrs.**CARDIOVASCULAR/PULMONARY/
INTEGUMENTARY PHYSICAL THERAPY**

Covers the potential impairments of body structure and function, activity limitations, and participation restrictions associated with common disorders of the cardiovascular and pulmonary systems. Normal integumentary anatomy/physiology, burns, and wound care will be discussed. Students will practice specific interventions related to remediation of problems in these systems including aerobic capacity conditioning and reconditioning, endurance training, breathing and oxygenation strategies, coughing strategies, breathing exercises, postural drainage, integumentary protection, edema management, sterile technique, and application and removal of dressings. (2 hr. laboratory.) Prerequisites: BIO 246, PSY210, PTA150, PTA151, PTA153, PTA155; Corequisites: PTA221, PTA223, PTA227.

PTA227‡ A / 1 cr. hrs.**INTERVENTIONS IV**

Covers collection of data in physical therapy as it relates to soft tissue extensibility. Skills include soft tissue mobilization / massage for the upper and lower quarter. (2 hrs. laboratory.) Prerequisites: BIO246, MAT103, PTA150, PTA151, PTA153, PTA155, Corequisites: PTA223, PTA225, PTA227.

PTA250‡ A / 8 cr. hrs.**CLINICAL PRACTICUM III**

Lecture/seminar portion covers administrative aspects of a physical therapy department such as reimbursement and continuous quality improvement; workplace issues such as sexual harassment and risk management/liability; patient issues such as abuse and pro bono; professional development issues such as resume writing and development of a career plan. Clinical component provides clinical practice in community physical therapy departments. Registration in this course requires that students purchase liability insurance through the college. (1 hr. lecture, 30 hrs. clinical.) Prerequisites: PTA200, PTA251.

PTA251 A / 1 cr. hrs.**DATA COLLECTION**

Provides an overview of the scope of standardized tests and measures utilized in physical therapy emphasizing the PTA's role utilizing these tools, under the direction of the physical therapist, to monitor patient response to treatment and/or change in function. Students will integrate knowledge acquired over two years and be required to pass an online examination at the conclusion of this course. (1 hr. lecture.) Prerequisites: PTA200.

PHYSICS

PHY101-102: Non-calculus college physics courses primarily designed for pre-med, pre-dental, physical therapy, chiropractic, life science and liberal arts majors.

PHY110-112: Courses designed for technical careers students, e.g., Construction, Electrical and Telecommunications Technology.

PHY115: Designed for health careers students.

PHY130-132; 230-232; 245-246: Calculus-based courses designed for physics and engineering students. Math, computer science, chemistry and liberal arts (science) majors should take these courses UNLESS the institution they plan to transfer to accepts physics at a lower level.

PHY295: Special Topics.

PHY296: Honors Special Topics.

PHY101‡ A-G / 4 cr. hrs.**COLLEGE PHYSICS I**

First semester of a two-semester college physics sequence for liberal arts, life science, and physical therapy majors designed to acquaint students with basic concepts of physics. Topics covered include linear and rotational kinematics, dynamics, conservation of energy and momentum. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MAT124 or equivalent.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

PHY102‡ A-G / 4 cr. hrs.**COLLEGE PHYSICS II**

Second semester of a two-semester college physics sequence for liberal arts, life science and physical therapy majors designed to acquaint students with basic concepts of physics. Topics covered include mechanics, sound, light, heat and electricity. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: PHY101.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

PHY110‡ A / 4 cr. hrs.**AUTOMOTIVE PHYSICS**

Basic course which acquaints ASEP students with some fundamental aspects of physics. Covers Newtonian dynamics including conservation of energy and momentum, and rotational motion. In addition, selected topics in strength of materials, fluids and thermodynamics are covered. Emphasis on applications to automotive system. Prerequisite: MAT007.

PHY111‡ A / 4 cr. hrs.**HOW THINGS WORK**

This course is geared to bringing an understanding of basic technology to non-science majors. It is intended to be a practical introduction to the physics and science of everyday life. This course will consider objects from our daily environment and will focus on their principles of operation, histories, and relationships to one another such as cell phones, computers, batteries, refrigerators, planes, rockets, satellites, etc. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: MAT007 with no previous science background.

PHY112‡ A-G / 4 cr. hrs.

TECHNICAL PHYSICS I

Acquaints students in Mechanical and Electrical Technology programs with fundamental aspects of physics. Study of Newton’s Laws of Motion and their applications, principles of conservation of energy and momentum, and rotation and rotational dynamics. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT112.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

PHY115‡ A-G / 4 cr. hrs.

TECHNICAL PHYSICS FOR HEALTH CAREERS

For physical therapist assistants and students in other health technologies. Includes application of principles of equilibrium to human muscular system; study of work and energy; electricity and magnetism and their relation to physical therapy equipment, heat, wave motion, atomic radiation and light. (3 hrs. lecture, 1 hr. recitation, 2 hrs. laboratory.) Prerequisite: MAT111 or equivalent.

Note: PHY115 does not satisfy prerequisite for PHY102.

PHY130‡ A / 3 cr. hrs.

PHYSICS I

Basic course in sequence of courses offered to majors in physical sciences, mathematics and engineering. Includes vectors, kinematics, dynamics, rotational kinematics and dynamics, gravitation. (4 hrs. lecture/ recitation.) Prerequisite: MAT141. Corequisites: MAT142, PHY132.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

PHY132‡ A / 1 cr. hrs.

PHYSICS I LAB

Mechanics laboratory. (2 hrs. laboratory.) Corequisite: PHY130.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

PHY230‡ A / 3 cr. hrs.

PHYSICS II

Introduction to electricity and magnetism, Coulombs Law, Gauss’s Law, potential, Lenz’s Law, Ampere’s Law, Faraday’s Law, inductance, magnetic materials. (4 hrs. lecture/ recitation.) Prerequisite: MAT142, PHY130; corequisites: PHY232, MAT203.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

PHY232‡ A / 1 cr. hrs.

PHYSICS II LAB

Elementary circuits laboratory, DC circuits, ammeters, voltmeters, mesh and loop equations, Thevenin’s theorem, superposition, impedance matching, transients, impedance. (2 hrs. laboratory.) Corequisite: PHY230

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

PHY245‡ A / 3 cr. hrs.

PHYSICS III

Thermodynamics, waves, group and phase velocity, Fourier series, oscillation in physical systems, AC circuit theory, Maxwell’s Equations, electromagnetic waves, and geometrical and physical optics. (4 hrs. lecture/ recitation.) Prerequisite: MAT204, PHY230 and PHY232. Corequisites: PHY246 and MAT203.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

PHY246‡ A / 1 cr. hrs.

PHYSICS III LAB

AC circuit theory, waves, physical optics, and special topics in electromagnetic waves and electronics. (2 hrs. laboratory.) Corequisite: PHY245.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

PHY295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN PHYSICS

Special and current topics in Physics may be available. See the online catalog for a complete listing.

PHY296 A-E-G / 3-4 cr. hrs.

HONORS SPECIAL TOPICS IN PHYSICS

Honors special topics courses in Physics may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

POLICE ADMINISTRATION

Courses offered at or through the Suffolk County Police Academy.

POA110 G / 3 cr. hrs.

THE ADMINISTRATION OF CRIMINAL JUSTICE

Court structure, courtroom testimony, laws of evidence and arrest, search and seizure, justification for use of force, confession and admissions and related subjects. No prerequisite.

POA113 G / 3 cr. hrs.

PHYSICAL EDUCATION AND DEFENSIVE TACTICS

Enables students to perform various exercises designed to improve cardiovascular endurance, muscular strength and flexibility. Also includes use of physical force for defensive purposes and to control actions of unruly persons. Training consists of various F.B.I.-approved defensive tactics. Proper nutrition also stressed. Does not count toward graduation. No prerequisite.

POA115 G / 3 cr. hrs.

PATROL FUNCTIONS AND PROCEDURES

Vehicle and foot patrol procedures, police radio communications, hazardous materials, emergency service, gas and electrical emergencies, death notification, crimes and incidents in progress, role-playing in routine and unusual situations confronting police officers. No prerequisite.

POA121 G / 3 cr. hrs.

CRIMINAL INVESTIGATIONS

Familiarization with specialized services such as crime laboratory, juvenile services, organized crime, medical examiner, canine patrol, etc. No prerequisite.

POA122 G / 3 cr. hrs.

FIRST AID - CPR

Introduction in total emergency cardiac care system: check and evaluate vital signs, manage airway and remove obstructions, and correctly perform cardiopulmonary resuscitation alone and/or with another rescuer. Also proper first aid to be rendered in various emergency situations. No prerequisite.

POA131 G / 6 cr. hrs.

CRIMINAL LAW AND PROCEDURE

Basic criminal law and procedure, definitions, and elements pertaining to appropriate degree and/or appropriate affirmative defenses. Crimes included but not limited to arson, assault, burglary, homicide, robbery, kidnapping, sex offenses, larceny and related offenses. No prerequisite.

POA155 G / 3 cr. hrs.

COMMUNITY RELATIONS FOR POLICE

Draws upon behavioral and social sciences to help prospective police officers recognize and deal with disturbed and violent people, potential suicides, alcohol abusers, sudden infant death syndrome, crisis intervention, etc. Also includes dealing with stress, sensitivity to human rights, ethics, and relations with citizens of diverse racial, ethnic, religious backgrounds. No prerequisite.

POA191 G / 6 cr. hrs.

CRIMINAL JUSTICE INTERNSHIP

A form of on-the-job training; highly structured and geared to duties and responsibilities inherent in enacting the police role. Occurs after formal classroom training and typically involves assignment of one or more experienced police officers to new recruit personnel for purpose of providing real on-the-street training, evaluation and retraining. Ultimately, objective of program is to prepare recruit personnel for solo assignments in the field. No prerequisite.

POLITICAL SCIENCE

POL101 A-G / 3 cr. hrs.

POLITICAL THOUGHT

Introduction to major issues in politics and society, including ethics, justice, freedom, law and use of power. Selections from major political thinkers discussed and related to current political and social issues. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences.

POL103 A-E-G / 3 cr. hrs.

STATE AND LOCAL POLITICS AND GOVERNMENT

Introduction to state and local governments, their institutions, processes by which they govern and political environments in which they operate. Includes current challenges state and local governments face due to changes in their relationship with national government and shifting policy needs. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences.

POL105 A-E-G / 3 cr. hrs.

AMERICAN NATIONAL POLITICS AND GOVERNMENT

Introduction to national political process which explores institutions and political environment in which they operate. In addition to historical development of American government, course also includes current issues that impact future of the government and the people it serves. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences and American History.

POL107 A-E-G / 3 cr. hrs.

WORLD POLITICS

Study of nation-state system and nations' struggle for power; pursuit of self-interest through use of war and peace; search for national security, economic growth, international prestige and status; and management of conflicts between rich and poor nations. Contemporary approaches to study of world politics reviewed. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences and Other World Civilizations.

POL 109 A / 3 cr. hrs.

BILL OF RIGHTS

Explores the historical development of our current understanding of the liberty guaranteed by the Bill of Rights. The course will provide a foundation in legal reasoning and Supreme Court processes. It will examine recent and anticipated court decisions and explore the underlying social conflicts that give rise to the matters confronting courts.

POL151‡ **A-G / 3-4 cr. hrs.****PUBLIC SERVICE INTERNSHIP**

Opportunity to observe and participate in work of governmental offices and government-funded community action agencies (8 hours per week.) Develops such skills as leadership, research, oral and written communication, as well as provides information regarding career planning. In addition to eight hours of field work, student attends 100-minute weekly seminar. Individual conferences also held between student and instructor. Prospective students should apply for this course at least two weeks prior to preregistration period. Prerequisite: Minimum of 18 college credits, 3.0 average or better, ENG101, POL103 and permission of departmental committee.

POL295 **A-E-G / 3-4 cr. hrs.****SPECIAL TOPICS IN POLITICAL SCIENCE**

Special and current topics in Political Science may be available. See the online catalog for a complete listing.

POL296 **A-E-G / 3-4 cr. hrs.****HONORS SPECIAL TOPICS IN POLITICAL SCIENCE**

Honors special topics courses in Political Science may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

PRACTICAL NURSING**PNU116** **E / 3 cr. hrs.****FOUNDATIONS FOR SUCCESS IN PRACTICAL NURSING**

Introduction to the profession of practical nursing. The role of the practical nurse, ethical and legal considerations, and therapeutic nurse-patient relationships are discussed. Communication skills and medical terminology are explored. Study skills, test-taking, and problem solving skills needed to succeed in the nursing profession are emphasized. Connects learning skills with those needed by the practical nurse (3 hrs. lecture). Prerequisite: BIO105, ENG101, PSY101; Corequisites: PNU119.

PNU119 **E / 2 cr. hrs.****PHARMACOLOGY SAFETY AND DOSAGE CALCULATION**

Fundamental principles of medication safety and patient safety-goal standards are discussed. The practical nurse's role in the prevention of medication errors is defined. Legal, ethical, and cultural considerations are also explored. Computations and measurements essential for the safe administration of medications by nurses are presented. Skill in solving dosage problems, calculating intravenous drip rates, and conversions between measurement systems is developed (2 hrs. lecture). Prerequisite: BIO105, ENG101, PSY101; Corequisite: PNU116.

PNU120‡ **E / 8 cr. hrs.****FUNDAMENTALS OF NURSING FOR THE PRACTICAL NURSE**

Provides the foundation for subsequent nursing courses. The study of basic nursing concepts as well as stress and adaptation is emphasized. Through this process, health and fulfillment of basic human needs is assessed. Dysfunctional adaptation caused by stress is assessed with emphasis on health promotion and maintenance. College laboratory and clinical experience in health care settings are utilized to develop and apply nursing theories and skills. Students enrolling in this course are automatically charged the liability insurance fee. (5 hrs. lecture, 2 hrs. college laboratory, 6 hrs. clinical laboratory). Prerequisite: PNU116, PNU119; Corequisite: PNU128.

PNU128‡ **E / 3 cr. hrs.****NURSING CARE OF ADULT CLIENTS I**

Focuses on the study of geriatric client and the client with a mental health disorder. Normal physiological and psychological changes associated with the aging process are discussed. The nursing process is utilized in the study of the geriatric client and the adult with a mental health disorder when response to stressors has resulted in illness. Adaptation and stress management are promoted for adults who manifest their response to stress with physical or mental illness. Clinical experiences in various health settings are utilized to develop and apply nursing theory and skills. Registration requires that students purchase liability insurance through the college. (2 hrs. lecture, 3 hrs. clinical) Prerequisite: PNU116, PNU119; Corequisite: PNU120.

PNU133‡ **E / 8 cr. hrs.****NURSING CARE OF ADULT CLIENTS II**

The nursing process is utilized in the study of adult health when response to stressors has resulted in illness. Adaptation and stress management are promoted for adults who manifest their response to stress by developing acute and chronic physical illnesses. Clients with multiple and complex health problems are explored. Experiences to integrate nursing theory and skill include the laboratory on campus and clinical experiences in health care settings. Registration requires that students purchase liability insurance through the college. (5 hrs. lecture, 2 hrs. laboratory, 6 hrs. clinical) Prerequisite: PNU116, PNU119, PNU120, PNU128; Corequisite: PNU135.

PNU135‡ E / 3 cr. hrs.
NURSING CARE OF MATERNAL-CHILD CLIENTS

The study of family health beginning with the mother and newborn during the childbearing process. The topic is continued through the study of the normal growth and development of the pediatric client. The nursing process is utilized in the study of family health incorporating responses and adaptation to stress. Adaptation and stress management is promoted with families during the childbearing process and with the ill pediatric client. Experiences to integrate nursing theory and skills include clinical experiences in healthcare settings and community agencies. Registration requires that students purchase liability insurance through the college. (2 hrs lecture, 3 hrs. clinical) Prerequisite: PNU116, PNU119, PNU120, PNU128; Corequisite: PNU133.

PNU295 E / 3-4 cr. hrs.
SPECIAL TOPICS IN PRACTICAL NURSING (LPN)

Special and current topics in Practical Nursing may be available. See online catalog for a complete listing.

PSYCHOLOGY

PSY101 A-E-G / 3 cr. hrs.
INTRODUCTION TO PSYCHOLOGY

Principles of human behavior as determined by scientific method. Includes compressed treatment of basic principles of learning, motivation, sensation and perception, and selected topics in physiological psychology, childhood, adolescence and adulthood, human motivation, emotion, behavior disorders and adjustment. Prerequisite: RDG099 or ESL012 or equivalent.

Note: Fulfills SUNY General Education Requirement for Social Sciences.

PSY105 A-E-G / 3 cr. hrs.
APPLIED PSYCHOLOGY

Applied presentation of psychological background and viewpoints to understanding human behavior in such areas as learning, mental health and adjustment, business and industry, consumerism and political issues. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Social Sciences.

PSY201 A-E-G / 3 cr. hrs.
BRAIN AND BEHAVIOR

Second semester of scientific study of human behavior. Stresses biological basis for behavior, physiological background of motivation, theories of learning, thinking, behavior genetics, theories of personality, psychopathology, and recent research and developments in psychology. Recommended for students who plan to major in behavioral sciences at baccalaureate institutions. Prerequisite: PSY101.

PSY202 A / 3 cr. hrs.
SPORTS PSYCHOLOGY

Explores topical issues related to sports from several perspectives—those of individual athletes, coaches, sports psychologists, trainers, sports managers and that of the larger society. Issues discussed include goal setting for peak performance, motivation, competitive stressors, visualization, burnout and drug abuse, as well as issues of race and gender as they relate to stereotyping, participation and opportunity structure. Prerequisite: PSY101.

PSY203 A-E-G / 3 cr. hrs.
CHILD PSYCHOLOGY

An examination of growth and changes from conception through late childhood. The theories and methods of psychology will be applied to gain understanding of the changes and continuity of physical, cognitive, social and emotional processes in childhood. Topics include: language and communication skills, motor development, parenting styles and challenges, bonding, family composition and abnormal development. Prerequisite: PSY101.

PSY205 E-G / 3 cr. hrs.
HEALTH PSYCHOLOGY

Health psychology is an area within psychology devoted to understanding the influence psychological factors have on health maintenance, etiology of illness and how people react when they do become ill. Concerned with all psychological aspects of health and illness. Exposes students to such diverse topics as impact of life stress and life events on physical and psychological health status, stress management, health maintenance behaviors (e.g., diet and exercise), and how to get people to improve their health and change health-damaging behaviors such as smoking and alcoholism. Prerequisite: PSY101.

PSY210 A-E-G / 3 cr. hrs.
LIFESPAN DEVELOPMENT

Study of human developmental processes. Examines origin and development of physical, emotional, intellectual and social competencies across the life span. Research, practical applications and a diversity of theoretical approaches are presented. Prerequisite: PSY101.

PSY211 A / 3 cr. hrs.
THE PSYCHOLOGY OF ADULTHOOD AND AGING

Investigates progress of human development throughout adulthood and later life, primarily from psychological perspective. Although most of human lifespan is spent as an adult, developmental psychology courses, because of time constraints, either stop at adolescence or give short shrift to what follows it. This course enables students to understand psychological as well as sociological and anthropological aspects of the process of becoming an adult and aging. Prerequisite: PSY101.

Note: Credit given for PSY211 or SOC220 but not both.

PSY212 A / 3 cr. hrs.**THE PSYCHOLOGY OF GENDER**

The purpose of this course is to introduce students to the discipline assessing the behavior and thought patterns of women and men. Issues relevant to the Psychology of Gender include: how gender identity develops, the role of both biological and social entities in creating the psychological components of gender, the media's damaging role in the sustenance of gender's stereotypes, the role of gender in mental illnesses, and women's evolving social roles and their impact on relationships and children. These issues are prevalent in students' personal and professional lives, but they are usually not examined on a theoretical level. Gender issues are an important topic in psychology because different social roles create a unique psychology relevant to both women and men. This course will enhance students' critical thinking skills and provide an interdisciplinary forum to critique contexts and see the role of gender in our psychological health. Prerequisite: PSY101.

PSY213 A-E-G / 3 cr. hrs.**THE EXCEPTIONAL CHILD**

Introduces students to needs, abilities and prognosis for children who are mentally retarded, hyperactive, emotionally disturbed, physically disabled, gifted and talented, learning disabled, or possess speech, hearing and visual impairments. Psychological, educational, parental, legal and medical considerations are explored. Prerequisite: PSY101.

PSY215 A-E-G / 3 cr. hrs.**ABNORMAL PSYCHOLOGY**

Examines historical roots, theoretical orientations and current controversies in psychopathologies. Emphasis on description, cause and treatment of behavior disturbances. Prerequisite: PSY101.

PSY216 A-E-G / 3 cr. hrs.**SOCIAL PSYCHOLOGY**

Study of social interaction at several levels including personal perception and impression management, affiliation and attraction, aggression and pro-social behavior, attitude formation and change, group behavior and conformity, and social interaction in a changing society. Prerequisite: PSY101.

PSY217 A-E-G / 3 cr. hrs.**ADOLESCENT PSYCHOLOGY**

An examination of the changes of the period between childhood and adulthood in its social, historical and cultural context. Emphasis will be placed on the physical, cognitive, social and emotional changes as well as the influence of family, peers and the broader culture. Topics include; puberty and growth, identity formation, moral reasoning, value clarification, gender and intimacy issues, peer pressure, media influences, coping skills and substance abuse. Prerequisite: PSY101.

PSY218 E-G / 3 cr. hrs.**THEORIES OF PERSONALITY**

Examination of different approaches to an understanding of human personality through study of such theories as the behavioristic, psychoanalytical (including both Freud and Neo-Freudians), phenomenological, type and trait; consideration of their contribution to a clear and intelligible understanding of the human organism as an apparently integrated being. Prerequisite: 6 credits Psychology, or PSY101 and permission of instructor.

PSY220 A-E-G / 3 cr. hrs.**EDUCATIONAL PSYCHOLOGY**

Understanding and applying methods of psychology to problems encountered in teaching/learning situations. Prepares way for professional understanding and insight into problems encountered in the contemporary classroom. Prerequisite: PSY101.

PSY247 E / 3 cr. hrs.**THE PSYCHOLOGY OF SEXUALITY**

This course which focuses on human sexual functioning as shaped by psychological issues such as emotion, motivation and personality. Considers evolution of theories of sexuality originated by Havelock Ellis, Sigmund Freud and Wilhelm Reich, and enriched by contemporary researchers such as Masters and Johnson and John Gagnon. Psychology of interpersonal relations, identity formation, sexual deviation, and role of evolution in shaping cognitive abilities and mating preferences are addressed. (This course can be used to satisfy social science, liberal arts or unrestricted elective requirements.) Prerequisite: PSY101.

Note: Credit given for either PSY247 or HSC111 but not both.

PSY295 A-E-G / 3-4 cr. hrs.**SPECIAL TOPICS IN PSYCHOLOGY**

Special and current topics in Psychology may be available. See the online catalog for a complete listing.

PSY296 A-E-G / 3-4 cr. hrs.**HONORS SPECIAL TOPICS IN PSYCHOLOGY**

Honors special topics courses in Psychology may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

RADIO AND TELEVISION PRODUCTION

RTV101 A / 3 cr. hrs.

INTRODUCTION TO BROADCASTING

Studies social impact of broadcasting through historical examination of origins of radio and television. Such issues as programming, audience measurement, advertising, public broadcasting and cable casting are approached from their economic and cultural influences. Field trips and guest speakers. No prerequisite.

RTV102 A / 3 cr. hrs.

ISSUES IN BROADCASTING

Seminar dealing with crucial contemporary issues in broadcasting and cable television fields. Relationship of these issues to past, present and future of industry discussed. Students required to perform research projects and provide oral reports. Prerequisite: RTV101.

RTV111‡ A / 3 cr. hrs.

RADIO PRODUCTION

Production principles and setups for specific programs: deejay, live music, drama (sound effects), interview and remote sports. Procedures in manipulation of studio equipment: microphones, audio mixing consoles, turntables, reel-to-reel, cartridge tape machines and remotes. Production hours assigned. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: Matriculation in Radio and Television Production curriculum.

RTV112‡ A / 3 cr. hrs.

ADVANCED RADIO PRODUCTION

Teaches advanced digital audio production and recording techniques. Uses digital audio recording, editing and playback technology to produce products such as public service announcements, commercials, station imaging campaigns, documentaries and news productions. Multi-track audio editing is used for music and commercial production. Explores format and development of production projects and examines contemporary industry product for technique and style of production. Prerequisite: RTV111.

RTV121‡ A / 3 cr. hrs.

TELEVISION PRODUCTION I

Production techniques of TV director, producer and operational staff in execution of programs, news, interviews, documentaries, special events, video tape operation, graphics, cameras and composition, camera, set-up, switching, sound, lighting; rotation in all production positions. RTV121 stresses equipment operations. Hands-on operations stressed in practical production experience. Production hours assigned. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: RTV111.

RTV122‡ A / 3 cr. hrs.

TELEVISION PRODUCTION II

Production techniques of TV director, producer and operational staff in execution of programs, news, interviews, documentaries, special events, video tape operation, graphics, cameras and composition, camera, set-up, switching, sound lighting; rotation in all production positions. RTV122 emphasizes role of producer/director. Hands-on operations stressed in practical production experience. Production hours assigned. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: RTV111.

RTV125 A / 3 cr. hrs.

BROADCAST COPY AND SCRIPT WRITING

Analysis and writing of radio and television copy. Scripts studied include broadcast news, commercials, documentaries, special events and drama. Commercials and original copy are utilized. Prerequisite: ENG101 and matriculation in Radio and Television Production curriculum.

RTV201 A / 3 cr. hrs.

ELECTRONIC MEDIA MANAGEMENT

Broadcast managerial concerns such as ascertainment of community problems and demographic features, audience measurement, programming, sales and promotion, independent/network affiliation. Resum´ writing and interview preparation for entry-level positions. Prerequisite: RTV111.

RTV203‡ A / 4 cr. hrs.

ELECTRONIC FIELD PRODUCTION

Teaches skills involved in development of materials for television news and public affairs "magazine" programs. Hands-on experience provided in areas of production planning, on-location shooting and recording, and video tape editing. Prerequisite: CIN117 and RTV121.

RTV204‡ A / 4 cr. hrs.

VIDEO EDITING

Technology, techniques and theory of television postproduction. Students work with computer-based non-linear editing systems. Variety of projects designed to approximate industry editing requirements required. Teaches reading of waveform monitor and vector scope, and alignment of editing system. Field trips to local editing facilities. Prerequisite: RTV203.

RTV250‡ A / 4 cr. hrs.

INTERNSHIP IN VIDEO AND SOUND

Field work in broadcasting or cable television environment. Student obligations to be agreed upon in internship contract. Supervising faculty hold periodic meetings with student interns and their supervisors to coordinate intern performance. Students have obligation of 150 hours of field work and periodic class/discussion meetings. Registration in these courses requires that students purchase liability insurance through the college. Prerequisite: Matriculation in Radio and Television Production curriculum and successful completion of 6 or more RTV credits with grade of B or better.

RTV251‡ A / 4 cr. hrs.

INTERNSHIP IN VIDEO AND SOUND

Field work in broadcasting or cable television environment. Student obligations to be agreed upon in internship contract. Supervising faculty hold periodic meetings with student interns and their supervisors to coordinate intern performance. Students have obligation of 150 hours of field work and periodic class/discussion meetings. Registration in these courses requires that students purchase liability insurance through the college. Prerequisite: Matriculation in Radio and Television Production curriculum and successful completion of 6 or more RT credits with grade of B or better.

RTV255‡ A / 2 cr. hrs.

REMOTE TELEVISION PRODUCTION

This course teaches skills related to multi-camera television productions which are produced on remote locations. Students serve as a production company throughout the semester in order to produce four telecasts. Preproduction and production techniques are learned as students produce sports and special events telecasts from a variety of locations. These telecasts will be webcast onto the college website. Prerequisite: RTV121 or permission of instructor.

RTV295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN RADIO/TELEVISION PRODUCTION

Special and current topics in Radio/Television Production may be available. See the online catalog for a complete listing.

CIN242 A / 3 cr. hrs.

SELECTED GENRES IN CINEMA

Analysis of themes and their stylistic interpretation in notable films of a particular genre (i.e. science fiction, comedy, the Western, etc.). Through critical examination of historically significant films—with comparisons with original literary works, when appropriate—students will work toward a definition of the selected genre. No prerequisite.

READING**Placement**

Incoming students are initially placed in RGDG098 or RGDG099 on the basis of the SCCC College Placement Test (CPT) score and high school record.

Course Selection after the First Semester

1. *It is expected that those students initially placed in RDG098 will enroll in RDG099 the following semester in order to complete the developmental sequence.*
2. *Those students initially placed in RDG099 should follow the degree requirements of their curriculum as listed in the college catalog. Students who have additional questions about course selection after completion of RDG099 should consult members of the Reading faculty at their home campus.*

RDG098 A-E-G / 3 hrs.

INTRODUCTION TO COLLEGE READING

Provides individual and small group instruction in basic reading and study skills. Involves intensive instruction geared to develop higher level of competence to assure success in subject classes and allow entry into RDG099. Requires completion of 12 clock hours of individualized laboratory work for improvement of specific skill needs. Graded on an S-R-U-W basis. Not applicable toward any degree or certificate.

RDG099 A-E-G / 3 hrs.

READING IN THE CONTENT AREAS

Enhances basic reading skills necessary for successful completion of other content area courses. Develops ability to read and study textbook materials effectively; discover main ideas in paragraphs; discover meaning through use of absolute and conditional language; note details and make inferences; recognize structural devices in sentences and paragraphs; draw conclusions; outline and summarize; take notes from written and oral material; use proper form and style for research paper writing; develop vocabulary; prepare for and take exams; and develop study skills. Requires completion of 12 clock hours of individualized laboratory work for improvement of specific skill needs. Graded on S-R-U-W basis. Not applicable toward any degree or certificate.

RDG101 A-E-G / 3 cr. hrs.

ADVANCED COLLEGE READING

Develops advanced reading skills that sharpen ability to read and comprehend longer-passage materials through knowledge of structure, style, content and author intent. Emphasis on ability to analyze material for levels of profundity; main idea; paragraph order; deductive, inductive, development by facts, description of a process, analysis, cause and effect, classification, comparison/contrast, analogy; vocabulary development through contextual clues and word analogies; denotative and connotative language; inference and judgment; and appropriate reading approach. Involves class lecture and discussion sessions. Can be used to satisfy liberal arts and sciences elective requirements. No prerequisite.

SOCIOLOGY

SOC101 A-E-G / 3 cr. hrs.

INTRODUCTION TO SOCIOLOGY

Fundamental principles and concepts of sociology including culture, interaction, norms, values, institutions, stratification and social change. Prerequisite: RDG099 or ESL012 or equivalent.

Note: Fulfills SUNY General Education Requirement for Social Sciences.

SOC122 A-E-G / 3 cr. hrs.**MODERN SOCIAL PROBLEMS**

Examination of social problems generated in modern societies, chosen from among the following: deviant behavior, inequality, poverty, cults, ethnic and race relations, sexism, mental health, crime, drug and alcohol abuse. Prerequisite: SOC101 or permission of instructor.

Note: Fulfills SUNY General Education Requirement for Social Sciences.

SOC203 A-E-G / 3 cr. hrs.**MARRIAGE AND THE FAMILY**

Institution of the family as it fulfills specific social and individual needs. Emphasis on modern American family; cross-cultural elements also treated. Particular topics include mate selection, socialization, marital and parental relationships, role of the state, divorce and remarriage. Prerequisite: SOC101.

SOC205 A-E-G / 3 cr. hrs.**CRIMINOLOGY**

In-depth analysis of social nature of crime. Particular emphasis on cultural origins of deviance. Topics include penology, social control and administration of justice. Prerequisite: SOC101.

SOC212 G / 3 cr. hrs.**DEATH AND DYING**

Study of various aspects of the dying process with emphasis on American society. Some areas of concern are theories of bereavement and grieving, attitudes toward death, social processes such as wakes and funerals, religious orientations, and forms of sudden death. No prerequisite.

SOC215 A / 3 cr. hrs.**THE SOCIOLOGY OF GENDER**

Considers a number of gender-related questions facing U.S. society. What economic, social and cultural changes have modified traditional definitions of femininity and masculinity? How is gender socially constructed, reconstructed and deconstructed? Considers implications of changing gender roles for personal relationships among women, between women and men, and among men. How do women and men experience situations differently? Students learn about feminist movements, their impact on men's movements, and their implications for social change. Is there movement toward sexual equality? Explores cultural consequences of gender inequality in various institutions, and also examines intricate web of interrelationships between gender, race, class and age. Prerequisite: SOC101.

SOC220 E / 3 cr. hrs.**SOCIOLOGY OF THE AGING**

Comprehensive coverage of all aspects of aging in contemporary life. Social and economic forces that tend to make elderly people increasingly dependent with age are considered. Life for the aged is very much subject to the culture of which one is a part. Emphasis on social processes and social change to make students aware that certain conditions of old age are not static, but always subject to change. Social theories of aging are analyzed from perspective of their validity over time and across cultures, and their relative influence on development of social policies. Finally, course examines one's changing perceptions of self with age and role transitions. No prerequisite.

Note: Credit given for either SOC220 or PSY211 but not both.

SOC224 E / 3 cr. hrs.**SOCIOLOGY OF HEALTH AND ILLNESS**

Introduction to the field of medical sociology. Topics include social demography and epidemiology; stress and its relationship to health lifestyles and health and illness behavior; health-seeking options within the health care system; the structure and organization of health care; and comparative health care systems. Prerequisite: SOC101.

SOC295 A-E-G / 3-4 cr. hrs.**SPECIAL TOPICS IN SOCIOLOGY**

Special and current topics in Sociology may be available. See the online catalog for a complete listing.

SOC296 A-E-G / 3-4 cr. hrs.**HONORS SPECIAL TOPICS IN SOCIOLOGY**

Honors special topics courses in Sociology may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

SPANISH**SPN101-SPN102** A-E-G / 3 cr. hrs.**ELEMENTARY SPANISH I AND II**

Introductory sequential course in Spanish which develops four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Basic concepts of Spanish and Hispanic culture are introduced. Required online workbook/lab manual component. SPN101 is for students with little or no knowledge of Spanish; it is not appropriate for native / fluent speakers of Spanish; SPN201 or SPN125 recommended or see advisor. (See guidelines chart in College catalog under "Foreign Language.") No prerequisite.

Note: Fulfills SUNY General Education Requirement for Foreign Language.

SPN113 **A-E-G / 6 cr. hrs.**
**INTENSIVE ELEMENTARY SPANISH I
 AND II**

Accelerated course covering elementary Spanish sequence (SPN101 and SPN102) in one semester. Required online workbook/lab manual course component. SPN113 is for students with little or no knowledge of Spanish. This course is not appropriate for native/fluent speakers of Spanish; SPN201 or SPN125 recommended or see advisor. No prerequisite.

Notes: May not be taken for credit after any other course in Spanish. Fulfills SUNY General Education Requirement for Foreign Language.

SPN120 **G / 3 cr. hrs.**
BASIC CONVERSATIONAL SPANISH I

Basic conversational course for students with little or no background in Spanish which covers grammar and vocabulary useful for speaking and understanding Spanish at work, home and in other day-to-day environments. May not be used to fulfill language requirement for humanities, social sciences and general studies curricula or for transfer purposes. May be used to satisfy liberal arts, humanities or unrestricted elective requirements in other curricula. No prerequisite.

SPN121 **G / 3 cr. hrs.**
BASIC CONVERSATIONAL SPANISH II

Basic, conversational course for students with little or no background in Spanish. Covers grammar and vocabulary useful in speaking and understanding Spanish at work, home and in other day-to-day environments. May not be used to fulfill language requirement for humanities, social science and general studies curricula or for transfer purposes. May be used to satisfy liberal arts, humanities or unrestricted elective requirements. Prerequisite: SPN120 or equivalent.

SPN122 **G / 3 cr. hrs.**
SPANISH FOR HEALTH CARE PERSONNEL

Meets special linguistic needs of medical personnel and others who deal with Spanish-speaking clients in a health care setting. Basic linguistic and grammatical structures and vocabulary covered in context of medical/health-related situations. No prerequisite.

Note: Does not fulfill foreign language requirements.

SPN125 **A-E-G / 3 cr. hrs.**
SPANISH FOR SPANISH SPEAKERS

Designed to meet special linguistic needs of native or fluent speakers of Spanish who would benefit from formal language instruction in Spanish. Emphasizes reading and writing skills as well as vocabulary building. Also develops cultural awareness. No prerequisite.

SPN201 **A-E-G / 3 cr. hrs.**
INTERMEDIATE SPANISH I

Continues study of structures of Spanish with more intensive oral and writing practice. Cultural and literary selections will be introduced. Required online workbook/lab manual component. Prerequisite: SPN102 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages" or see academic chair.)

Note: Fulfills SUNY General Education Requirement for Foreign Language.

SPN202 **A-E-G / 3 cr. hrs.**
INTERMEDIATE SPANISH II

Structural review focusing on oral and written communication. Introduces social, political and cultural aspects of Hispanic world through analysis of wide range of authentic literary and cultural selections. Prerequisite: SPN201 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages" or see academic chair.)

Note: Fulfills SUNY General Education Requirement for Foreign Language.

SPN220 **A-E-G / 3 cr. hrs.**
**SPANISH CONVERSATION AND
 COMPOSITION**

Advanced-level course focusing on development of oral and written communication skills within wide range of contexts and situations. Reviews specific grammatical structures, broadens general vocabulary and enhances correct pronunciation techniques to strengthen accuracy and precision in oral and written Spanish. Prerequisite: SPN202 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages" or see academic chair.)

Note: Fulfills SUNY General Education Requirement for Foreign Language.

SPN221 **A-E-G / 3 cr. hrs.**
CULTURE AND CIVILIZATION OF SPAIN

Provides overview of culture and civilization of Spain by examining literature, history and art forms, including film, music and mass media. Given in Spanish. Prerequisite: SPN202 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

SPN222 **A-E-G / 3 cr. hrs.**
**SURVEY OF CONTEMPORARY SPANISH
 LITERATURE**

Studies representative works of 20th and 21st century Spanish literature. Students read, analyze and discuss selections from prose, poetry and theater. Given in Spanish. Prerequisite: SPN202 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

Note: Fulfills SUNY General Education Requirement for Humanities.

SPN223 A-E-G / 3 cr. hrs.
ADVANCED SPANISH GRAMMAR AND COMPOSITION

Develops higher levels of proficiency needed to communicate effectively in academic and professional writing tasks. Focuses on expository writing techniques such as analysis, organization, editing and revision. Attention given to more detailed aspects of grammatical structure and expansion of more formal vocabulary. Prerequisite: SPN202 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

Note: Fulfills SUNY General Education Requirement for Foreign Language.

SPN224 A / 3 cr. hrs.
SPAIN THROUGH ITS CINEMA

Overview of the cinema produced in Spain during the 20th and 21st centuries. The class will also analyze the context of production of the films, the culture of Spain, its history, its social complexities and how these are reflected in the country's cinematic production. Given in Spanish. Prerequisite: SPN202 or fulfillment of equivalent high school placement requirement or departmental permission.

Note: Fulfills SUNY General Education Requirement for Humanities or Foreign Language.

SPN225 A / 3 cr. hrs.
CULTURE AND CIVILIZATION OF LATIN AMERICA

Provides overview of culture and civilization of Latin America by examining literature, history and art forms, including film, music and mass media. Given in Spanish. Prerequisite: SPN202 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

Note: Fulfills SUNY General Education Requirement for Humanities.

SPN226 A-E-G / 3 cr. hrs.
SURVEY OF CONTEMPORARY LATIN AMERICAN LITERATURE

Studies representative works of 20th and 21st century Latin American literature. Students read, analyze and discuss selections from prose, poetry and theater. Given in Spanish. Prerequisite: SPN202 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

Note: Fulfills SUNY General Education Requirement for Humanities.

SPN295 A-E-G / 3-4 cr. hrs.
SPECIAL TOPICS IN SPANISH

Special and current topics in Spanish may be available. See the online catalog for a complete listing.

SPN296 A-E-G / 3-4 cr. hrs.
HONORS SPECIAL TOPICS IN SPANISH

Honors special topics courses in Spanish may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

TELECOMMUNICATIONS TECHNOLOGY

TEL112‡ A / 4 cr. hrs.
ELECTRICAL CIRCUITS

Training in application of Ohm's law, Kirchhoff's laws, Thevenin's and Norton's theorem, and superposition related to analysis of DC and AC passive circuits. Includes RLC circuits, complex impedances, phases, resonance and transformers. (3 hrs. lecture, 2 hrs. laboratory.) Corequisites: MAT112 and TEL115.

TEL115‡ A / 3 cr. hrs.
COMPUTER APPLICATIONS IN TELECOMMUNICATIONS

Extensive training in basic computer orientation and use of computer as multimedia tool. A variety of software packages are related to the workplace to create documents, memos, spreadsheets, graphs, databases and presentations. Use of electronic mail and software is designed to enhance productivity in classroom and workplace. (2 hrs. lecture, 2 hrs. laboratory.) Corequisite: MAT112 or equivalent.

TEL220‡ A / 4 cr. hrs.
TELECOMMUNICATIONS I: VOICE

Introduction to techniques, principles and terminology of voice telecommunications. Public and private networks are examined. Telecommunications equipment, switching and transmission technology are demonstrated. Frequency spectrum, modulation schemes and multiplexing techniques are explored. Lectures, interactive learning and demonstrations are employed. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT112, TEL112 and TEL115; corequisites: TEL222 and TEL224.

TEL222‡ A / 4 cr. hrs.
ELECTRONICS I

Students are trained in physical principles underlying current carriers in semiconductor materials; static and dynamic characteristics of diodes and transistors; biasing methods and concepts of amplification; analysis of basic BJT and FET circuits; frequency response of one- and two-stage amplifiers; troubleshooting, and analysis by computer simulation. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT112, TEL112, and TEL115. Corequisite: MAT113.

TEL224‡ A / 4 cr. hrs.

DIGITAL ELECTRONICS I

Covers topics related to number systems and codes, logic functions and Boolean algebra. IC building blocks are used in applications ranging from logic gates to flip-flops, counters, registers and arithmetic circuits. Algebraic reduction and mapping used to minimize Boolean expressions and combinational logic circuits. Computer simulation of digital circuits used to verify actual hardware setups. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT112, TEL112, and TEL115; corequisites: MAT113 and TEL222.

TEL230‡ A / 4 cr. hrs.

TELECOMMUNICATIONS II: DATA

Introduction to techniques, principles and terminology of data telecommunications. Public and private telecommunications networks are examined. Data communications equipment, multiplexing and transmission technology are demonstrated. Lectures, interactive learning and demonstrations are employed. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT113 and TEL220; corequisites: TEL232, TEL234, and PHY112.

TEL232‡ A / 4 cr. hrs.

ELECTRONICS II

Analysis and application of advanced electronic circuits. Topics include differential amplifiers, stage gain in decibels, input and output impedances, linear IC operational amplifiers, frequency response and Bode plot, active filters, D/A and A/D circuits, oscillators and high-frequency amplifiers, troubleshooting of test circuits, and analysis by computer simulation. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT113 and TEL222.

TEL234‡ A / 4 cr. hrs.

DIGITAL ELECTRONICS II

Organization, architecture and hardware aspects of digital computers. Topics include introduction to microprocessors, types and characteristics of different chips, motherboards, bus structures, memory, I/O interfaces, disk drives, video displays and printers. Serial and parallel buses are discussed. Applications include interfacing of peripherals, data communications between computers, and a team project. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT113 and TEL224; corequisite: TEL232.

TEL240‡ A / 4 cr. hrs.

TELECOMMUNICATIONS III: LOCAL AREA NETWORKS

Introduction to technology and terminology of Local Area Networks (LANs). Topologies, transmission media, network interfaces and access methods are examined. Shared resources and interconnecting of LANs presented via lectures, interactive learning and laboratory exercises. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT113 and TEL230.

TEL242‡ A / 4 cr. hrs.

TELECOMMUNICATIONS IV: EMERGING TECHNOLOGIES

Introduces emerging technologies such as packet technology, ISDN, video gateway services, intelligent networks and wireless communications. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT113 and TEL230. Corequisite: TEL240.

TEL295 A-E-G / 3-4 cr. hrs.

SPECIAL TOPICS IN TELECOMMUNICATIONS TECHNOLOGY

Special and current topics in Telecommunications Technology may be available. See the online catalog for a complete listing.

THEATRE ARTS

THR100 A / 1.5 cr. hrs.

FRESHMAN SEMINAR FOR THEATRE MAJORS

Introduces methods and techniques through which Theatre Arts students can succeed in their discipline at college. Specific topics include college procedures and resources, academic advisement, time management for theatre artists, goal-setting, test and note taking, library research, health issues, and other areas related to student success in college and specifically the theatre arts field. Preliminary research into career paths will also be included. Students are expected to enroll in this class in their first semester. No prerequisite.

Note: Fulfills Freshman Seminar requirement for students in Theatre Arts A.S. degree.

THR101 A-E-G / 3 cr. hrs.

UNDERSTANDING THEATRE

Introductory course developing appreciation for and understanding of theatre in all its facets throughout history up to the present. Through lecture/demonstration and attendance at college theatre productions, students are exposed to major components of theatre including historical aspects, playwrighting, acting, directing and designing. No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

THR105 A-E-G / 3 cr. hrs.

ACTING I

Study and practice in basic techniques of acting. Application of theory through presentations of scenes, improvisations and exercises in class. No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

Theatre Arts

THR115‡ A / 3 cr. hrs.
BASIC THEATRE PRACTICE: STAGECRAFT
Principles and practices of scenic construction, painting, shifting, rigging and stage mechanics. Development of skills in safe use of hand and power tools and stage equipment. Students learn to read ground plans and working drawings. Production projects in association with staging a college play are required. No prerequisite.

THR116‡ A / 3 cr. hrs.
BASIC THEATRE PRACTICE: LIGHTING CRAFTS
Basic electricity necessary for using and maintaining stage lighting instruments and accessories. Safety practices are taught. Major topics include principles of lighting, types and functions of lighting instruments, manual and remote lighting controls. Experience offered in production practices in translating a lighting design for a specific script to the lighted stage. Included are reading designs, organizing setup period, preparation of charts, plugging, rigging, hanging, focusing of instruments and running the production. No prerequisite.

THR117‡ A / 3 cr. hrs.
BASIC THEATRE PRACTICE: COSTUME CRAFTS
Basic sewing and costume construction. Includes simple maintenance of sewing equipment, organization of studio identification, use of supplies and characteristics, and treatment of natural and synthetic fabrics. Experience offered in analyzing and building costume design for a specific script into a finished costume. Includes pattern drafting, cutting and fitting. No prerequisite.

THR118‡ A / 3 cr. hrs.
BASIC THEATRE PRACTICE: DESIGN AND DRAFTING
Communicating visual ideas through the use of mechanical drawing specifically for theatre applications. Includes training in various elements of technical theatre and stage design graphics, specifically drafting techniques and symbols (USITT standard) for producing ground plans, elevations and detail drawings. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: THR115.

Note: Offered spring semester only., on alternate years with THR119

THR119‡ A / 3 cr. hrs.
BASIC THEATRE PRACTICE: SOUND
Equipment, methods and practices used in production of sound for the stage. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite.

Note: Offered spring semester only. on alternate years with THR118.

THR120 A / 3 cr. hrs.
STAGE MAKEUP
This is an elementary class in Stage Makeup. Content will be devoted to character analysis, makeup design, and application. This class will provide an overview of the subject matter and the basic technical skills related to the material so that the student will be equipped to solve problems in future situations. Specific projects will include basic corrective makeup, aging techniques, crepe wool beards and artificial facial hair, special effects trauma (stage blood and latex), and fantasy applications. Students will be required to purchase a theatrical makeup kit and additional makeup for an approximate cost of \$75.00 to \$100.00. No prerequisite.

THR127 A / 3 cr. hrs.
STAGE COMBAT
Provides students practical concentrated study in basics of stage fighting. Utilizing fencing to develop focus, coordination and safety, students progress through rapier and broadsword use to elementary hand-to-hand techniques. Culmination of studies is staged choreography, with partner, of classical fight scene to demonstrate competence in all disciplines. No prerequisite.

THR131 A / 3 cr. hrs.
NEW YORK THEATRE
Theatre appreciation based on experiencing actual professional theatrical productions in New York. Lecture/discussion focuses on aspects of theatre production and critiques of performances attended. Cost of theatre tickets and transportation is responsibility of each student. No prerequisite.

Note: Fulfills SUNY General Education Requirement for The Arts.

THR151 A-E / 3 cr. hrs.
THEATRE WORKSHOP
Becoming a member of a theatre company is the goal of Theatre Workshop. Professional-style experience is gained through cast, crew, or stage management experiences in plays and musicals. May be taken for credit for more than two semesters. Prerequisite: Permission of instructor.

THR152-THR155‡ A / 2 cr. hrs.
PRODUCTION LABORATORY I-IV
Learning through doing is the goal of the Production Laboratory. Practical experience in theatre is achieved by successfully participating in executing projects in scenic construction, stage lighting, costume construction, properties and scenic painting. No prerequisite.

Note: Students who take more than one semester of Production Laboratory work in a variety of production areas. Specific assignments to production areas are made by instructor of THR152-155.

THR171‡ A / 3 cr. hrs.**STAGE RIGGING AND FALL PROTECTION**

Introductory course in temporary rigging applications, rigging hardware and fall protection. Students gain respect for rigging equipment and its safe use. Guest speakers include college OSHA officials and industry professionals. (30 hrs. lecture, 30 hrs. laboratory.) No prerequisite.

THR205 A-G / 3 cr. hrs.**ACTING II**

Concentrated study and practice of character creation through period and contemporary scene studies and class exercises. Prerequisite: THR105 or permission of instructor.

THR207 A / 3 cr. hrs.**THE ACTOR'S INSTRUMENT**

The Actor's Instrument is a voice and speech course exploring the interconnectedness of voice, speech, breath, text and acting. Students will learn a thorough vocal warm-up, the basics of vocal health, and methods of using the voice as means of pursuing a character's objective. In addition, students will be introduced to the Skinner method of speech and phonetic transcription. Prerequisite: THR105.

THR210 A / 3 cr. hrs.**AUDITION PREPARATION**

Offers practical concentrated study in basics of auditioning from the research, selection and rehearsal of a repertoire of four contrasting monologues to the utilization of the rules of Stanislavski-based text and scene analysis as it applies to the art of the cold reading. Teaches importance of proper audition etiquette and professional conduct. Course culminates with a monologue presentation critiqued by Acting Department faculty. Offered fall semester only. Prerequisite: THR105 and THR205.

THR211 A / 3 cr. hrs.**CLASSICAL THEATRE**

This course offers an introduction to Classical drama from the fifth century B.C. through the renaissance. Its aim is to familiarize students with a range of significant texts from the period and to demonstrate how various dramatic conventions function to illuminate their themes and the concerns and beliefs of the times from which they emerge. Students will be able to understand and enjoy this important body of dramatic work by both textual study and through a variety of media. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities and The Arts.

THR212 A / 3 cr. hrs.**MODERN THEATRE**

This course offers an introduction to Modern drama beginning in the nineteenth century and continuing into the present. Its aim is to familiarize students with a range of significant texts from the dramatic literature of the period and to provide them with an insight into the dramatic conventions they employ. Students will be able to understand and enjoy this important body of work by both textual study and through a variety of media. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities and The Arts.

THR244 A / 1.5 cr. hrs.**THEATRE PORTFOLIO PREPARATION**

Focuses on in-depth analysis and final presentation of cumulative work. Additionally, course requires research into next desired level of training. Prerequisites for Acting Sequence (THAC-AS): THR101, THR105, THR115, THR117, THR152, THR153, and THR205. Prerequisites for Technical Theatre Sequence (THTT-AS): THR101, THR105, THR115, THR116, THR152, and THR153.

THR295 A-E-G / 3-4 cr. hrs.**SPECIAL TOPICS IN THEATRE ARTS**

Special and current topics in Theatre Arts may be available. See the online catalog for a complete listing.

VETERINARY SCIENCE TECHNOLOGY**VST101‡** G / 2 cr. hrs.**INTRODUCTION TO ANIMAL TECHNOLOGY**

Survey course introducing terminology and specializations of animal technology field. Lectures and demonstrations include role of veterinary technician; career opportunities; safety, ethics and humane treatment of animals; information related to different classifications and breeds of animals; principles and practices of animal care in clinics, hospitals and research laboratories; handling and restraint of large, small and research animals; legal regulations, state and federal laws. Requires two field visits to observe professions in animal health field. Students must demonstrate proof of current tetanus inoculation and provide own transportation to off-campus field experiences. (1 hr. lecture, 2 hrs. laboratory.) No prerequisite.

VST102‡ G / 3 cr. hrs.**COMPARATIVE ANATOMY OF DOMESTICATED ANIMALS**

In-depth discussion of basic principles of comparative anatomy of domesticated animals for each organ system. Laboratories involve dissection of cat, rat, chicken and various preserved organ specimens. Anatomical CD-ROM simulations used to supplement and enhance learning experience. (2 hrs. lecture, 3 hrs. laboratory.) No prerequisite.

VST111‡ **G / 3 cr. hrs.**

FARM ANIMAL NURSING

Laboratory hands-on course providing students with necessary technical skills and knowledge to function as farm animal nurses. Familiarizes students with proper handling techniques and procedures such as restraint, collection of specimens, and medication of farm animal species. Students required to provide their own transportation to off-campus field experiences. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: VST101 and VST102, or permission of department.

VST112‡ **G / 4 cr. hrs.**

COMPARATIVE PHYSIOLOGY OF DOMESTICATED ANIMALS

Basic physiological systems and their interrelationships in mammalian and avian species. Lectures compare and contrast basic systems (neuromuscular, skeletal, cardiovascular, respiratory, digestive, urinary, reproductive, endocrine and immune). Laboratories focus on quantitative measurement of physiological parameters. CD-ROM simulations used to supplement and enhance learning experience. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: VST102 and CHE120, or permission of department.

VST114 **G / 2 cr. hrs.**

VETERINARY PRACTICE MANAGEMENT

Principles involved in operating a veterinary practice. Legal aspects of practice are discussed as well as methods of managing personnel, financial responsibilities, ordering drugs and supplies, keeping inventory and bookkeeping. Students use illustrations from actual practices and become familiar with forms currently in use. The computer and its impact and use in veterinary medicine are discussed. Hands-on experience is obtained. (2 hrs. lecture.) No prerequisite.

VST201‡ **G / 3 cr. hrs.**

LABORATORY ANIMAL TECHNOLOGY

Prepares students for careers as laboratory animal technicians. Topics focus on theoretical and practical aspects of husbandry, restraint, and handling of commonly used research animals. Includes preparation of students for more advanced course work in Veterinary Science Technology curriculum by emphasizing aspects of medical terminology and pathology and by accustoming students to manipulation of living animals. Safety and humane treatment emphasized throughout course. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: VST101, VST102, and VST111 or permission of department.

VST202‡ **G / 3 cr. hrs.**

CLINICAL LABORATORY TECHNIQUES I

Various aspects of veterinary hematology which are important to the LVT. Lecture topics provide background anatomy, physiology, biochemistry and pathophysiology necessary for comprehensive understanding of procedures covered in laboratory portion of course. Laboratory sessions concerned primarily with collection, storage, handling and analysis of blood. Registration in this course requires that students purchase liability insurance through the college. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: VST111, VST112 and CHE120 or permission of department.

VST203‡ **G / 3 cr. hrs.**

ANIMAL CLINIC INTERNSHIP I

Two-course sequence providing supervised applied training in veterinary animal hospital or animal research facility for each semester. Through these supervised training experiences students develop their skills as animal technicians. Performance is evaluated by supervising veterinarian or facility manager. Students required to provide their own transportation to off-campus field experiences. Registration in these courses requires that students purchase liability insurance through the college. (1 hr. lecture, 8 hrs. clinical experience.) Prerequisite: VST111 and BIO142, or permission of department.

VST205 **G / 3 cr. hrs.**

PHARMACY AND PHARMACOLOGY

Focuses on aspects of pharmacy and pharmacology important to practicing veterinary technician. Major topics include proper handling, storage and dispensing of pharmaceuticals. Drug action, appropriate drug selection, and calculations of various drug dosages are taught. (2 hrs. lecture.) Prerequisite: VST102 and VST111 or permission of department.

VST206‡ **G / 4 cr. hrs.**

VETERINARY CARDIOLOGY AND RADIOLOGY

Prepares students for participation in two important areas of diagnostic technology. Cardiology portion enables students to understand and participate in process of cardiovascular evaluation; emphasis on electrocardiography. Radiology portion imparts knowledge of X-ray machinery and use, film processing, patient positioning and safety. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: VST111, VST112 and CHE120 or permission of department.

VST212‡ **G / 3 cr. hrs.**

CLINICAL LABORATORY TECHNIQUES II

Major topics of veterinary clinical pathology not covered in VST202. Focus on urology, clinical chemistry, clinical enzymology, clinical serology, digestive function tests, laboratory microbiology and laboratory parasitology. Laboratory sessions concerned with collection, storage and handling of laboratory specimens, and performance of analytical procedures. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: VST202 or permission of department.

VST213‡ **G / 3 cr. hrs.**
ANIMAL CLINIC INTERNSHIP II

Two-course sequence providing supervised applied training in veterinary animal hospital or animal research facility for each semester. Through these supervised training experiences students develop their skills as animal technicians. Performance is evaluated by supervising veterinarian or facility manager. Students required to provide their own transportation to off-campus field experiences. Registration in these courses requires that students purchase liability insurance through the college. (1 hr. lecture, 8 hrs. clinical experience.) Prerequisite: VST111 and BIO142, or permission of department.

BIO141‡ **G / 3 cr. hrs.**
ZOOLOGY

An evolutionary approach to a survey of animal kingdom. Topics include the origin of life, cell structure and molecular biology. It also involves taxonomic study of structure and function of representatives of the major phyla as well as their ecology and life history. The vertebrate is covered in detail. Laboratory exercises parallel many of the lecture topics with emphasis on vertebrate dissection. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent, high school biology and chemistry with laboratory.

Note: Required for students in Veterinary Science Technology curriculum; does not satisfy laboratory science requirement for any curriculum.

BIO142‡ **G / 3 cr. hrs.**
ANIMAL PARASITOLOGY

An introduction to principles of basic parasitology with emphasis on identification, classification, life history, and prevention and control of internal and external parasites of economic importance to the animal industry. In the laboratory, students view parasites, learn treatments, and develop routine procedures and techniques necessary to deliver accurate laboratory results in parasite examination. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BIO141 or permission of department.

Note: Required for students in Veterinary Science Technology curriculum; does not satisfy laboratory science requirement for any curriculum.

CHE120‡ **G / 4 cr. hrs.**
**INTRODUCTION TO GENERAL,
ORGANIC, AND BIOCHEMISTRY**

One-semester course required for Veterinary Science Technology students. Basic principles of general, organic and biochemistry are presented with emphasis on applications to health science. Topics include measurement, states of matter, bonding theory, solutions, acids, buffers and pH, structure and function of carbohydrates, lipids, sterols, amino acids, proteins, molecular approach to enzymatic action, digestion, metabolism and nutrition. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MAT007 or equivalent and high-school chemistry with laboratory.

Note: Fulfills SUNY General Education Requirement for Natural Sciences.

‡ Course Fee

 For up-to-date information on course descriptions, please refer to the SCCC website at www.sunysuffolk.edu
WOMEN'S AND GENDER STUDIES

Note: Curriculum outline may be found under LIBERAL ARTS AND SCIENCES: WOMEN'S AND GENDER STUDIES EMPHASIS A.A. DEGREE.

WST112 **A-E / 1.5 cr. hrs.**
WOMEN'S SEMINAR

Required for but not restricted to Women's and Gender Studies students. Students who successfully complete WST112 have satisfied the COL101, Freshman Seminar, requirement. A small group of participants, some beginning the college experience after being away from the classroom and some already in college, meet once a week. A Women's and Gender Studies faculty member, with input from the continuing students, provides an orientation to college life (such as resources available on campus, reading, taking notes, test taking and course selection as examples) for the new returning students. Then the class and instructor select topics for discussion which include, but are not limited to, balancing college and family life, stress management, self-esteem, and women's issues such as violence against women, women and the media, women and their bodies, and relationships. Course helps students in their current college experience and in preparation for the future. No prerequisite.

WST116/HUM116 **A-E-G / 3 cr. hrs.**
GENDER AND THE HUMANITIES

This course investigates the notion of gender within its cultural contexts, and its relation to sex, sexualities, gender roles and gender identity. By studying women and men as well as their images and representations in the humanities (language, literature, art, music, and popular media), this course analyzes various forms of sexism and explores the possibilities for a wide range of genders, sexualities, and interpersonal relationships. No prerequisite.

WST122/HUM122 **A / 3 cr. hrs.**
GENDER AND THE LAW

Examines place and image of women within American legal system. Investigates religious influences and philosophical origins of gender differences in the law, with emphasis on issues such as hate crimes, child custody and divorce. No prerequisite.

WST130#/HUM130 A-E / 3 cr. hrs.
CAREER INTERNSHIPS: EQUITY, CHOICES AND PROFESSIONALISM IN THE WORKPLACE

Offers broad spectrum of work opportunities in private sector as well as governmental agencies, under supervision of sponsors selected for their capacity to serve as exemplary gender role models. In addition to six hours per week of field work, students attend a weekly seminar. In this way, they learn to integrate theory and practice and recognize their own potential for change. They examine legal, public and private forces operating in the professions, such as affirmative action, tokenism and harassment. In the process, students develop organizational skills, ability to analyze social structure of the workplace and, above all, to think creatively about their ultimate career goals. Open to women and men who have commitment to equity in workplace. Prerequisite: ENG101 or permission of instructor. Recommended: minimum of 12 credit hours.

WST149/HUM149 A / 3 cr. hrs.
WOMEN IN LITERATURE, FILM, AND THE ARTS

Interdisciplinary rotating course, its content varying from semester to semester. No prerequisites.

HUM124 A / 3 cr. hrs.
WOMEN AND THE HEALING ARTS

Through an interdisciplinary approach, this course examines contemporary gender differences with respect to health issues and health-related problems. Topics to be explored include women's control over their bodies; women's position in the health care system; gender differences with respect to illnesses, such as eating disorders, heart disease, breast and ovarian cancers, autoimmune diseases; reproductive technologies; women's self esteem and female body image; women's role as caretaker; alternative medicines and treatments. No prerequisite.

HIS105 A-E / 3 cr. hrs.
WOMEN'S ROLE IN AMERICAN HISTORY

Analysis of the part that women played in American history from Colonial period to the present. Emphasis on social, political and religious attitudes toward women; status of women; influence of specific women; female involvement in important movements and organizations, etc. No prerequisite.

Note: Fulfills SUNY General Education Requirement for American History.

PHL113 A / 3 cr. hrs.
PHILOSOPHY OF HUMAN LIBERATION

Using classic readings in political theory as well as texts by contemporary thinkers, the course will develop basic concepts of freedom and oppression and explore those with respect to race, class, gender, and sexual preference. It will be shown how specific mechanisms of oppression/liberation affect women, people of color, different classes, and LGBT persons. Required for Women's Studies majors. No prerequisite.

Note: Fulfills SUNY General Education Requirement for Humanities.

PSY212 A / 3 cr. hrs.
THE PSYCHOLOGY OF GENDER

The purpose of this course is to introduce students to the discipline assessing the behavior and thought patterns of women and men. Issues relevant to the Psychology of Gender include: how gender identity develops, the role of both biological and social entities in creating the psychological components of gender, the media's damaging role in the sustenance of gender's stereotypes, the role of gender in mental illnesses, and women's evolving social roles and their impact on relationships and children. These issues are prevalent in students' personal and professional lives, but they are usually not examined on a theoretical level. Gender issues are an important topic in psychology because different social roles create a unique psychology relevant to both women and men. This course will enhance students' critical thinking skills and provide an interdisciplinary forum to critique contexts and see the role of gender in our psychological health. Prerequisite: PSY101.

SOC215 A / 3 cr. hrs.
THE SOCIOLOGY OF GENDER

Considers a number of gender-related questions facing U.S. society. What economic, social and cultural changes have modified traditional definitions of femininity and masculinity? How is gender socially constructed, reconstructed and deconstructed? Considers implications of changing gender roles for personal relationships among women, between women and men, and among men. How do women and men experience situations differently? Students learn about feminist movements, their impact on men's movements, and their implications for social change. Is there movement toward sexual equality? Explores cultural consequences of gender inequality in various institutions, and also examines intricate web of interrelationships between gender, race, class and age. Prerequisite: SOC101.

WST295 A-E-G / 3-4 cr. hrs.
SPECIAL TOPICS IN WOMEN'S AND GENDER STUDIES

Special and current topics in Women's and Gender Studies may be available. See the online catalog for a complete listing.

HONORS SPECIAL TOPICS IN WOMEN'S AND GENDER STUDIES

Honors special topics courses in Women's and Gender Studies may be available for Honors students as well as those who have received permission from campus honors program coordinator. See the online catalog for a complete listing.

Alumnus Profile

Bob Baumann – Class of 1990

Bob Baumann has been a Wall Street executive for over 15 years. He is a recognized leader in equity trading and investment banking, having worked at prestigious firms like JP Morgan, Goldman Sachs, Bank of America, and AllianceBernstein. He now runs sales and trading at Summer Street Research Partners in New York City.

After graduating from Shoreham-Wading River High School in 1984, Bob felt he was without direction and not ready to continue his studies. He found a job as a laborer with the Klar Organization, where he was busy helping to build condominium projects throughout Long Island. After five years of back-breaking work in extreme conditions, he realized that it was time to give college a try. Living in Wading River, Bob found the Eastern Campus of Suffolk County Community College most convenient and accessible for him. He immersed himself in his studies and immediately found his professors were as enthusiastic about teaching as he was about learning.

"I majored in accounting and found myself spending time with Professors Barta and Hamilton during my free time, discussing business, current events and careers. Most of my professors were completely accessible and happy to engage with an interested student."

Bob transferred to New York University as a University Scholar, traveling the world with fellow scholars and professors of NYU. At NYU, he served in executive positions on student council and received the President's Award for Student Leadership. After receiving a Bachelors of Science in Accounting from NYU he was offered a place in the prestigious Financial Management Program at JP Morgan on Wall Street.

Bob spent two years as an accountant for JP Morgan when he decided to expand his academic credentials. He applied to several business schools and was accepted to the Yale School of Management and Harvard Business School. He chose to enroll at Harvard. In 1997, Bob graduated with an MBA from Harvard and embarked on a career in trading. He spent several years at Bank of America in San Francisco, then at Goldman Sachs and AllianceBernstein in New York. He currently is Managing Director at the investment bank of Summer Street Research Partners, where he runs the sales and trading department.

He looks back fondly at his time at Suffolk and proclaims that one of the proudest moments in his life was his first day of class at Harvard when he wore his Suffolk County Community College sweatshirt to class and throughout the campus. "I enjoy watching people's reaction when I tell my story, and how it all began at Suffolk."





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The Suffolk Community College Foundation is a non-profit corporation formed to develop additional resources that enable the College to provide quality educational experiences for its students. Scholarship funds constitute the largest single use of the assets of the Foundation. Emergency student loans, support for unique academic enrichment programs, special projects for faculty and staff development, and efforts to enhance the community's awareness of the College and its services are also supported by the Foundation.

The Foundation Board of Directors includes alumni and community leaders who have given financial support and pledged an enduring commitment to assist the College in its mission to provide the highest quality of academic service to the citizens of Suffolk County.

The Foundation is also responsible for alumni and retiree outreach. Alumni activities enhance the well-being of the College, its student body, its alumni network, faculty, and community by hosting various social, cultural, and fundraising events.

The Retirees Association of Suffolk Community College (RASCC) is an organization whose purpose is to provide members with fellowship and information. Membership is open to retired employees of Suffolk County Community College, spouses of deceased college employees and other former employees at the discretion of the RASCC membership.

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SUFFOLK CENTER ON THE HOLOCAUST, DIVERSITY AND HUMAN UNDERSTANDING, INC. (CHDHU)

The Suffolk Center on the Holocaust, Diversity & Human Understanding, Inc. (CHDHU) is a not-for-profit corporation created by Suffolk County Community College to manage an extensive collection of Holocaust, slavery and abolitionist materials that were donated to the College, and to assist in efforts to teach acceptance and human understanding.

CHDHU's mission is to educate the community on historical events, promote cultural understanding and respect for human dignity. The permanent exhibit, which is currently located on the second floor of the Huntington Library on the Ammerman Campus, includes collections of rare artifacts, documents and photographs on the Holocaust and on slavery and the underground railroad.

CHDHU also conducts an annual art competition leading up to an exhibition known as Embracing Our Differences, Long Island.

CHDHU is governed by a Board of Directors representing both the college and the community.



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DOUGLAS KAHN, College Assistant Dean of Instructional Technology

B.A., Salem College; M.B.A., Dowling College

MICHELLE FOWLER, Coordinator of Instructional Development/Professor

A.A.S., State University of New York: Suffolk County Community College; B.S. State University of New York at Old Westbury; M.B.A., Dowling College; Ed.D., St. John's University

ROBIN HILL, Coordinator of Instructional Design/Associate Professor

A.A.S., State University of New York: Suffolk County Community College; B.S., St. Joseph's College; M.S., Dowling College

ELIZABETH BALDWIN, Specialist I - Instructional Technology

B.S., State University of New York at Oneonta; M.S., State University of New York at Stony Brook

LIBRARY AND LEARNING RESOURCES

KEVIN MCCOY, Professor of Library Services

A.A., State University of New York at Farmingdale; B.A., M.S., State University of New York at Stony Brook; M.L.S., City University of New York: Queens College

SCHOOL OF NURSING

CHERYL SHAFFER, Associate Dean of Nursing and Health Career Programs

B.S., Edinboro University of Pennsylvania; M.S., Syracuse University; A.P.R.N., Pediatric Nurse Practitioner and Adult Nurse Practitioner; Ph.D., Rutgers University

PINA ARCOMANO BRITTON, College Assistant Dean for Nursing and Health Career Programs

A.A., State University of New York: Suffolk County Community College; B.A., M.S., C.H.C.M., C.C.H., State University of New York at Stony Brook

SPECIAL PROGRAMS AND EXTERNAL PARTNERSHIPS

IAROSLAVA BABENCHUK, College Associate Dean for Special Programs and External Partnerships

M.A., Precarpathian University-Ukraine; M.A.M., Columbia College Chicago; Ed.D., National Louis University

SUSTAINABILITY PROGRAMS

NICHOLAS PALUMBO, Executive Director of Sustainability Programs

B.E., Villanova University; M.S., New York Institute of Technology

STUDENT SUCCESS

SCHERI J. STEWART, College Assistant Director of Educational Opportunity Program

B.S., State University of New York at Oneonta; M.S.W., State University of New York at Stony Brook; C.S.W.

LORIANNE LUEDERS-YANOTTI, Director of Student Support Services

B.S., State University of New York at Stony Brook; M.S.W., Adelphi University

WORKFORCE AND ECONOMIC DEVELOPMENT

JOHN LOMBARDO, Associate Vice President for Economic Development

B.A., M.S.E., Dowling College

CORPORATE TRAINING CENTER

AMY B. SEAL, Project Director of Mechatronics

B.B.A., M.B.A., Dowling College

LAWRENCE CAVANAGH, Specialist -

Corporate Training
A.A.S., City University of New York: Queensborough Community College; B.B.A., Bernard Baruch College, M.B.A., New York Institute of Technology

DAPHNE GORDON, Project Administrator, Entrepreneurial Assistance Program

B.S., University of South Carolina at Columbia; M.B.A., Adelphi University

MAUREEN ARMA, Professional Assistant II

B.S., State University of New York: Empire State College; M.S.W., State University of New York at Stony Brook

CONTINUING EDUCATION

NINA LEONHARDT, College Associate Dean for Continuing Education

B.S., M.S., State University of New York at Stony Brook; M.B.A., Dowling College

KRISTIN RILEY, Specialist II

A.A., State University of New York: Suffolk County Community College; B.S., Long Island University: C.W. Post Campus; M.S., State University of New York at Stony Brook

BARBARA DEFINA, Specialist

B.A., School of Visual Arts

ARLENE T. JACKSON, Specialist II

B.A., M.S., State University of New York at Stony Brook

ANDREA DUNKIRK, Assistant Professor; Professional Assistant II - Continuing Education

B.S., M.S., New York Institute of Technology

FAYE SUTHERLAND, Professional Assistant II

STUDENT AFFAIRS

CHRISTOPHER J. ADAMS, Associate Vice President of Student Affairs

B.S., Southern Connecticut State University; M.S., Hofstra University; Ed.D., Hofstra University

THOMAS S. LAW, Counselor

B.A., State University of New York at Stony Brook; M.S., Long Island University

ENROLLMENT MANAGEMENT

JOANNE E. BRAXTON, College Dean of Enrollment Management

B.A., Clark University; M.A., University of Connecticut

ANNA FLACK, College Registrar

B.A., City University of New York: Brooklyn College; M.S., City University of New York: College at Staten Island

DOREEN C. HARVEY, Professional Assistant I - Transfer Credit Officer

B.A., State University of New York at Stony Brook

ROSE BANCROFT, Assistant Director - Financial Aid

B.A., State University of New York at Stony Brook

MARIA CONTRERAS-HERNANDEZ, International Student Counselor

A.A., State University of New York: Suffolk County Community College; B.S., St. Joseph's College; M.A., School of Counseling, Long Island University: C.W. Post Campus

COLLEGE MASTER SCHEDULING

GARY P. CAMPBELL, College Associate Dean for Planning and College Master Scheduling

A.A.S., State University of New York at Farmingdale; B.S., M.P.S., M.S., Ph.D., Cornell University

ATHLETICS

KEVIN P. FOLEY, Interim College Director of Athletics

B.A., Seton Hall University; M.S.P.H., University of North Carolina School of Public Health

JOSEPH KOSINA, Athletics Compliance Coordinator

A.A., State University of New York: Suffolk County Community College; B.S., University of Phoenix; M.S., Ohio University

CHILDREN'S LEARNING CENTER

LINDA CRISPI, Director of Children's Learning Center, Ammerman Campus

B.A., Edinboro University; M.A., Ed.D., Boston College

VICKIE F. CALDERON, Director of Suffolk Kid's Cottage, Michael J. Grant Campus

B.A., Manhattanville College; M.A., State University of New York at Buffalo

DISABILITY SERVICES

JENNIFER FORNI, Assistant Director of Disability Services

B.S., University of Scranton; M.S.Ed., Hofstra University

MULTICULTURAL AFFAIRS

JAMES W. BANKS, College Coordinator
B.A., Fordham University; M.S.W., State University of New York at Stony Brook; C.S.W.

SPORTS AND EXHIBITION COMPLEX

NEFTALI COLLAZO, College Director Special Events and Programs

B.A., State University of New York at Stony Brook

RICHARD ALBERTI, Assistant Director - Special Events and Programs

B.A., State University of New York at Stony Brook

JAMES DELLO-IACONO, Aquatics and Fitness Manager

B.P.S., New York Institute of Technology; M.S., Hofstra University

DANIELLE GRONEMAN, Professional Assistant I

B.S., State University of New York at Cortland

TIMOTHY KEILEY, Professional Assistant I

B.A., St. John's University

TIMOTHY GIARDINA, Professional Assistant I

B.S., State University of New York at Farmingdale

CAROL RUTIGLIANO, Professional Assistant I

A.A.S., State University of New York: College of Technology at Delhi

THEATRE

CHARLES T. WITTEICH, JR., College Director of Theatre, Assistant Professor of Theatre Arts; Academic Chair of Theatre Arts

A.S., State University of New York: Suffolk County Community College; B.F.A., Pennsylvania State University; M.F.A., University of Missouri-Kansas City

Office of the Vice President for Business and Financial Affairs

GAIL VIZZINI

Vice President for Business and Financial Affairs

B.A., Hofstra University; M.P.A., Long Island University

JOHN BULLARD, JR., Associate Dean of Finance

B.S., Rider College

SARA GORTON, Chief Auditor

B.S., Ithaca College

BUSINESS OPERATIONS

VACANT, Administrative Director of Business Operations

FACILITIES AND PROJECT MANAGEMENT

PAUL COOPER, Executive Director of
Facilities/Technical Support

B.S., City University of New York; P.E., City
University of New York: Queens College

JON DEMAIO, Administrative Director of
Educational Facilities

B.S., M.S., University of Massachusetts;
M.B.A., Hofstra University; P.E.

DOUGLAS DARGES, Director of Construction
A.S., State University of New York: Suffolk
County Community College; B.Arch., New
York Institute of Technology

BURLAND GRANVIL, Director of
Construction

B.A., New York Institute of Technology

KHALID OMARI, Director

Diploma in Architecture, National College of
Arts-Lahore, Pakistan

Office of the Vice President for Institutional Advancement

MARY LOU ARANEO

Vice President for Institutional Advancement

B.S., Long Island University: Southampton
College; M.B.A., Long Island University:
C.W. Post

ANDREW FAWCETT, College Associate Dean
of Institutional Advancement

B.A., Long Island University: Southampton
College; M.A., Alameda University;
M.S., Long Island University

MARY M. FEDER, Director of College Relations
and Publications

B.S., St. John's University; M.B.A. St. John's
University

OFFICE OF GRANTS DEVELOPMENT

MARGERLY L. OLDFIELD, College Assistant
Dean of Grants Development

B.S., University of Houston; M.S.,
Pennsylvania State University at University
Park; Ph.D., University of Texas at Austin

W. TROY TUCKER, Specialist II

B.A., University of Utah;
M.S., Ph.D., University of New Mexico

LORI ANN PIPCZYNSKI, Director of External
Affairs and Strategic Partnerships

B.S., Cornell University; M.A., State
University of New York at Empire State
College

Suffolk Community College Foundation

RICHARD GUARINO

Executive Director

B.A., Hofstra University; M.B.A., Dowling
College

SYLVIA DIAZ, Director of Development

B.A., St. Joseph's College; M.S.W., Ph.D.,

State University of New York at Stony Brook

RUSSELL MALBROUGH, Director of Alumni
Relations

B.A., Brown University; M.A., Columbia
University

RENEE ORTIZ, Assistant Director of
Development

B.A., State University of New York at Stony
Brook; M.P.S., State University of New York
at Stony Brook

LAUREN LIBURD, Specialist

B.S., Syracuse University; M.B.A., Hofstra
University

KRISTI DAVID, Professional Assistant I

B.A., Seton Hall; M.P.A., Long Island
University

HEATHER EDWARDS, College Gifts

Coordinator

B.A., State University of New York at
Oswego

AMMERMAN CAMPUS ADMINISTRATION

Office of the Executive Dean/Campus CEO

GEORGE P. TVELIA

**Acting Ammerman Campus Executive Dean/
Campus CEO**

A.A.S., State University of New York: Suffolk
County Community College; B.S., M.S., State
University of New York at Stony Brook

SANDRA SPROWS, Campus Associate Dean of
Academic Affairs; Professor of English

B.A., Villanova University; M.Phil., Ph.D.,
State University of New York at Stony Brook

LINDA SPRAGUE, Campus Associate Dean of
Academic Affairs

B.A., Colgate University; M.A., Syracuse
University

BUSINESS AFFAIRS

JOHN P. CIENSKI, Administrative Director

B.A., City University of New York: Queens
College; M.B.A., New York Institute of
Technology

LIBRARY AND LEARNING RESOURCES

SUSAN P. LIEBERTHAL, Campus Head Librarian

H. Dip.Lib., B.A., University of Witwatersrand; M.S./L.I.S., Simmons College

OFFICE OF STUDENT SERVICES

CHARLES BARTOLOTTA, Campus Associate Dean of Student Services

B.S., Alfred University; M.S., Syracuse University; M.B.A., New York Institute of Technology

THOMAS TYSON, Assistant Dean of Student Services/Director of Counseling

B.A., State University of New York at Oneonta; M.S., Long Island University: C.W. Post Campus; Ph.D., New York University: NYS Licensed Psychologist; N.C.C.

JEFFREY LANG, Director of Admissions

B.A., University of Miami; M.S., Long Island University: C.W. Post Campus

SYLVIA E. CAMACHO, Director of Career Services/Cooperative Education

B.S.W., M.Ed., Pan American University

KATIE BRISCOE-BAUM, Director of Financial Aid

B.A., M.A., State University of New York at Stony Brook

SHARON C. SILVERSTEIN, Director of Campus Activities

B.A., University of Wisconsin-Milwaukee; M.A., Southern Illinois University at Carbondale

LORIANNE LUEDERS-YANOTTI, Director of Student Support Services

B.S., State University of New York at Stony Brook; M.S.W., Adelphi University

PLANT OPERATIONS

EDWARD A. BENZ, Director

B.S., M.S., New York Institute of Technology

MARGARET GODFREY, Assistant Director

JOHN SALERNO, Assistant Director of Plant Operations

Academic Departments

ACCOUNTING / BUSINESS

RONALD A. FEINBERG, Academic Chair; Professor of Business Administration

B.A., City University of New York: Queens College; M.A., Ph.D., New York University; J.D., St. John's University

ALPHONSE J. RUGGIERO, Assistant Academic Chair; Professor of Accounting

B.S., City University of New York: Brooklyn College; M.B.A., Adelphi University; CPA

AUTOMOTIVE TECHNOLOGY

JOSEPH IMPERIAL, Academic Chair/Director of Automotive Technology

A.O.S., State University of New York: Hudson Valley Community College; B.P.S., State University of New York: Empire State College

BIOLOGY

ROSA M. GAMBIER, Academic Chair; Professor of Biology

B.S., M.S., Universidad Nacional de Cordoba, Argentina; Ph.D., University of Massachusetts: Amherst

JEAN ANASTASIA, Assistant Academic Chair; Professor of Biology

B.A., University of Delaware; M.A., Ph.D., State University of New York at Stony Brook

COMMUNICATIONS/TV/RADIO/FILM

THOMAS BOVINO, Academic Chair; Professor of Communications

B.A., M.A., Cleveland State University

ALAN J. BERNSTEIN, Assistant Academic Chair; Professor of Radio and Television Production

B.A., City University of New York: Lehman College; M.S., City University of New York: Brooklyn College

EDUCATION, HEALTH AND HUMAN SERVICES

DARLENE P. HOCHMAN, Academic Chair; Professor/College Coordinator/Education Programs

B.A., M.S., City University of New York: Queens College

MAUREEN G. BYBEE, Assistant Academic Chair; Program Coordinator; Professor of Human Services

B.A., M.S.W., State University of New York at Stony Brook

ENGINEERING/INDUSTRIAL TECHNOLOGY

PETER MARITATO, Academic Chair; Associate Professor of Engineering Science and Electrical Technology

A.A.S., State University of New York: Suffolk County Community College; B.S.E.E., M.S.E.E., Polytechnic University of New York

ENGLISH

DOUGLAS HOWARD, Academic Chair; Professor of English

B.A., Adelphi University; M.A., Ph.D., New York University

COLIN A. CLARKE, Assistant Academic Chair; Professor of English

B.A., Amherst College; M.A., Ph.D., George Washington University

LEANNE WARSHAUER, Assistant Academic Chair; Associate Professor of English
B.A., State University of New York at Albany; M.A., Ph.D., State University of New York at Stony Brook

FOREIGN LANGUAGES/ENGLISH AS A SECOND LANGUAGE

LAURI HUTT KAHN, Academic Chair; Professor of Spanish
B.A., State University of New York at Buffalo; M.A., Ph.D., State University of New York at Stony Brook

MATHEMATICS/COMPUTER SCIENCE

DENNIS REISSIG, Academic Chair for Mathematics and Computer Science; Professor of Mathematics

B.A., B.S., University of Toledo; M.A., State University of New York at Stony Brook

ELIZABETH CHU, Assistant Academic Chair; Professor of Mathematics
B.S., University of Philippines Diliman; M.S., State University of New York at Stony Brook

XINGBEN CHEN, Assistant Academic Chair; Professor

B.S., Zhongshan University; M.S., Free University of Brussels; M.A., Ph.D., Yale University

REGINA KELLER, Assistant Academic Chair; Professor of Mathematics

B.S., M.A., State University of New York at Stony Brook

MUSIC

RICHARD WRIGHT, Academic Chair; Associate Professor of Music

B.M., Northern Arizona University; M.M., Brigham Young University; D.M., Northwestern University

NURSING

SUSAN DEWEY-HAMMER, Academic Chair; Professor of Nursing

B.S.N., University of Minnesota; M.N., University of California; Certified Clinical Specialist in Adult Mental Health

JENNIFER ORTIZ, Assistant Academic Chair; Professor of Nursing

B.S., State University of New York at Binghamton; M.S., Adelphi University; R.N., Inpatient Obstetrical Nursing Certification

PHILOSOPHY AND VISUAL ARTS

LOWELL KLEIMAN, Academic Chair; Professor of Philosophy

B.A., City University of New York: Brooklyn College; M.A., Ph.D., New York University

MATTHEW N. GEHRING, Assistant Academic Chair; Associate Professor of Visual Arts

B.S., University of Southern Indiana; M.F.A., University of Delaware

PHYSICAL EDUCATION

CHRIS A. COSENZA, Academic Chair; Professor of Physical Education
B.A., Lynchburg College; M.A., M.A.(2nd), Adelphi University

PHYSICAL SCIENCES

THOMAS BREEDEN, Academic Chair; Professor of Physics
B.S., Florida Institute of Technology; M.S., State University of New York at Stony Brook

JING YI CHIN, Assistant Academic Chair; Professor of Chemistry
B.A., M. Phil., Ph.D., City University of New York

SCOTT A. MANDIA, Assistant Academic Chair; Professor of Earth and Space Science
B.S., University of Massachusetts; M.S., Pennsylvania State University

READING/COLLEGE SEMINAR

NANCY GERLI, Academic Chair; Professor of Reading / College Seminar

B.A., M.S., Dowling College

DIANE M. BOSCO, Assistant Academic Chair; Professor of Reading

B.A., State University of New York at Oneonta; M.A./L.S., State University of New York at Stony Brook; M.S., Dowling College

SOCIAL SCIENCES

JUDITH TRAVERS, Academic Chair; Professor of History

A.A., State University of New York: Nassau Community College; B.A., Hofstra University; M.A., Ph.D., State University of New York at Stony Brook

MICHAEL HIGGINSON, Assistant Academic Chair; Professor

B.B.A., St. Francis College; M.A., City University of New York: John Jay College of Criminal Justice; M.A.L.S., State University of New York; Stony Brook

NELLY STA MARIA, Assistant Academic Chair; Professor of Psychology

B.A., Barnard College, Columbia University; M.A., Ph.D., St. John's University.

THEATRE ARTS

CHARLES T. WITTEICH, JR., College Director of Theatre, Assistant Professor of Theatre Arts; Academic Chair of Theatre Arts

A.S., State University of New York: Suffolk County Community College; B.F.A., Pennsylvania State University; M.F.A., University of Missouri-Kansas City

EASTERN CAMPUS ADMINISTRATION

Office of the Campus Dean/Campus CEO

DOROTHY J. LAFFIN

Eastern Campus Executive Dean/Campus CEO

B.S., Cornell University; M.Ed., University of Maryland; M.A.L.S., State University of New York at Stony Brook; Ed.D., Nova Southeastern University

JANE F. SHEARER, Campus Associate Dean for Academic Affairs - Liberal Arts

B.A., Wells College; M.S., Adelphi University

BUSINESS AFFAIRS

SUZANNE Y. DELA RABA, Administrative

Director of Business Services

B.A., State University of New York at Cortland; M.P.A., State University of New York at Binghamton

EDUCATIONAL RESOURCES

DAVID BERGEN, College Associate Dean for Educational Resources

B.S., University of Miami; M.Ed., Texas A & M University

EDUCATIONAL TECHNOLOGY UNIT/ACADEMIC SKILLS CENTER

HELEN C. WITTMANN, Coordinator II

B.B.A., M.B.A., Ed.D., Dowling College

EDWARD HASSILDINE, Specialist II

A.A.S., State University of New York: Suffolk County Community College; B.A., Alfred University; M.S., State University of New York at Stony Brook

DONNA M. FREY, Specialist II

A.A., State University of New York: Suffolk County Community College; B.A., State University of New York at Stony Brook; M.S., Long Island University: Southampton College

DAMON P. VOGEL, Professional Assistant II

B.A., Long Island University, Southampton Campus; M.S. Long Island University, C.W. Post Campus; M.S., Denver University

GRZEGORZ FABISZEWSKI, Professional Assistant II

A.A.S., State University of New York: Suffolk County Community College; B.S., State University of New York at Farmingdale

KHURSHID ANWAR, Professional Assistant II

B.A., City University of New York: Queens College

LIBRARY SERVICES

DANA ANTONUCCI-DURGAN, Campus Head Librarian

B.S., State University of New York at Stony Brook; M.A. State University of New York at Stony Brook; M.L.S., City University of New York: Queens College

OFFICE OF STUDENT SERVICES

MARY M. REESE, Campus Associate Dean of Student Services

B.A., Trinity College; M.Ed., St. John's University

EDWARD MARTINEZ, Assistant Dean of Student Services; Director of Counseling

B.A., Dominican College; M.S., Long Island University; Ed.D., Dowling College

JAMES W. BANKS, College Coordinator of Multicultural Affairs

B.A., Fordham University; M.S.W., State University of New York at Stony Brook; C.S.W.

ROSLIN KHAN, Associate Professor of Foreign Language

B.A., University of Guyana; M.A., University of Essex; Ph.D., University of the West Indies

CHARLES CONNOLLY, Director of Enrollment Services

B.S., Monmouth College; M.S., Long Island University: Westchester Campus

DEIRDRE FITZPATRICK, Assistant Director of Enrollment Services/Financial Aid

B.A., Dowling College; M.S., Hofstra University

MERYN PILZER, Registered Nurse

B.A., New York University; M.S., City University of New York: Queens College

CHRISTOPHER CONZEN, Director of Campus Activities and Student Leadership Development

B.A., The Catholic University of America; M.Ed., University of Maryland College Park

PLANT OPERATIONS

ANTHONY DEANGELIS, Director of Physical Plant

A.S., State University of New York: Suffolk County Community College

Academic Departments

CULINARY ARTS AND HOTEL AND RESORT MANAGEMENT

RICHARD FREILICH, Academic Chair; Program Director of Culinary Arts

A.A.S., City University of New York: New York City Community College; B.S., Pratt Institute; C.E.C., C.C.E.

HUMANITIES

MICHAEL C. BOECHERER, Academic Chair; Associate Professor of English

B.A., M.A., University of Connecticut; Ph.D., State University of New York at Stony Brook

MATHEMATICS/SCIENCE

THEODORE KOUKOUNAS, Academic Chair;
Associate Professor of Mathematics
A.A.S., City University of New York:
Queensboro Community College; B.A., State
University of New York at Old Westbury;
M.A., City University of New York: Queens
College

BUSINESS, PRACTICAL NURSING, AND HEALTH CAREERS

DIANE P. FABIAN, Academic Chair; Professor
of Health Information
A.A., State University of New York: Suffolk
County Community College; B.A., State
University of New York at Stony Brook;
M.B.A., Adelphi University; M.S., State
University of New York at Stony Brook

SOCIAL SCIENCE AND VISUAL ARTS

FAYE LOURENSO, Academic Chair; Professor
of Graphic Design
A.A., Waldorf College; B.S., Minnesota State
University at Mankato; M.A./L.S., State
University of New York at Stony Brook;
M.A., M.S., Long Island University: C.W.
Post Campus

GRANT CAMPUS ADMINISTRATION

Office of the Campus Dean/Campus CEO JAMES KEANE

Michael J. Grant Campus Executive Dean/ Campus CEO

B.S., St. Johns University; M.A., New York
University; Ed.D., Seton Hall University
DONNA CIAMPA, Campus Associate Dean
Academic Affairs - Liberal Arts; Associate
Professor of Education
A.A., Nassau Community College;
B.A., Molloy College, M.A., Long Island
University: C.W. Post Campus; Ed.D.,
Dowling College
HECTOR SEPULVEDA, Campus Associate
Dean of Academic Affairs-Business and
Technology, Mathematics, Natural Science,
Health Science, Athletics/College Liaison to
SCP Academy
B.S., Fordham University; M.A., The New
School for Social Research; M.P.H., Columbia
University; M.D., Stony Brook University

BUSINESS AFFAIRS

DANIEL C. FELD, Administrative Director
Business Services
A.A.S., State University of New York at
Farmingdale, B.S., State University of New
York at Buffalo, M.B.A., Dowling College

CENTER FOR ACADEMIC EXCELLENCE

KEVIN REILLY, Coordinator of Center for
Academic Excellence; Assistant Professor
B.S., Dowling College; M.S., Long Island
University: C.W. Post Campus
VACANT, Coordinator of Center for Academic
Excellence

ESL PROGRAMS

JUNE OHRNBERGER, Director of English as
a Second Language Programs; Professor of
English as a Second Language
B.Ph., M.A., World University, San Juan,
Puerto Rico; M.Ed., University of Hartford;
Ed.D., Columbia University: Teachers
College

LIBRARY SERVICES

DAVID QUINN, Campus Head Librarian
B.A., Cornell University; M.S., Long Island
University: Palmer School of Library and
Information Science; Ph.D., New York
University

OFFICE OF STUDENT SERVICES

MERYL S. ROGERS, Campus Associate Dean of
Student Services

B.A., State University of New York at
Binghamton; M.S., Columbia University;
C.S.W., Ed.D., Columbia University:
Teachers College

THERESA M. DEREME, Assistant Dean of
Student Services/Counseling

A.A.S., B.S., M.S., New York Institute of
Technology; M.A., State University of New
York at Stony Brook

ELIZABETH SPAGNOLA, Assistant Dean of
Student Services

A.A., State University of New York: Nassau
Community College; B.B.A., M.B.A.,
Dowling College

THERESA SALADINO, Director of Admissions
A.A.S., State University of New York at
Farmingdale; B.S., M.S., St. Joseph's College

LISA HAMILTON, Director of Campus
Activities and Student Leadership Development

A.A., Nassau Community College; B.A.,
M.S., State University of New York at Buffalo

NANCY A. BREWER, Director of Financial Aid
B.S., New York Institute of Technology;
M.B.A., Dowling College

NORMAN DANIELS, Coordinator of
Multicultural Affairs

B.A., State University of New York at New
Paltz; M.S., State University of New York at
Albany

NANCY SCHAEFER, Registered Nurse
A.S.N., State University of New York: Suffolk
County Community College; B.S., State
University of New York at Cortland; R.N.

PLANT OPERATIONS

JOSEPH F. FRACCALVIERI, Director of Plant Operations

JOHN D. SINNOTT, Assistant Director Plant Operations

VACANT Assistant Director Plant Operations

Academic Departments

ALLIED HEALTH SCIENCES

ALLEN JACOBS, Academic Chair; Coordinator of the Veterinary Science Program

B.S. Cornell University; D.V.M., New York State College of Veterinary Medicine, Cornell University

BUSINESS AND TECHNOLOGY / MATHEMATICS

JOHN JEROME, Academic Chair; Professor of Mathematics

B.S., M.S., Long Island University: C.W. Post Campus; M.S., University of Tennessee; Ph.D., State University of New York at Stony Brook

ANDREA BLUM, Assistant Academic Chair for Mathematics; Associate Professor of Mathematics

B.S., State University of New York at Stony Brook; M.A., University of Denver

CARL STRUCK, Assistant Academic Chair for Business and Technology; Professor of Computer Science/Information Technology

B.A., Concordia Senior College; M.S., St. John's University

COMMUNICATIONS, LANGUAGE AND THE ARTS

DAWN TRACY-HANLEY, Academic Chair; Associate Professor of Reading

B.A., Manhattanville College; M.S., Dowling College

VIRGINIA E. HORAN, Assistant Academic Chair; Associate Professor of Communications

B.A., University of Dayton; M.A., New York University

ALYSSA KAUFFMAN, Assistant Academic Chair; Assistant Professor of Communications

B.A., State University of New York at Plattsburgh; M.A., William Paterson University

ENGLISH AND HUMANITIES

KAREN S. DOVELL, Academic Chair; Associate Professor of English

B.A. Brooklyn College; Ph.D., State University of New York at Stony Brook

JOSEPH D. GATTI, Assistant Academic Chair; Assistant Professor of English

B.A., St. Joseph's College; M.A., State University of New York at Stony Brook

DAVID MORIARTY, Assistant Academic Chair; Associate Professor of English

B.A., College of the Holy Cross; M.A., Ph.D., University of Wisconsin

NATURAL SCIENCES

JANET HAFF, Academic Chair; Associate Professor of Chemistry

A.A.S., State University of New York: Suffolk County Community College; B.S., State University of New York at Old Westbury; Ph.D., State University of New York at Stony Brook

HOPE M. SASWAY, Assistant Academic Chair; Associate Professor of Biology

B.S., University of Pittsburgh, M.S., West Virginia University

NURSING

KATHLEEN G. BURGER, Academic Chair; Professor of Nursing

B.S.N., Adelphi University; M.S., Long Island University; C.W. Post; M.S.N. Drexel University

PHYSICAL EDUCATION

KAREN CARLSON, Assistant Academic Chair; Associate Professor of Physical Education

A.A., State University of New York at Cobleskill; B.S., M.S., State University of New York at Cortland

SOCIAL SCIENCES

LYNN LIEBERT MARX, Academic Chair; Associate Professor of Psychology

B.A., M.A., Ph.D., State University of New York at Stony Brook

DAVID E. MARSHALL, Assistant Academic Chair; Associate Professor of History

B.A., University of California at Berkeley; M.A., San Francisco State University; M.A., Ph.D., University of California at Riverside

FULL-TIME FACULTY AND INSTRUCTIONAL STAFF

NINA ACQUAVITA, Instructor of Communications

A.S., State University of New York: Suffolk County Community College; B.S., University of Florida; M.A., Hofstra University

SARAH ACUNZO, Associate Professor of English

B.A., Indiana University; M.A., Southern Illinois University

MELISSA ADEYEYE, Instructor of Communications

B.A., M.A., Hofstra University

FARA AFSHAR, Assistant Professor of Engineering/Industrial Technology

B.S., Weber State University; B.A., University of Utah; M.S., Long Island University: C.W. Post Campus

FULL-TIME FACULTY AND INSTRUCTIONAL STAFF

PAUL AGOSTINO, Associate Professor of English

A.A., State University of New York: Suffolk County Community College; B.A., M.A., State University of New York at Stony Brook

MICHAEL AGRESTI, Specialist II - Educational Technology Unit

A.A.S., State University of New York: Suffolk County Community College; B.S., M.B.A., Dowling College; M.A., Adelphi University

KATHERINE C. AGUIRRE, Assistant Professor / Counselor

B.A., Dowling College; M.S., Long Island University: C.W. Post Campus

JONI AL-HIHI, Associate Professor of Mathematics

B.S., Baghdad University; M.S., Long Island University: C.W. Post Campus; Ph.D., Stevens Institute of Technology

ROBERT ALEXANDER, Associate Professor of Criminal Justice

B.A., City University of New York: John Jay College of Criminal Justice; M.S., City University of New York: Hunter College

STANLEY ALEXANDER, Professor of Social Science

B.A., Hofstra University; M.A. / L.S., State University of New York at Stony Brook; M.P.A., Long Island University: C.W. Post Campus

M. NIEVES ALONSO-ALMAGRO, Associate Professor of Spanish

B.A., Universidad Autonoma de Madrid; M.A., State University of New York at Stony Brook

MARGARET ALTIZER-EVANS, Associate Professor of English

B.A., Southwest Texas State University; M.A., University of Alabama

MARIA T. ALZUGARAY RODRIGUEZ, Associate Professor of Mathematics

B.S., M.S., Kharkov State University; Ph.D., University of the Algarve

JOHN AMMERMAN, Professor of Business Administration

B.S., State University of New York at Albany; J.D., Albany School of Law

RICHARD A. AMSTER, Assistant Professor of Culinary Arts

B.S., Indiana University: Bloomington; A.O.S., Culinary Institute of America; M.A., Indiana University: Indiana

PAUL ANDERSON, Professional Assistant II - Science

A.A.S., State University of New York: Suffolk County Community College

MICHELE M. ARETZ, Assistant Professor / Counselor

B.A., State University of New York at Stony Brook; M.S., Adelphi University

MAUREEN ARMA, Specialist I - Corporate Training

B.S., State University of New York: Empire State College; M.S.W., State University of New York at Stony Brook

PHILIP ARMATO, Professional Assistant II - Physical Education

A.A.S., State University of New York: Nassau County Community College; B.S., Adelphi University; M.S., City University of New York: Queens College

ALEXANDER G. ATWOOD, Professor of Mathematics

B.S., M.S., Ph.D., Cornell University; M.S., Executive Master of Technology Management, Stevens Institute of Technology

DANIEL AWODIYA, Professor of Communications

B.S., M.S., University of Lagos, Nigeria; Ph.D., Howard University

LISA AYMONG, Associate Professor of Nursing

A.A.S., State University of New York: Suffolk County Community College; B.S., St. Joseph's College; M.P.A., Long Island University: C.W. Post Campus; M.S., State University of New York at Stony Brook; A.P.R.N.; Adult Nurse Practitioner

KEITH BAESSLER, Assistant Professor of Chemistry

B.S., M.S., Ph.D., State University of New York at Stony Brook

ELIZABETH BALDWIN, Specialist - Instructional Technology

B.S., State University of New York at Oneonta; M.S., State University of New York at Stony Brook

LINDA BARBER, Professor of Psychology / Sociology / Anthropology

B.A., M.A., Ph.D., State University of New York at Stony Brook; M.A., American University

SUZANNE BARRETTO-WANSOR, Assistant Professor of Nursing

B.S., Gwynedd-Mercy College, Temple University; M.S.N., State University of New York at Stony Brook

ROBERT C. BARTA, Assistant Professor of Computer Science / Information Technology / Business

A.A.S., State University of New York: Suffolk County Community College; B.S., State University of New York: Regents College; M.B.A., Dowling College

BRUCE BARTON, Assistant Professor of Computer Science / Information Technology

B.S., M.S., State University of New York at Stony Brook

- PAUL BASILEO, Coordinator of Instructional Technology; Associate Professor
B.S., University of Michigan; M.S., State University of New York at Stony Brook
- MALIKA BATCHIE-LOCKHART, Counselor/ Specialist
B.A., M.S.W., State University of New York at Stony Brook
- PENNY J. BEALLE, Professor of Library Services
B.A., University of Toronto; M.A., Ph.D., Cornell University; M.L.S., City University of New York: Queens College
- CHRISTINA BEARD-MOOSE, Professor of Anthropology and Sociology
B.A., Middle Tennessee State University; M.A., Ph.D., University of Iowa
- ALEXANDRA BELANICH, Professional Assistant I, Title III
B.A., State University of New York at Stony Brook
- MICHAEL BELANICH, Assistant Professor of Biology
B.S., Ph.D., State University of New York at Stony Brook
- MICHAEL D. BENHAR, Assistant Professor of Psychology
B.A., State University of New York at Stony Brook; M.A., Queens College; M.A., Bar-Ilan University
- REGINA BENINCASA, Professional Assistant II - Biology
A.S., State University of New York: Suffolk County Community College; B.A., State University of New York at Stony Brook
- JORDAN BERGER, Instructor of Automotive Technology
A.A.S., State University of New York Suffolk County Community College; B.S., State University of New York at Farmingdale
- ANDREA BHELLA, Counselor/ Assistant Professor
B.S., State University of New York at Geneseo; M.S., University of Rochester
- DOREEN K. BIONDOLILLO, Associate Professor of Nursing
B.S., St Joseph's College of Maine; M.S., Molloy College
- KIMBERLY A. BIRNHOLZ, Counselor / Associate Professor
B.A., Springfield College; M.S. Ed., Hofstra University
- DIANE BOCKINO, Specialist - Biology
A.A., State University of New York: Suffolk County Community College; B.S., State University of New York at Stony Brook
- MICHAEL J. BONANNO, Professor of Mathematics
B.S., State University of New York at Stony Brook; M.A., University of Pennsylvania
- MARY ANN BORRELLO, Professor of Social Science
B.S., Fordham University; M.A., St. John's University
- JOY G. BORRERO, Associate Professor of Nursing
B.S., Adelphi University; M.S., City University of New York: Hunter College; A.N.P., State University of New York at Stony Brook
- CHRISTINA BOSCO, Assistant Professor of Social Sciences
A.A., Suffolk County Community College; B.S., University of Scranton; M.A., Ph.D., State University of New York; Stony Brook
- NICHOLAS BOSCO, Associate Professor of Business Administration
B.A., M.B.A., Long Island University
- MARK BOURDEAU, Professor of English
B.A., Miami University; M.A., Ph.D., Purdue University
- CRAIG BOYD, Professor of Music
A.A.S., State University of New York: Suffolk County Community College; B.M. in Ed., B.M. in Composition, Berklee College of Music; M.A., Long Island University: C.W. Post Campus; M.A./L.S., State University of New York at Stony Brook
- CHRISTINE M. BRADY, Associate Professor
B.A., College of Mount St. Vincent; M.S., Ph.D., State University of New York at Stony Brook
- GWENDOLYN M. BRANCH, Assistant Professor/ Counseling
B.A., State University of New York at Oneonta; M.S.W., State University of New York at Stony Brook; L.M.S.W.
- TRAVERS BREEN, Assistant Professor of Physical Education
B.S., Methodist University; M.S., Hofstra University.
- COURTNEY BREWER, Assistant Professor of Behavioral Science
B.A., State University of New York: Stony Brook; M.S., Long Island University: C.W. Post Campus; Ph.D., Walden University
- JONATHAN T. BROCKMAN, Assistant Professor of Chemistry
B.S., Illinois Wesleyan University; Ph.D., University of Florida
- STEVEN BRODSKY, Associate Professor of English
B.A., Adelphi University; M.F.A., Eastern Washington University; M.A., Johns Hopkins University

FULL-TIME FACULTY AND INSTRUCTIONAL STAFF

TERRI A. BROWN, Professional Assistant II - Dietetic Technician

A.A.S., Suffolk County Community College

LESLIE BUCK, Professor of Mathematics

B.A., Dowling College; M.S., Adelphi

University; M.S., Polytechnic University

LAUREY BUCKLEY, Associate Professor of Graphic Design

B.F.A., State University of New York: Fashion

Institute of Technology; M.A., Syracuse

University

NEIL P. BUFFETT, Assistant Professor of Social Science

A.A., Clinton Community College; B.A.,

Plattsburgh State University; M.A., College

of Saint Rose; M.A., State University of New

York: Stony Brook

ELIDA BUTTRON-NAVARRO, Specialist - Center for Academic Excellence

A.A., State University of New York: Suffolk

County Community College; B.A., Dowling

College

EDWARD BURKE, Professor of Art

B.S. Ed., University of Georgia; M.F.A., State

University of New York at New Paltz

CAROLINE BURNS, Specialist - Institutional Effectiveness

B.S., St Joseph's College; M.S., Long Island

University: C.W. Post Campus

WILLIAM F. BURNS, Associate Professor of English

B.A. Hofstra University; M.A., Southern

Connecticut State University; Ph.D.,

University of Rhode Island;

DARRYL BUTKOS, Associate Professor of Physical Science

B.S., State University of New York at

Oneonta; M.S., State University of New York

at Stony Brook

JAMES BYRNE, Professor of Visual Arts

B.F.A., University of Illinois; M.F.A.,

University of North Carolina

MARIANNE BYRNE-MOORE, Professor of Business Information Systems / Business Admin.

B.S., Central Connecticut State University;

M.A., Hofstra University; M.B.A., New York

Institute of Technology

JENNIFER CANAVAN, Instructor of EMS

A.A., State University College of New York

at Potsdam; B.S.N., Mercy College

JENNIFER L. CARLSON, Professional Assistant II - Biology

A.A., State University of New York: Suffolk

County Community College; B.S., State

University of New York at Stony Brook

SUSAN CARNEY, Professor / Counselor

A.A., State University of New York: Nassau

County Community College; B.A., M.A.,

M.S., Long Island University: C.W. Post

Campus

DONNA L. CARRA, Assistant Professor of Nursing

A.A.S., Suffolk County Community College;

B.S.N., St. Joseph's College; M.S.N., Molloy

College

KATHLEEN CASH-MCCONNELL, Professor of

English as a Second Language and Reading

B.A., Ohio University; M.A., State University

of New York at Stony Brook; M.S., Long

Island University: Southampton College

JAMES CASSIDY, Associate Professor of

Mathematics

B.S., M.A., St. John's University

THOMAS J. CAULFIELD, Assistant Professor of English

B.A., M.S., Mansfield University of PA;

Ph.D., Indiana University of Pennsylvania

CAROL CAVALLO, Professor of English

B.A., St. Bonaventure University; M.A.,

University of Pennsylvania; Ph.D., New York

University

ALICE CAVANAUGH, Professor of Music

B.A., Smith College; M.M., Indiana

University: Bloomington; D.M.A., State

University of New York at Stony Brook

JERRY J. CHEN, Professor of Mathematics

B.S., M.S., Ph.D., New Jersey Institute of

Technology

TU YING CHEN, Associate Professor of

Chemistry

B.S., St. Mary's College; M.S., St. John's

University

EDWARD CHROPUFKA, Professional Assistant

II - Educational Technology Unit

A.S., State University of New York at

Farmingdale; B.S., New York Institute of

Technology; M.B.A., New York Institute of

Technology

ADRIENNE CHU, Assistant Professor of

Mathematics

B.S., Carnegie Mellon University; M.S.,

Ph.D., State University of New York at Stony

Brook

MAUREEN CLINTON, Professor of Health and Human Services

A.A., State University of New York: Suffolk

County Community College; B.A., St.

Joseph's College; M.S., Professional Diploma,

Long Island University: C.W. Post Campus;

M.S.H.S., State University Of New York at

Stony Brook

RUSSELL R. COE, Associate Professor of

Mathematics

B.S., Fairfield University; M.A., Ph.D.,

Wesleyan University

ALBIN COFONE, Professor of Social Science,

Psychology / Sociology / Anthropology

B.B.A., Pace College; M.A., Long Island

University: C.W. Post Campus; M.A., State

University of New York at Stony Brook

DOROTHY COFONE, Counselor / Professor
 A.A., State University of New York: Suffolk
 County Community College; B.A., State
 University of New York at Stony Brook; M.S.,
 Long Island University: C.W. Post Campus
 THOMAS E. COLEMAN, Associate Professor of
 Psychology
 A.A.S., State University of New York: Suffolk
 County Community College; B.A., State
 University of New York at Stony Brook; M.S.
 Ed. Long Island University; M.S., Psy.D.,
 Hofstra University
 ELIA COLON-MALLAH, Professor of
 Veterinary Science
 B.S., D.V.M., Cornell University
 KIMBERLY COLUCCIO, Instructor of Reading
 B.S., York College of Pennsylvania; M.S.,
 Dowling College
 ELIZABETH CONE, Professor of English
 B.A., State University of New York at Stony
 Brook; M.A., Illinois State University
 LISA M. COOK, Assistant Professor of
 Mathematics
 B.S., M.S., Long Island University: C.W. Post
 SUZANNE COOK, Counselor / Instructor
 A.A., State University of New York: Suffolk
 County Community College; B.A., Dowling
 College; M.S., Long Island University: C.W.
 Post Campus
 DOREEN COPPA, Associate Professor of
 Nursing
 A.A.S., State University of New York: Suffolk
 County Community College; B.S., Adelphi
 University; M.S. State University of New
 York at Stony Brook
 KRISTEN COSENTINO, Counselor / Assistant
 Professor
 A.A., State University of New York: Suffolk
 County Community College; B.A., M.S.W.,
 State University of New York at Stony Brook;
 L.M.S.W.
 KATHLEEN CUMMINGS, Assistant Professor
 of Early Childhood Education
 B.S., M.S., Purdue University
 MISTY CURRELI, Instructor of Sociology
 B.A., Millersville University; M.A., Lehigh
 University; Ph.D., State University of New
 York at Stony Brook
 AMY WARENDA CZURA, Associate Professor
 B.S., Plymouth State College; Ph.D., State
 University of New York at Stony Brook
 DENISE D'AMBROSIA, Associate Professor of
 Nursing
 A.A.S., State University of New York:
 Suffolk County Community College; B.S.,
 State University of New York at Stony
 Brook; Doctor of Nursing Science, Columbia
 University

MICHAEL L. DALY JONES, Assistant Professor
 of Mathematics
 B.S., M.S., State University of New York at
 Stony Brook
 LIONEL DANIEL, Professor of Earth and Space
 Science
 B.S., Dowling College; M.S., Adelphi
 University; Ph.D., Hofstra University; A.T.P.,
 Federal Aviation Agency
 ANABEL DARINI, Associate Professor of
 Mathematics
 B.S., University of Texas, Pan American;
 M.S., State University of New York at Stony
 Brook
 KRISTIE DAVID, Professional Assistant II
 B.A., Seton Hall University; M.P.A., Long
 Island University
 ALBERT T. DAWSON, Assistant Professor of
 Engineering / Industrial Technology
 A.A., State University of New York at
 Farmingdale; B.S., Polytechnic Institute of
 New York University; M.S., Kansas State
 University
 JOSEPH DEFILIPPE, Professor of Business
 Administration
 B.S., M.B.A., St. John's University
 BARBARA DEFINA, Specialist - Continuing
 Education
 B.A., School of Visual Arts
 ARTHUR DEL DUCA, Associate Professor of
 Physical Education
 B.A., Long Island University: C.W. Post
 Campus; M.A., Adelphi University
 DONNA DELLAROCCA, Counselor / Professor
 A.A., State University of New York: Suffolk
 County Community College; B.A., Dowling
 College; M.S., Hofstra University
 AUDREY DELONG, Associate Professor of
 English
 B.A., Cornell University; M.A., Ph.D.,
 University of North Carolina at Chapel Hill
 CHRISTINA A. DELUSTRO, Professional
 Assistant I
 SUSAN DEMASI, Professor of Library Services
 B.A., State University of New York at
 New Paltz; M.A., New York Institute of
 Technology; M.L.S., Long Island University:
 Palmer School of Library and Information
 Science
 GLENDA DENICOLO, Assistant Professor of
 Physical Sciences
 B.S., Federal University of Parana; M.S.,
 National Observatory, Rio De Janeiro; Ph.D.,
 Cambridge University, U.K.
 MARY DERNBACH, Counselor / Assistant
 Professor
 B.A., State University of New York at
 Plattsburgh; M.S.W., University of
 Cincinnati

FULL-TIME FACULTY AND INSTRUCTIONAL STAFF

- CELESTE DESARIO, Professor of English
A.A., State University of New York: Suffolk county Community College; B.A., M.A., State University of New York at New Paltz
- JAMES DESARIO, Professor of Photographic Imaging
B.S., St. John's University; M.A., State University of New York at Binghamton
- WILLIAM DESIMINI, Professor of Economics/ Business
B.A., Hofstra University; M.A., M.S., State University of New York at Stony Brook
- VINCENT DICALOGERO, Professor of Accounting
B.B.A., M.S., Adelphi University; C.P.A.
- ANTHONY DIFRANCO, Professor of English
B.A., M.A., Fordham University; Ph.D., Union Institute Graduate School
- PETER DIGREGORIO, Coordinator of Instructional Technology - Educational Technology Unit; Professor
B.S., State University of New York at Binghamton; M.S., Dowling College; M.S., State University of New York at Stony Brook
- RAYMOND DI SANZA, Assistant Professor of English
B.A., B.S., Boston University; M.A., D.A., St. John's University
- ETSUKO DONNELLY, Associate Professor of Sociology
B.A., M.A., Ph.D., State University of New York at Stony Brook
- DANIELLE DORGAN, Professional Assistant II - Instructional Technology
A.A.S., State University of New York: Suffolk County Community College
- DENNIS DOUGHERTY, Assistant Professor of Veterinary Science
A.A.S., State University of New York at Farmingdale; B.S., University of Wyoming; D.V.M., Ross University School of Veterinary Medicine
- DAVORIN DUJMOVIC, Associate Professor of Mathematics
B.S., University of Rijeka; M.S., University of Belgrade; M.S., Ph.D., University of South Carolina
- JEANNE M. DURSO, Professional Assistant I - Continuing Education
A.A.S., Cochise College, AZ; A.A.S., SCCC; B.S., Dowling College; M.B.A., Dowling College
- CYNTHIA EATON, Professor of English
B.A., State University of New York at Cortland; M.A., University of Massachusetts at Amherst
- NANCY ELLIS, Professor of Business
A.A., State University of New York: Suffolk County Community College; B.A., M.A., State University of New York at Stony Brook; M.B.A., Dowling College; J.D., Touro College
- SANDRA EMMACHILD, Professor of Philosophy
B.A., Southern Illinois University; M.A., Columbia University
- MICHAEL D. ENGLAND, Associate Professor of Chemistry
B.S., Fairfield University; M.A., Ph.D., Princeton University
- JEFF EPSTEIN, Associate Professor of Visual Arts
B.A., Moravian College; M.F.A., Brooklyn College
- STEVEN EPSTEIN, Associate Professor of Communications
B.A., State University of New York at Oswego; M.A., Ph.D., University of Illinois
- EDWARD ERIKSSON, Professor of English
B.A., City University of New York: Brooklyn College; M.A., University of Iowa
- KENNETH ETTLINGER, Associate Professor of Natural Science and Technology
A.A., State University of New York: Suffolk County Community College; B.A., M.S., State University of New York at Stony Brook
- CHERLY EVERY-WURTZ, Associate Professor/ Admissions Counselor
A.A.S., State University of New York at Dutchess Community College; B.S., State University of New York at Oswego; M.S., Syracuse University
- TARA FAGAN, Professor/ Counselor
B.S., State University of New York at Oneonta; M.S., Long Island University; C.W. Post Campus; M.S.W., Stony Brook University
- SUSAN FANNING, Professor of English
B.A., M.A., St. John's University; Ph.D., Fordham University
- JENNIFER FARQUHAR, Associate Professor of Library Services
B.A., Rutgers College; M.L.S., Rutgers University
- MARC FELLEENZ, Professor of Philosophy
B.A., State University of New York at Stony Brook; M.A., Ph.D., Pennsylvania State University
- LISA FERNANDEZ-QUINONES, Professor of Nursing
B.S., State University of New York: Downstate Medical Center; M.S., State University of New York at Stony Brook; A.P.R.N.; Nurse Practitioner Certification in OB/GYN and Adult Primary Care

- DONALD R. FERRUZZI, Professor of Natural Sciences
 A.A.S., Rochester Institute of Technology;
 B.A., New York University; M.S., St. John's University
- GERARD FLEMING, Counselor/Financial Aid/Student Services; Professor
 B.S., State University of New York at Brockport; M.S., Long Island University: C.W. Post Campus
- CANDICE J. FOLEY, Professor of Physical Sciences
 B.S., University of South Carolina; Ph.D., State University of New York at Stony Brook
- LIZ FOLEY, Specialist II - Educational Technology Unit
 A.S., State University of New York: Nassau County Community College; B.S., St. John's University; M.S., State University of New York at Stony Brook
- GEORGE FORTUNATO, Associate Professor of Biology
 B.S., St. John's University; M.S., Adelphi University
- BARBARA C. FOX, Associate Professor of History
 B.A., University of New Hampshire; M.A., Ph.D., University of Massachusetts
- THOMAS FRAZIER, Professional Assistant II - Biology
 A.A., State University of New York: Suffolk County Community College; B.S., St. Joseph's College
- JAMES P. FULTON, Professor of Mathematics
 A.A.S., State University of New York at Farmingdale; B.A., M.S., Ph.D., University of Virginia
- JOYCE GABRIELE, Professor of Library Technical Services
 B.A., Long Island University: C.W. Post Campus; M.S., Long Island University: Palmer School of Library and Information Science; M.A./L.S., State University of New York at Stony Brook
- JODI GAETE, Professor of Communications
 B.A., State University of New York at Binghamton; M.A., Boston University
- LAURA GALLETTA, Professional Assistant II - Mechatronics Program
 A.A.S. State University of New York: Suffolk County Community College; B.A. State University of New York: Empire State College
- JOSEPH W. GANSROW, Assistant Professor of English
 B.A., The College of Charleston; M.A., Ph.D., State University of New York at Stony Brook
- BERNADETTE GARCIA, Professor of EF: ESL
 B.A., State University of New York at Geneseo; M.S., Adelphi University; M.A., State University of New York: Stony Brook
- CATHERINE GARCIA-HILL, Associate Professor of English as a Second Language
 B.A., University of Pennsylvania; M.A., Teachers College of Columbia University
- TODD GARDNER, Assistant Professor of Marine Biology
 B.S., East Stroudsburg University; M.S., Hofstra University
- MICHELE GENTILE, Assistant Professor of Occupational Therapy
 B.A., St. Joseph's College; M.A., New York University
- SHAUN F. GERIEN, Specialist - Central Media Services
 A.A., A.A.S., State University of New York: Suffolk County Community College; B.F.A., New York Institute of Technology
- DEBRA GERRIE, Professional Assistant II - Nursing
 A.A.S. State University of New York at Farmingdale; B.S., St. Joseph's College
- ANINDITA GHOSH, Associate Professor of Physical Sciences
 B.S., University of Calcutta; M.S., Indian Institute of Technology, India; M.S.(Astronomy), M.S.(Physics), State University of New York at Stony Brook
- SCOTT GIACCONE, Professor of Business Administration
 B.A., Colgate University; M.B.A., Adelphi University; J.D., Suffolk University Law School
- DANIEL GIANCOLA, Professor of English
 A.A., State University of New York: Suffolk County Community College; B.A., Long Island University: Southampton College; M.A., Miami University of Ohio
- DAN GILHOOLEY, Professor of Fine Arts
 B.A., M.A., City University of New York: Hunter College; M.A., Boston Graduate School for Psychoanalysis; PsyD, Boston Graduate School for Psychoanalysis; Certificate in Psychoanalysis, Center for Modern Psychoanalytic Studies
- JOHN GILL, Professor of English
 B.A., University of Virginia; M.A., San Francisco State College
- TRACEY GILLAN, Assistant Professor of Nursing
 B.S.N., State University of New York at Stony Brook; M.S.N., Columbia University

FULL-TIME FACULTY AND INSTRUCTIONAL STAFF

CHERYL GILLESPIE, Professor of Physical Therapy

B.S., Ithaca College; M.A., New York University; D.P.T., State University of New York at Stony Brook

NICHOLAS GIORDANO, Assistant Professor of Political Science

B.A., M.A., Long Island University: C.W. Post Campus

ANDREA K. GLICK, Instructor, Culinary Arts

B.A., New York University

TINA GOOD, Professor of English

B.A., M.A., California State University, Fresno; Ph.D., State University of New York at Stony Brook

ALICE GOODE-ELMAN, Professor of Humanities

B.A., M.A., Ph.D., State University of New York at Stony Brook

THOMAS GORDON, Assistant Professor of Biology

B.A., Hampshire College, Ph.D., State University of New York at Stony Brook.

MAHIN GOSINE, Professor of Sociology and Anthropology

B.A., Fordham University; M.A., New School for Social Research; M.Ph., Ph.D., St. John's University

CONSTANCE M. GREEN, Assistant Professor of Nursing

A.S., State University of New York at Farmingdale; B.S., M.S., State University of New York at Stony Brook

STEPHEN GREEN, Associate Professor of Theatre

B.A., State University of New York at Albany; M.F.A., North Carolina School of the Arts

ROBERT GRIFFITHS, Assistant Professor of Criminal Justice

A.A., State University of New York: Nassau County Community College; B.A., Long Island University: C.W. Post Campus; M.A., City University of New York: John Jay College of Criminal Justice; M.A./L.S., State University of New York at Stony Brook; J.D., City University of New York: Law School

KRISTA GRUBER, Associate Professor of Library Services

A.A.S., State University of New York, Suffolk County Community College; B.A., State University of New York at Geneseo; M.L.S., State University of New York at Buffalo

SARAH L. GRUNDER, Assistant Professor of Social Sciences

B.A., University of California, San Diego; M.A., University of London; Ph.D., The College of William and Mary

GREGG GUELINIS, Instructor of Reading; Reading Center Coordinator

A.A., State University of New York: Suffolk County Community College; B.A., St. Joseph's College; M.A., Long Island University: Brentwood Campus

RUSSELL GUSACK, Professor of Mathematics

B.S., Long Island University: C.W. Post Campus; M.S., Ph.D., Adelphi University

JOANN GUSHUE, Professor of Business/Information Technology

A.A., State University of New York: Suffolk County Community College; B.S., State University of New York at Stony Brook; M.B.A., Southern Illinois University; M.S., Long Island University; C.W. Post Campus

SARAH GUTOWSKI, Associate Professor of English

B.A., James Madison University; M.F.A., New York University

DENISE HAGGERTY, Assistant Professor of History

A.A. State University of New York: Suffolk County Community College; B.A., M.A., State University of New York at Stony Brook

JULIE HANAUER, Associate Professor

B.A., Wesleyan University; M.A., Ph.D., City University of New York: Queens College

MARIE HANNA, Professor of Nursing

B.S.N., City University of New York: Hunter College; M.S., Boston University; State University of New York at Stony Brook; A.P.R.N.; Nurse Practitioner Certificate Women's Health, State University of New York at Stony Brook

PATRICIA HANNA, Specialist I - Advising and Testing

B.A., City University of New York: Queens College

JANE HAYES, Associate Professor of Social Science/Geography

B.A., University of Colorado; M.A., Ph.D., Clark University

JANE F. HECKER-CAIN, Assistant Professor of American Sign Language

B.S., Northwestern University; M.S., University of South Maine

LARS HEDSTROM, Professor of Television, Radio and Film

B.G.S., University of Nebraska; M.C., M.C.A., New York University

ALPHONSES HERAGHTY, Professor of Physical Education

B.S., M.S., State University of New York at Cortland

LAWRENCE D. HERZMAN, Professional Assistant I - Radio and Television

- KERRY HOFFMAN, Associate Professor of Physical Therapy
B.S., University of Vermont; M.S., Touro College; D.P.T., State University of New York at Stony Brook
- KLAUS HOFFMANN, Associate Professor of Business Administration
B.S., Embry-Riddle Aeronautical University; M.B.A., Adelphi University
- CHRISTOPHER HOLFESTER, Assistant Professor of Communications
B.A., State University of New York at Plattsburgh; M.A., Auburn University
- SANGEET HONEY, Assistant Professor of Biology
B.S., Kurukshetra University, Kurukshetra, India; M.Sc., Kurukshetra University, Kurukshetra, India; P.G.D., Panjab University, Chandigarh, India; Ph.D., Postgraduate Institute of Medical Education and Research, Chandigarh, India
- JOAN HORN, Professional Assistant II, Physical Sciences
A.S., State University of New York: Suffolk County Community College; B.S., M.S., State University of New York at Stony Brook
- VERA HU-HYNEMAN, Assistant Professor of Mathematics
B.S., M.A., Pennsylvania State University
- SHARON HUANG, Instructor of Computer Science
B.A., National Cheng Kung University; M.S., National Sun Yat-Sen University; M.S., New York Institute of Technology at Old Westbury
- ZHEN HUANG, Associate Professor of Reading
B.A., M.A., East China Normal University; Ph.D., Hofstra University
- LISA HUBBS, Assistant Professor of Occupational Therapy Assisting
M.S., Shenandoah University
- CHERYL G. HUMSJO, Professional Assistant I - Student Affairs
A.G.S., Pima Community College; B.S., State University of New York at Stony Brook
- MICHAEL INGLIS, Associate Professor of Physics
B.S., Portsmouth Polytechnic; M.S., Hatfield Polytechnic; Ph.D., University of Hertfordshire
- LOUISE JOHNSTON, Professor/Counselor
A.A., State University of New York: Rockland Community College; B.S., State University of New York at Brockport; M.Ed., San Jose State University
- RICHARD JOHNSTON, Professor of Engineering/Industrial Technology
B.S., State University of New York at Brockport; M.B.A., Dowling College; M.S.T.N., New York University-Polytechnic Institute
- KIM JONES, Instructor of Biology
B.S., Metro State College of Denver; M.S., University of North Colorado
- YVON JOSEPH, Associate Professor of French and Spanish
B.A., M.A., City University of New York: Queens College; Ph.D., The Graduate Center, City University of New York
- JESSICA M. JOYCE, Assistant Professor/Counselor
B.S.W., State University of New York at Stony Brook; M.S.W., Fordham University
- VLADIMIR JURUKOVSKI, Associate Professor of Biology
B.S., University of Cyril and Methody; M.S., Belgrade University; Ph.D., State University of New York at Stony Brook
- CHANDRAKANTHI KAHANDA, Assistant Professor of Natural Sciences
B.S., University of Peradeniya, Sri Lanka; M.Sc., City University of New York: Brooklyn College; M.Phil., City University of New York; Ph.D., City University of New York
- GRACE KAIGH, Professional Assistant I - Admissions
A.A.S., State University of New York: Suffolk County Community College; B.S., State University of New York, Empire State College
- JASON KANKEL, Assistant Professor of Theatre
B.A., California State University at Chico; M.F.A., Mason Gross School of the Arts
- ALEXANDER KASIUKOV, Associate Professor of Mathematics
M.S., Moscow State University; M.A., Ph.D., University of Rochester
- DEBORAH L. KAUFMANN, Professional Assistant I - Biology
A.A.S., State University of New York: Suffolk County Community College; B.S., State University at Stony Brook
- ALLEN KEENER, College Coordinator of Photographic Imaging; Professor of Photography
B.F.A., Rochester Institute of Technology; M.F.A., Ohio University
- MARK KENNY, Associate Professor of Biology
B.A., Wesleyan University; M.A., State University of New York at Albany; Ph.D., The Graduate Center, City University of New York

FULL-TIME FACULTY AND INSTRUCTIONAL STAFF

- STEVEN T. KENNY, Professor of Economics
B.A., Hamilton College; M.A., M.A./L.S.,
State University of New York at Stony Brook
- DEBORAH KIESEL, Specialist I - Engineering
A.A.S., State University of New York: Suffolk
County Community College
- HEIDI KILEY, Assistant Professor of
Mathematics
B.S., M.S., State University of New York at
Stony Brook
- MUYUNG CHUL KIM, Assistant Professor of
Mathematics
B.S., Soon-Chun-Hyang University; M.S.,
Chicago State University
- MARTHA E. KINNEY, Associate Professor of
History
B.A., Converse College; M.A., California
State University, Hayward
- CARMEN KIRALY, Associate Professor of
Nursing
B.S., State University of New York at Stony
Brook; M.S.N., Nurse Practitioner in
Women's Health, Adelphi University
- STEVEN KLIPSTEIN, Professor of English
B.A., Pennsylvania State University; M.A.,
State University of New York at Buffalo
- JEFFERY KLUEWER, Professor of English
B.A., University of California, Santa Cruz;
M.A., Ph.D., State University of New York at
Stony Brook
- RUTH KOLK, Associate Professor of Nursing
B.S., State University of New York at Stony
Brook; M.S.N., Adelphi University; R.N.,
CEN
- BRIAN KORALEWSKI, Instructor of Economics
B.A., M.A., State University of New York at
Binghamton
- CHRISTOPHER J. KOSCIUK, Assistant
Professor of Philosophy
B.A., St. Bonaventure University; M.A.,
Ph.D., University of Massachusetts at
Amhurst
- JOSEPH KOSINA, Intercollegiate and
Intramurals Coordinator
A.A., State University of New York: Suffolk
County Community College; B.S., University
of Phoenix; M.S., Ohio University
- CATHERINE KOTTIS, Professional Assistant
II - Chemistry
B.S., The College of Staten Island
- MARIA KRANIDIS, Associate Professor of
English
B.A., State University of New York at Stony
Brook; M.A., Long Island University: C.W.
Post Campus
- STEPHANIE KRUPIN, Professional Assistant -
Central Admissions
- JOHN W. KULKOSKY, Associate Professor of
Earth and Space Science
B.S., State University of New York at Stony
Brook; M.S., Adelphi University
- VIVEK KUMAR, Assistant Professor of
Chemistry
M.S., Carnegie Mellon; Ph.D., The City
University of New York
- JACLYN LABOZZETTA, Instructor of
Mathematics
B.S., M.A., State University of New York at
Stony Brook; B.F.A., Long Island University:
C.W. Post Campus
- ALI LADERIAN, Associate Professor of
Engineering
B.S., M.S., University of Nebraska
- HANNAH M. LANDSEL-MANGIONE,
Instructor of English
B.A., M.A., St. John's University; ABD
Doctoral Candidate, St. John's University
- JUNE LANG, Associate Professor of Social
Science
B.S., M.A., University of Akron
- STEVEN LANTZ-GEFROH, Professor of
Theatre
A.A., Lake Region Community College;
B.A., University of Missouri; M.F.A., Yale
University
- BALDASSARE LAUDICINA, Counselor/
Assistant Professor
A.A., State University of New York: Suffolk
County Community College; B.A., St.
Joseph's College; M.S., City University of
New York: Queens College
- EMILY LAUER, Assistant Professor of English
B.A., New York University; M. Phil and
Ph.D., The Graduate Center, City University
of New York
- MERIDITH A. LEO-ROWETT, Instructor of
English
A.A., State University of New York: Suffolk
County Community College; B.A., M.A.,
State University of New York at Stony Brook;
Ph.D., St. John's University
- JO CURTIS LESTER, Associate Professor of
Theatre
B.F.A., Cornish College of the Arts; M.F.A.,
Ohio University
- JODI LEVINE, Associate Professor of Dietetics
B.S., M.S., Long Island University: C.W. Post
Campus; R.D.
- WREN C. LEVITT, Instructor of
Communications
B.A., Hofstra University; M.S., Southern
Illinois University
- WENXIN LI, Associate Professor of English
B.A., Beijing Second Foreign Language
University; M.A., Baylor University; Ph.D.,
Purdue University

- LAUREN LIBURD, Specialist - Institutional Advancement
B.S., Syracuse University; M.B.A., Hofstra University
- COLLEEN I. LICCIONE, Assistant Professor/ Counselor
A.A., Suffolk County Community College; B.A., State University of New York at Stony Brook; M.A., New York University
- DANIEL LINKER, Assistant Professor of English
B.A., Lafayette College; M.A., Northeastern University
- CATHERINE J. LIPNICK, Assistant Professor of English
B.A., Ph.D., State University of New York at Stony Brook
- LAURETTE LIZAK, Professor of Interior Design
B.F.A., New York School of Interior Design; M.S.Ed., City University of New York: Queens College
- JEFFREY S. LOSARDO, Professional Assistant I - Automotive Technology
A.A.S., State University of New York: Suffolk County Community College; B.S., State University of New York at Farmingdale
- LACHLIN LOUD, Professional Assistant II - Theatre
B.A., Humboldt State University; B.S.L.A., California Polytechnic State University; M.F.A., University of Missouri
- ROBERT A. LOWRY, Associate Professor of Mathematics
B.S., Clarkson University; M.A., University of California, Santa Cruz
- S. ARTHUR LUNDAHL, Counselor/Professor
B.A., Wittenberg University; M.A., Bowling Green State University; State University of New York Distinguished Service Professor
- TOBIAS LUSTIG, Counselor/Professor
B.A., Union College; M.B.A., Rutgers University
- PAMELA A. LYNCH, Assistant Professor of Biology
B.S., Union College, Schenectady; M.S., Long Island University: C.W. Post Campus
- ANDREA M. MACARI, Associate Professor of Psychology
B.A., Columbia University: Barnard College; M.A., Ph.D., Hofstra University
- R BRUCE MACDONALD, Assistant Professor of Psychology
B.A., M.A., Ph.D., Hofstra University
- PRISCILLA MACDUFF, Associate Professor of Health and Human Services
B.S., State University of New York at Old Westbury; M.S., Hofstra University
- DAVID MACHOLZ, Instructor of Automotive Technology
B.S., City University of New York: Queens College
- RICHARD MACK, Assistant Professor of Graphic Design
B.A., St. Edward's University; M.F.A., University of Miami
- JOHANNA M. MACKAY, Instructor of Library Services
B.A., New York University; M.L.S., State University of New York at Buffalo
- JOY A. MAHABIR, Associate Professor of English
B.S., University of West Indies; M.A., Ph.D., State University of New York at Stony Brook
- SUSANNA MAKLAKOV, Assistant Professor of Health Careers
A.A., State University of New York: Suffolk County Community College; B.S., M.S., Touro College
- VICTORIA M. MALONEY, Professional Assistant I - Nursing
B.S., Molloy College
- ELISA A. MANCUSO, Professor of Nursing
A.S., State University of New York at Farmingdale; B.A., Adelphi University; B.S., M.S., State University of New York at Stony Brook; RNC-NIC
- MICHAEL MANGINO JR, Associate Professor of Nursing
A.A.S., State University of New York: Nassau Community College; B.S., M.S., State University of New York at Stony Brook
- MARY M. MARCINCUK, Professor/ Counselor
B.A., State University of New York at Stony Brook; M.S.W., City University of New York: Hunter College; M.A., St. John's University
- PAUL A. MARRA, Professional Assistant I - Emergency Care Program
A.A., Suffolk County Community College; B.S., Empire State College
- RENZO MARTINEZ, Professional Assistant I - Educational Technology Unit
B.S., St. Joseph's College
- KAREN J. MAUER, Coordinator of Reading Center; Assistant Professor of Reading
B.A., Longwood College; M.S., Dowling College
- CAROL MAURO, Assistant Professor of Reading
B.S., Buffalo State College; M.S., Hofstra University
- ROSEMARY MCALLISTER, Assistant Professor of Reading
B.S., State University of New York at Albany; M.A., Hofstra University; M.S., Long Island University: C.W. Post Campus

FULL-TIME FACULTY AND INSTRUCTIONAL STAFF

SUSAN MCCABE, Associate Professor of Nursing

A.A.S., State University of New York: Suffolk County Community College; B.S., St. Joseph's College; M.S., State University of New York at Stony Brook; A.P.R.N., Nurse Practitioner Certificate in Adult Health

ELIZABETH MCCORMICK, Assistant Professor of English

B.A., Bennington College; M.Phil., Ph.D., City University of New York: The Graduate Center

KEVIN MCCOY, Professor of Library Services

A.A., State University of New York at Farmingdale; B.A., M.S., State University of New York at Stony Brook; M.L.S., City University of New York: Queens College

D. CHRISTIAAN MCDUGAL, Assistant Professor of Sociology

B.A., Georgia State University; M.A., University of Alabama: Birmingham

CARLENE A. MCFADYEN, Instructor of Communications

B.A., M.A., University of Hartford

CAROL MCGORRY, Professor of English

B.A., State University of New York: Empire State College; M.A., Hofstra University

TIMOTHY J. MCHEFFEY, Professor of Business Administration

A.A., State University of New York: Suffolk County Community College; B.S., State University of New York at Brockport; M.B.A., Dowling College

MARIANNE MCNAMARA, Assistant Professor of Biology

B.A., University of Maine at Machias; M.S., Ph.D., State University of New York at Stony Brook

T. KEVIN MCNAMARA, Associate Professor of Business Administration

B.B.A., Hofstra University; M.S., New York State Advanced Certificate in Labor / Management, State University of New York at Stony Brook

LISA MELENDEZ, Professor of Library Services

B.A., State University of New York at Cortland; M.L.S., University of Arizona: Graduate School of Library Science

ERIKKA MENDEZ, Assistant Professor of Mathematics

B.S., M.A., State University of New York at Brockport

ANNE T. MENENDEZ, Specialist II - Nursing

B.S., Molloy College; M.P.S., Long Island University

ANA MENENDEZ-COLLERA, Professor of Foreign Languages

B.A., University of Oviedo, Spain; M.A., Ph.D., University of Illinois at Urbana-Champaign

ELAINE MERENDA, Professor of Engineering / Technology

A.S., State University of New York: Suffolk County Community College; B.S.E.E., M.S.E.E., Polytechnic University

IOR DAN MICHEV, Professor of Mathematics

B.S., M.S., Ph.D., Sofia University

RICHARD MILANO, Instructor of Automotive Technology

A.A.S., State University of New York: Nassau County Community College; A.A.S., State University of New York: Suffolk County Community College; B.B.A., Hofstra University

VERONICA MILLER, Specialist II - Financial Aid

B.A., State University of New York at Oneonta; M.S., Dowling College

JOHN MILLETT, Associate Professor of Criminal Justice

B.S., City University of New York: John Jay College of Criminal Justice; M.S., New York Institute of Technology; M.A., State University of New York at Albany

RACHAEL MILLINGS, Instructor of Mathematics

A.A., State University of New York: Suffolk County Community College; B.A., Thomas Edison State College; B.S., State University of New York at Stony Brook; M.S., Columbia University

ANNAMARIA MONACO, Associate Professor of Italian

B.A., M.A., Università di Pavia; Ph.D., State University of New York at Stony Brook

GEORGE H. MONAHAN, Assistant Professor of History

B.A., City University of New York: Queens College; M. Phil., The Graduate Center, City University of New York; Ph.D., Stony Brook University

TERESA MORALES, Bilingual Counselor EOP / Assistant Professor;

B.S., M.S., State University College of New York at Buffalo

DANTE E. MORELLI, Associate Professor of Communications

B.A., California University of Pennsylvania; M.S., Radford University; ABD, Ohio University

- CELESTE MORIN, Counselor / Professor
A.S., State University of New York: Suffolk
County Community College; B.A., State
University of New York at Stony Brook; M.S.,
Long Island University: C.W. Post Campus
- MARK MORITZ, Assistant Professor of
Computer Art
A.A.S., State University of New York: Suffolk
County Community College; B.A., M.A.,
New York Institute of Technology
- ROBERT MOTT, Professional Assistant II -
Physical Education
A.A.S., State University of New York: Suffolk
County Community College; B.S., State
University of New York at Cortland
- PATTY MUNSCH, Counselor / Professor
B.S., State University of New York at
Geneseo; M.S., Western Illinois University;
Ph.D., New York University
- JEANINE M. MURPHY, Assistant Professor /
Counselor
B.A., Sienna College; M.S., Long Island
University: C.W. Post Campus
- ANTHONY R. NAPOLI, Professor of
Psychology
B.S., New York Institute of Technology; M.A.,
St. John's University; Ph.D., State University
of New York at Stony Brook
- JOSEPH NAPOLITANO, Assistant Professor of
Biology
B.S., Cornell University; M.S., Clemson
University
- ALEXIS NARVAEZ, Professional Assistant I -
Biology
B.A., Universidad Del Norte; B.S.,
Universidad Nacional de Asuncion
- DEBRA NARVAEZ, Specialist - Biology
A.A.S., State University of New York: Suffolk
County Community College
- JORDAN NEUS, Assistant Professor of
Mathematics
B.S., M.S., Ph.D., State University of New
York at Stony Brook
- KIMBERLY NG-SOUTHARD, Professor of
English
B.A., M.A., State University of New York at
Stony Brook
- TONI-ANNE NHOTSOUANH, Counselor of
Career Services and Coop Education / Associate
Professor
B.F.A., Long Island University: Southampton
College; M.S., Long Island University:
C.W. Post Campus
- NATALIE NIEMANN, Associate Professor of
Construction Technology
B.S.A.T., New York Institute of Technology;
M.Arch., State University of New York at
Buffalo
- SHARON NIGGEMEIER, Assistant Professor of
Nursing
B.S., M.S., Adelphi University
- ALEXANDER R. NOHAI-SEAMAN, Associate
Professor of Music
B.A., Lycoming College; M.M., Binghamton
University; D.M.A., University of Wisconsin,
Madison
- RICHARD NORMAN, Associate Professor of
Physical Education
B.S., M.S., East Stroudsburg University
- THOMAS O'BRIEN, Associate Professor of
Visual Arts
B.A., M.A., Ph.D., University of Wisconsin-
Madison
- WILLIAM O'CONNELL, Assistant Professor of
Communications
B.A., State University of New York at Old
Westbury; M.A., New York Institute of
Technology
- DENNIS D. O'DOHERTY, Associate Professor of
Business and Technology
B.A., Marist College; J.D., California Western
School of Law
- MATTHEW J. OKERBLOM, Counselor /
Instructor
A.A., State University of New York: Suffolk
County Community College; B.A., State
University of New York at Stony Brook; M.S.,
Long Island University: Brentwood Campus
- SUSAN ORLANDO, Specialist I - Nursing
B.S., St. Joseph's College; M.S.N., St. Joseph's
College of Maine; R.N., CCRN
- STEVE ORTIZ-RIOS, Specialist I - Educational
Technology Unit
A.A.S., State University of New York: Suffolk
County Community College
- JOHN PACE, Associate Professor of Accounting
B.B.A, M.B.A., Hofstra University; C.P.A.
- SOPHIE PAINCHAUD, Assistant Professor of
Communications
A.A.S., Florida Keys Community College;
B.A., Smith College; M.A., New York
University
- MYUNG-HEE PAK, Assistant Professor of
Nursing
B.S.N., Busan National University; M.S.N.,
Wayne State University, C.C.R.N.
- SOFIA PAPADIMITRIOU, Specialist II -
Educational Technology Unit
A.A.S., State University of New York: Suffolk
County Community College; B.S., State
University of New York at Old Westbury;
M.S., State University of New York at Stony
Brook
- MATTHEW PAPPAS, Associate Professor of
Earth and Space Science
B.S., University of Massachusetts,
Dartmouth; M.A., Wesleyan University

FULL-TIME FACULTY AND INSTRUCTIONAL STAFF

- JOHN PARBST, Professor of English
B.A., M.A., California State University at Fullerton; M.F.A., Long Island University: Southampton College
- FRANCIS PARRELLA, Associate Professor of Library Services
B.S., St. Joseph's College; M.S., Long Island University: Palmer School of Library and Information Science
- AIDA PAVESE, Professor of Reading
B.S., Long Island University: Brooklyn Center; M.S., Long Island University: Palmer School of Library and Information Science; M.B.A., Adelphi University; Ph.D., Hofstra University
- ADAM PENNA, Associate Professor of English
B.A., M.F.A., Long Island University: Southampton College
- NANCY PENNCAVAGE, Professor of Biology and Oceanography
B.S., City University of New York: Brooklyn College; M.S., Adelphi University; Ph.D., State University of New York at Stony Brook
- KAREN PEPE, Counselor/Professor
B.A., University of North Carolina, Charlotte; M.S., Hofstra University
- LAWRENCE PERLMAN, Professional Assistant II - Classroom Media Services
B.A., Bard College
- JEAN NICOLAS PESTIEAU, Associate Professor of Mathematics
B.E., The Cooper Union; Ph.D., State University of New York at Stony Brook
- KEVIN PETERMAN, Professor of Library Services; President, Faculty Association
A.A.S., State University of New York: Suffolk County Community College; B.F.A., M.A., New York Institute of Technology; M.S., Long Island University: Palmer School of Library and Information Science
- THOMAS PHILLIPS, Professor of Psychology / Sociology / Anthropology
A.A., City University of New York: Queensborough Community College; B.A., State University of New York at Oneonta; M.A., Adelphi University; M.L.S., City University of New York: Queens College
- CHRISTOPHER PICKEN, Assistant Professor of Biology
B.S., Gettysburg College; M. Phil., State University of New York at Stony Brook
- JOSEPH PONTIERI, Specialist II - Engineering
A.A.S., State University of New York: Suffolk County Community College; B.S., State University of New York at Oswego; M.S., State University of New York at Stony Brook
- GERTRUDE POSTL, Professor of Philosophy
M.A., Ph.D., University of Vienna, Austria
- RICHA RAWAT PRAKASH, Assistant Professor of Chemistry
M.S., Indian Institute of Technology Kanpur; Ph.D., State University of New York at Stony Brook
- DANNA PRATHER, Instructor of Communications
B.S., University of Texas; M.A., University of Alabama
- ELAINE P. PRESTON, Professor of English
B.A., M.A., University of South Carolina
- DEBORAH PROVENZANO, Associate Professor of Library Services
A.A., State University of New York: Suffolk County Community College; B.A., New York University; M.L.S., City University of New York: Queens College; M.A., State University of New York at Stony Brook
- COLLEEN L. PRUNIER, Assistant Professor of Nursing
A.A.S., State University of New York at Farmingdale; B.S., M.S., State University of New York at Stony Brook
- CAROLE PUGLIESE, Professor of Biology
B.S., Molloy Catholic College for Women; M.S., St. John's University
- PATRICIA RAFF, Specialist - Veterinary Science
A.A.S., State University of New York at Farmingdale; L.V.T.
- SARA RAFFERTY, Assistant Professor of Visual Arts
B.F.A., Rhode Island School of Design; M.F.A. Columbia University School of Arts
- JASON RAMIREZ, Assistant Professor of Theater and Performing Arts
B.A., Lehman College; M.A., Hunter College; Ph.D., The Graduate Center, City University of New York
- PAMELA RATHBURN-RAY, Associate Professor of Nursing
B.S., State University of New York: Downstate Medical Center; M.S., Nurse Practitioner in OB and GYN, State University of New York at Stony Brook
- MOHINI RATNA, Counselor/Professor
B.B.A., University of Madras, India; M.B.A., M.S., Long Island University: C.W. Post Campus
- RAYMOND REARDON, Specialist - Theatre
A.S., State University of New York: Suffolk County Community College
- MARIA REITANO, Associate Professor of Biology
B.S., Fordham University; M.S., Ph.D., St. John's University

- NICOLE L. REITMAN, Counselor / Assistant Professor
A.A., State University of New York: Suffolk County Community College; B.A., State University of New York at Geneseo; M.S., Long Island University; C.W. Post Campus
- JAMES REMSEN, JR., Associate Professor of Biology
A.S., State University of New York: Nassau Community College; B.S., M.A., Hofstra University; Ph.D., New York University.
- DAVID RIVERA, Professional Assistant I - Desktop Support
A.A.S., State University of New York: Suffolk County Community College
- SAMUEL A. ROBERTSON, Associate Professor of English
B.A., Dartmouth College; M.A., Ph.D., New York University
- LOUIS ROCCANOVA, Professor of Biology
B.A., Hofstra University; M.A., City University of New York; Hunter College; Ph.D., The Graduate Center, City University of New York
- HARRY ROONEY, Professor of Psychology / Sociology / Anthropology
B.S., Northeastern Oklahoma State University; M.P.S., New York Institute of Technology; M.A. / L.S., State University of New York at Stony Brook
- ROBERT ROVEGNO, Professor of Accounting
B.A., Fairfield University; M.B.A., Adelphi University
- CLAIRE N. RUBMAN, Associate Professor of Psychology
B.A., Glasgow University; L.L.C.M.T.D., London College of Music; M.A., Ph.D., State University of New York at Stony Brook
- STEVEN RUSSELL, Associate Professor of Business Administration
B.A., State University of New York at Stony Brook; J.D., Hofstra University
- MICHAEL L. RUSSO, Professor of Mathematics
B.A., University of Virginia; M.S., State University of New York at Stony Brook
- GREGORY RYAN, Associate Professor of Psychology
B.A., Hofstra University; M.S., Ph.D., Loyola University
- TADEUSZ SACILOWSKI, Specialist I - Computer Center
B.A., St. John's University; M.S., Polytechnic Institute of New York University
- RITA SAKITT, Professor of Sociology / Anthropology
B.A., University of Maryland; M.A., M.A. / L.S., State University of New York at Stony Brook
- FRANK SALERNO, Specialist II - Educational Technology Unit
A.A.S., State University of New York: Suffolk County Community College; B.S., M.S., University of Phoenix
- STEVEN SALTZMAN, Professor of Business Administration
A.A.S., City University of New York: Queensborough Community College; B.B.A., City University of New York: Baruch College; M.B.A., Adelphi University; M.S., Long Island University; C.W. Post Campus; Certificate in Psychoanalytic Psychotherapy, Washington Square Institute for Psychotherapy and Mental Health; NYS Licensed Mental Health Counselor; NYS Licensed Psychoanalyst; N.C.C.
- SHARADHA SAMBASIVAN, Associate Professor of Chemistry
B.S., St. Stephen's College, India; M.S., Indian Institute of Technology, India; Ph.D., State University of New York at Stony Brook
- LARISSA A. SAMUILOVA, Assistant Professor of Mathematics
B.S., M.S., Ph.D., Belarus State University.
- SONIA SANCHEZ, Assistant Professor of Foreign Languages
B.A., M.A., State University of New York at Stony Brook
- LORRAINE SANSO, Specialist I - Nursing
A.S., State University of New York: Suffolk County Community College; B.S., M.S., State University of New York at Stony Brook
- DENISE SARIEGO, Professor of Reading
B.A., State University of New York at Potsdam; M.S. and Professional Diploma, St. John's University; M.A., National Autonomous University of Mexico; Ed.D., Hofstra University
- RACHEL SCHMIDT, Instructor of Criminal Justice
B.A., University of Maryland; J.D., Fordham University School of Law
- RICHARD SCHMIDT, Specialist - Computer Center
A.A.S., State University of New York: Suffolk County Community College; B.B.A., Dowling College
- GERALD SCHNAL, Professional Assistant II - Physical Science
B.A., State University of New York at Stony Brook; M.S., Stevens Institute of Technology
- STEVEN SCHRIER, Professor of Political Science / Business Law
B.A., City University of New York: Queens College; J.D., St. John's University

FULL-TIME FACULTY AND INSTRUCTIONAL STAFF

BRUCE SEGER, Assistant Professor of Library Science

A.A., State University of New York: Suffolk County Community College; B.A., Queens College; M.S., University of Bridgeport; M.L., Long Island University, C.W. Post; J.D., Touro College

DONNA SERRANO, Professional Assistant II - Financial Aid

B.A., M.S., Dowling College

PADMA SESHADRI, Associate Professor of Biology

A.S., State University of New York: Suffolk County Community College; B.S., Long Island University; C.W. Post Campus; M.S., Ph.D., St. John's University

BRUCE SESTO, Associate Professor of English

B.A., M.A., Long Island University; C.W. Post Campus; Ph.D., State University of New York at Stony Brook

MARYA SHEPHERD, Associate Professor of Library Services

B.A., Indiana University; M.S., Long Island University; C.W. Post Campus; M.L.S., Long Island University; Palmer Graduate School of Library Science

GAYLE SHERIDAN, Media Services / Professor

A.A.S., State University of New York: Suffolk County Community College; B.F.A., M.A., New York Institute of Technology; M.S., Long Island University; C.W. Post Campus

EUGENE SILBERSTEIN, Assistant Professor of HVAC

B.A., City University of New York: City College; M.S., State University of New York at Stony Brook

JEFFREY SILVERSTEIN, Professor of English

B.A., Adelphi University; M.A., Ph.D., Harvard University

MICHAEL SIMON, Associate Professor of Construction Technology

B.S., Virginia Polytechnic Institute; M.S., Polytechnic University; P.E.

VICTORIA SINACORI, Professional Assistant I - Library Services

B.A., Pratt University

PETER SMITH, Associate Professor of Biology

A.S., State University of New York, Suffolk County Community College; B.S., State University of New York, Plattsburgh; B.S., D.P.T., State University of New York, Stony Brook

PHOEBE T. SMITH, Associate Professor of Biology

B.A., University of Kansas; M.S., Ph.D., University of Connecticut: Storrs Campus

TAT SANG SO, Assistant Professor of English

B.A., Middleburg College; M.A., Ph.D., University of Dallas

ANTONINA SPAETH, Professional Assistant II - Continuing Education

A.S., Suffolk County Community College; B.S., State University of New York at Stony Brook; M.B.A., Dowling College

CECILIA SPELLMAN FREY, Associate Professor of Criminal Justice

A.A., State University of New York at Farmingdale; B.A., Long Island University; C.W. Post Campus; J.D., St. John's University

TERESA SPILLETT-MCKAY, Professional Assistant II - Career Services

A.A.S., State University of New York: Suffolk County Community College

CARL SPONHEIMER, Specialist - Physical Science

A.S., State University of New York: Suffolk County Community College; B.S., Dowling College; M.A., Adelphi University

ERNST STAR, Associate Professor of Communications / TV / Radio / Film

B.A., Adelphi University; M.A., Temple University

MEREDITH STARR, Instructor of Visual Arts

B.S., New York University; M.S., Dowling College; M.F.A., Long Island University; C.W. Post Campus

ANDREW STONE, Specialist I - Information Technology

A.S., State University of New York: Suffolk County Community College; B.A., Keene State College; M.S., Boston University

CHRISTINA STOSS, Counselor / Assistant Professor

B.A., St. John's University; M.S., Hofstra University

MIN SU, Specialist, Title III

B.A., M.A., Beijing International Studies University; Ph.D., Pennsylvania State University

MARY PAT O. TAKACS, Associate Professor of Library Science

B.S., Creighton University; M.S.L.I.S., Long Island University; Palmer School of Library and Information Science; M.S., University of Michigan

SHIVERNE TALIEFERO, Assistant Professor / Counselor

A.S., State University of New York: Suffolk County Community College; B.A., State University of New York at Stony Brook; M.S., Long Island University; C.W. Post Campus

THOMAS TARTAGLIA, Associate Professor / Counselor

B.S., State University of New York at Oneonta; M.S., Long Island University; C.W. Post Campus

- BRENT D. THOMPSON, Instructor of Automotive Technology
B.S., Azusa Pacific University
- JILL K. THORNTON, Assistant Professor of Nursing
B.S., Molloy College; M.S., State University of New York at Stony Brook
- MICHAEL J. TIANO, Associate Professor of Mathematics
B.S., University of Oregon; M.S., Long Island University; C.W. Post Campus
- JANET TIERNEY, Specialist I - Science
B.S., State University of New York at Stony Brook; M.S., Dowling College
- ALICE TOBIN, Associate Professor of Nursing
B.S. Dominican College; M.S. State University of New York, Stony Brook
- ELIZABETH A. TOMLET, Associate Professor of Physical Education
B.S., State University of New York at Cortland; M.S., City University of New York: Queens College
- GISELLE A. TORRES, Professor/Counselor
B.S., M.S.W., Adelphi University
- MICHAELANN TOSTANKOSKI, Professor of Visual Arts
B.F.A., State University of New York at Old Westbury; M.F.A., City University of New York: Hunter College
- AUDREY TRACHTENBERG, Professional Assistant I - Legal Affairs
- PAUL A. TURANO, Professional Assistant I - Library Services
B.S., St. John's University
- FILIZ TURHAN-SWENSON, Associate Professor of English
B.A., M.A., Ph.D., New York University
- JUSTIN TURNER, Assistant Professor of History
B.A., Hampden-Sydney College; M.A., Ph.D., University of Alabama
- REBECCA TURNER-WALLACE, Professor of Library
A.A.S., State University of New York at Farmingdale, B.A., Dowling College; M.S., Long Island University: Palmer School of Library and Information Science
- SEAN TVELIA, Associate Professor of Physical Science
A.S., State University of New York: Suffolk County Community College; B.S., State University of New York at Oneonta; M.S. State University of New York at Stony Brook
- CHRISTOPHER TYSON, Professional Assistant - Corporate Training Center
- FRANK VALENZISI, Assistant Professor of Veterinary Science
A.A.S., State University of New York: Farmingdale; D.V.M., Ohio State University
- JULIE VAN NOSTRAND, Instructor/Counselor
B.A., Hofstra University; M.S., New York Institute of Technology; P.D., Hofstra University
- TANIA VELAZQUEZ, Counselor / Associate Professor
A.S., State University of New York: Suffolk County Community College; B.S., State University of New York at Geneseo; M.S., State University of New York at Stony Brook
M.S.W., State University of New York at Stony Brook
- MARYANN VERDOLINO-VAN AALTEN, Instructor/Counselor
A.S., State University of New York: Nassau County Community College; B.S., State University of New York at Farmingdale; M.S., Long Island University: C.W. Post Campus
- FRANK J. VINO, Counselor-Campus Activities; Associate Professor
B.A., St. Joseph's College; M.S., Long Island University: C.W. Post
- JOSEPH VOLLARO, Professor of Psychology
B.S., State University of New York: Empire State College; M.A., Ph.D., City University of New York: Queens College
- DEBRA WAKEFIELD, Professor of Computer Science
B.P.S., M.S., Long Island University: C.W. Post Campus
- ROBERT WALKER, Professor of Chemistry
A.A.S., State University of New York: Nassau County Community College; B.S., Hofstra University; Ph.D., St. John's University
- ZHONG WANG, Assistant Professor of Chemistry
B.S., Ph.D., University of Science and Technology of China
- ERIC A. WEINSTEIN, Associate Professor of Business Administration
B.S., Georgetown University; M.B.A., Duke University
- ROBERT WEINSTEIN, Professor of Accounting
B.S., M.B.A., University of Rochester; C.P.A., New York State
- MELANIE WEINSTEIN-ZEOLLA, Instructor of Reading
B.A., M.S., Hofstra University; Certificate of Advanced Study in Literacy Studies
- MICHAEL WEISSBERG, Professor of Psychology
B.A., City College of New York; M.A., Ph.D., University of Texas at Austin
- REYNOLD WELCH, Professor of Biology
B.A., Vanderbilt University; M.S., Florida State University

FULL-TIME FACULTY AND INSTRUCTIONAL STAFF

JAMES WERNER, Professional Assistant I -
Computer Center

B.S., State University of New York at
Farmingdale; M.S., Clarkson University

NORMAN WEST, Professor of Social Science/
History

B.S., United States Coast Guard Academy;
M.A., Boston University

STACEY WHITMAN, Assistant Professor of
Physical Education

B.S., M.A., Adelphi University

RALPH WILLIAMS, Associate Professor of
Music

Mus. B., Oberlin College Conservatory of
Music; Mus. M., Yale University; Diploma,
Mozarteum, Salzburg, Austria

ANTHONY P. WILSON, Professional Assistant
II - Computer Support Services

A.A.S., State University of New York: Suffolk
County Community College; B.S., Ohio
University; M.S., Capitol College

VINCENT WINN, Professional Assistant I -
Culinary Arts

A.O.S., Culinary Institute of America

HELENE WINSTANLEY, Associate Professor of
Nursing

A.A.S., State University of New York: Suffolk
County Community College; B.S., M.S., State
University of New York at Stony Brook;
A.N.P.C.; Nurse Practitioner in Adult Health;
C.C.R.N.

KENNETH WISHNIA, Professor of English

B.A., Brown University; Ph.D., State
University of New York at Stony Brook

DANIEL A. WISHNOFF, Associate Professor of
History

B.A., University of California at Berkeley;
M.A., Hunter College; Ph.D., City University
of New York

HELEN WIST, Professor of Nursing

B.S., M.S., Adelphi University; M.S., State
University of New York at Stony Brook; R.N.

ANDREW WITTKAMPER, Professor of Theatre

A.S., B.A., Indiana University; M.F.A.,
University of Massachusetts

KAREN M. WOLF, Professor of
Communications

B.S., M.A., Syracuse University; Ph.D.,
University of Massachusetts at Amherst

DEBORAH WOLFSON, Associate Professor of
Mathematics; Excelsior Program Liason

B.S., State University of New York at Buffalo;
M.S., Adelphi University

JOSHUA WOLFSON, Instructor of Physical
Education

B.S., M.S., Hofstra University

GARY R. WOOD, Associate Professor of
Culinary Arts

B.S., The Pennsylvania State University;
CHE, CMP

SUSAN WOOD, Instructor of Library Science

B.A., University of Oklahoma; M.A.,
Oregon State University; M.S., University of
Tennessee

JANE-MARIE WRIGHT, Professor of
Mathematics

B.S., Purdue University; M.S., State
University of New York at Stony Brook;
M.A., Hofstra University

CATHERINE WYNNE, Specialist II -
Institutional Effectiveness

A.A.S., State University of New York: Suffolk
County Community College; B.A., M.A.,
State University of New York at Stony Brook;
Ph.D., New York University

YUET YEN, Professor of Mathematics

B.S., City University of New York: City
College of New York; M.A., Columbia
University

BRIDGET P. YOUNG, Associate Professor of
Mathematics

B.S., State University of New York at
Fredonia; M.S., State University of New York
at Stony Brook

ANTHONY ZAJAC, Associate Professor of
Health, Wellness and Physical Education

B.S., State University of New York at
Cortland; M.S., City University of New York:
Queens College

CRAIG ZEOLLA, Professional Assistant I -
Physical Education

B.A., Springfield College; M.A., Touro
College

YINGFAN ZHANG, Professor of
Communications

B.A., M.A., Peking University; M.A.,
Bloomsburg University; Ph.D., Rensselaer
Polytechnic Institute

YU ZHANG, Instructor of Chemistry

B.S., Jilin University, China; Ph.D., State
University of New York at Stony Brook

MATTHEW J. ZISEL, Counselor-Honors
Program; Assistant Professor of Sociology and
Psychology

B.A., Hofstra University; M.S., Ed.D., Hofstra
University; CAS, Long Island University

MATTHEW B. ZUKOSKY, Associate Professor
of EMT

B.A., State University of New York at
Plattsburgh; M.A., State University of New
York at Stony Brook

CRAIG ZEOLLA, Professional Assistant I -
Physical Education

B.A., Springfield College; M.A., Touro
College

YINGFAN ZHANG, Professor of
Communications

B.A., M.A., Peking University; M.A.,
Bloomsburg University; Ph.D., Rensselaer
Polytechnic Institute

YU ZHANG, Instructor of Chemistry

B.S., Jilin University, China; Ph.D., State
University of New York at Stony Brook

MATTHEW J. ZISEL, Counselor-Honors
Program; Instructor of Sociology and
Psychology

B.A., Hofstra University; M.S., Ed.D., Hofstra
University; CAS, Long Island University

MATTHEW B. ZUKOSKY, Associate Professor
of EMT

B.A., State University of New York at
Plattsburgh; M.A., State University of New
York at Stony Brook

Professors Emeriti

Joan Anderson, Nursing

William G. Anderson, History

Michele Aquino, English

Peter Arcario, Humanities

Robert L. Arrigon, Philosophy

Maryanne Barry, English

Giuseppe Battista, Foreign Language

Lloyd Becker, English

Bradford Boyer, Biology

James Brennan, Health Careers

Evelyn Brodbeck, Mathematics

John Burgess, Physical Education

James Canniff, Business Administration

Tak Tow Chen, Economics

Phillip L. Chirch, Communications

Vincent Clemente, English

Cheryl Coffey, Reading

William F. Connors, Jr., Counseling/Business

Paul M. Cooke, Mathematics

Donald Coscia, Mathematics

George Cosgrove, Mechanical Technology

Mary Cosley, Nursing

Aurelea Curtis, Math

John S. Dempsey, Criminal Justice

Daniel B. DePonte, Associate Dean of Students

Ruth DeStefano, Business Administration

Robert deZorzi, History

Grace Dolan, English

Frederick W. Drewes, Biology

Vito W. Easparro, Mechanical Technology

Lawrence Epstein, English

Eugene Farry, Physical Education

Cecile Forte, Associate Dean of Academic Affairs

George Frost, Economics

Frank Gammardella, Accounting

Joan Garnar, Nursing

Donald Gilzinger, English

Marilyn Goodman, Communications-Theatre

Sheldon Gordon, Mathematics

Caroline Gould, Psychology

Carolyn Gramling, Reading

Charles Grippi, English

Laura Hackett, English

John Harrington, VP/Administration

Harry Hauser, Mathematics

Mike Hawryluk, Physics

Peter M. Herron, Mathematics

Richard P. Hession, Physical Education

Darrell Hilliker, Business Administration

George J. Hiltner III, Counseling

William C. Hudson, Mathematics

Marcia Jefferson, Library Science

Leonard Johnson, Director of Library

Richard Johnson, Theatre

Paul Kaplan, Psychology

Frances M. Kelly, Library Service

Dorothy Kinder, Accounting

Donald Kisiel, Biology

Corita Kong, History

Jeffrey Koodin, Physical Education

Judith Koodin, Student Services

Frances LaFauci, Nursing

Salvatore J. La Lima, Business Administration

Hilda Lang, Library Services

Henri LeClerc, Accounting

Shirley Levitt, Library Services

Carmie Ann Perrotta Lewis, Biology

Stephen Lewis, English

Anthony Liano, Data Processing

Anne Louthan, Associate Dean of Instruction

William Lowen, Biology

Dorothea M. Lunarwomon, Psychology /
Anthropology

John Malskis, Mathematics

Randolph Manning, Social Science

Nicholas Marino, Foreign Languages

Ralph B. Maust, Earth and Space Science

Raymond A. McCartney, Mathematics

Regina McEaney, Library Services

Grace McGorry, Placement

Morton Mecklosky, Mathematics

Merilyn Merenda, Communications

David E. Miller, Communications-Theatre

Adele D. Mitchell, Nursing

Mildred Ruth Murphy, English

David I. Nolan, Mathematics

Harriette T. Novick, Communications/Theatre

Maureen O'Grady, Mathematics

Theresa O'Reilly, Nursing

Richard L. Paul, Mathematics

William Pease, Electrical Technology

B. Wayne Pevey, Theatre

Naomi Phelps, Student Services

Laura Provenzano, Library Services

John Pryputniewicz, Health Careers

Charles E. Reilly, Accounting
 Gerald Reminick, Library
 Richard Richards, Mechanical Technology
 Barbara Ripel, History
 Douglas M. Robbins, Health Careers
 Linda S. Roche, Physical Education
 David Ross, Physical Education
 Linda Sabatino, Biology
 Arthur W. Sanders, Office Administration
 Ivan Sanders, English
 Maria Santalla, Foreign Languages
 Jack Schanfeld, Social Sciences
 Sy M. Shaffer, Music
 Marjorie Sherwin, Health Careers
 Eliot Silverman, Mathematics
 Ely Silverman, Speech–Theatre
 Walter Smith, Marine Science
 Eileen Specht, Nursing
 Robert Stone, Biology
 Doris G. Stratmann, Social Sciences
 Judith Taxier-Reinaur, Counseling
 James E. Walker, Jr., Health Careers
 Robert Warasila, Physical Sciences
 William Welch, Director of Business Affairs
 Rainer Weschke, Engineering / Electrical
 Technology
 Jian Zhang, Reading

Recipients of State University of New York Chancellor's Awards for Excellence

Sarah Acunzo, Teaching, 2010
 Anna Aliotta-Flack, Professional Service, 2004
 Joan Anderson, Teaching, 2009 (retired)
 Michele Aquino, Teaching, 1998 (retired)
 Robert L. Arrigon, Teaching, 1975 (retired)
 Linda E. Barber, Teaching, 1996
 Maryanne T. Barry, Teaching, 1997 (retired)
 Charles Bartolotta, Professional Service, 2005
 Penny Bealle, Librarianship, 2008
 Lloyd G. Becker, Teaching, 1973 (retired)
 Kathryn Benjamin, Teaching, 1995 (retired)
 Robert Beodeker, Professional Service, 2001
 Alan J. Bernstein, Faculty Service, 2006
 John Bockino, Teaching, 2003
 Mary Ann Borrello, Teaching, 1975
 Diane Bosco, Teaching, 2001
 Thomas Bovino, Professional Service, 2011
 Craig Boyd, Scholarship and Creative Activities,
 2005
 Connell J. Boyle, Teaching, 1977 (retired)
 David Brenner, Teaching, 2001 (retired)
 Beverly R. Broomell, Teaching, 2002 (retired)
 Maureen G. Bybee, Teaching, 1995
 James Byrne, Creative Activities, 2007
 Gary P. Campbell, Teaching, 1998
 Mario Caprio, Teaching, 1976 (retired)
 Dorothy M. Chanin, Professional Service, 2000
 (retired)
 Elizabeth Chu, Teaching, 2005

Maureen A. Clinton, Teaching, 2001
 Albin J. Cofone, Professional Service, 1983
 Donald R. Coscia, Teaching, 1976 (retired)
 Mary Crosley, Teaching, 1996 (retired)
 Christine Crowe, Professional Service, 2008
 Susan DeMasi, Librarianship, 2009
 Theresa Dereme, Professional Service, 2013
 Betty Deroski, Teaching, 1996 (retired)
 Celeste DeSario, Teaching, 1996
 Peter DiGregorio, Professional Service, 2005
 Grace Dolan, Teaching, 1977 (retired)
 Cynthia Eaton, Teaching, 2003
 Lawrence J. Epstein, Teaching, 1995 (retired)
 Susan Fanning, Teaching, 2009
 Donald R. Ferruzzi, Teaching, 1998
 Ronald A. Feinberg, Teaching, 2000
 Candice Foley, Faculty Service, 2007
 Kevin Patrick Foley, Teaching, 2004
 Josephine A. Freedman, Teaching, 1997 (retired)
 James Fulton, Teaching, 2009
 Joyce Gabriele, Librarianship, 2005
 Jodi Gaete, Faculty Service, 2010
 Carole Gambrell, Librarianship, 1997 (retired)
 M. Bernadette Garcia, Professional Service, 1995
 Joan D. Garnar, Professional Service, 1996
 (retired)
 Michael T. Gerien, Teaching, 2002 (retired)
 Debra Ann Gerrie, Professional Service, 2010
 Scott Giaccone, Teaching, 2013
 Daniel Giancola, Teaching, 2001
 Dan Gilhooley, Professional Service, 1996, and
 Teaching, 2006
 Cheryl Ann Gillespie, Teaching, 1997
 Donald M. Gilzinger, Jr., Teaching, 2004 (retired)
 Mahin Gosine, Teaching, 2007
 Caroline A. Gould, Teaching, 1995 (retired)
 Russell Gusack, Teaching, 1995
 Charles S. Grippi, Teaching, 1975 (retired)
 Marie Hanna, Teaching, 2009
 Edward Hassildine, Professional Service, 2012
 Lars Hedstrom, Jr., Teaching, 2005
 Peter Herron, Teaching, 1975 (retired)
 George J. Hiltner III, Professional Service, 1978
 (retired)
 Kerry Hoffman, Teaching, 2008
 Virginia Horan, Teaching, 2012
 Mary Anne Huntington, Professional Service,
 1996 (retired)
 Allen Jacobs, Professional Service, 2003
 Richard Johnston, Professional Service, 2007
 Lauri Hutt Kahn, Teaching, 2007
 Eileen Kamil, Teaching, 1995
 Paul Kaplan, Teaching, 1996 (retired)
 Regina Keller, Teaching, 2004
 Donald S. Kiesel, Teaching, 2000 (retired)
 Lowell Kleiman, Professional Service, 2001
 Steven C. Klipstein, Teaching, 2001
 Ruth M. Kolk, Teaching, 2003
 Judith Koodin, Professional Service, 2002
 (retired)

John William Kulkosky, Teaching, 2004
 Frances F. LaFauci, Teaching, 2000 (retired)
 Dorothy J. Laffin, Faculty Service, 2005
 Steven Lantz-Gefroh, Teaching, 2008
 Laura Levine, Classified Service, 2010
 Marilyn J. Levine, Teaching, 1998 (retired)
 Carmie Ann Perrotta Lewis, Teaching, 1996
 (retired)
 Samuel Ligon, Teaching, 2003
 Laurette Lizak, Teaching, 2011
 Carol Longo, Librarianship, 1997 (retired)
 Faye Lourenso, Faculty Service, 2012
 S. Arthur Lundahl, Professional Service, 2005
 Elisa A. Mancuso, Teaching, 2001
 Scott Mandia, Teaching, 1997
 Marianne McAuley, Teaching, 2002
 Marilyn McCall, Teaching, 2004
 Charles L. McCarthy, Jr., Teaching, 2000
 Kevin McCoy, Librarianship, 2000
 Carol A. McGorry, Teaching, 2004
 Grace McGorry, Professional Service, 1979
 (retired)
 Lisa Melendez, Librarianship, 2007
 Anne Menendez, Professional Services, 2009
 Ana Menendez-Collera, Teaching, 2009
 Mary Ann Miller, Professional Service, 2011
 Christine Misener, Teaching, 1997 (retired)
 Richard Mizdal, Teaching, 2005
 Anamaria Monaco, Teaching, 2012
 Anthony R. Napoli, Professional Service, 1998
 Sharon Niggemeier, Teaching, 2011
 Harriette T. Novick, Teaching, 1973 (retired)
 Linda O'Connell, Teaching, 2000 (retired)
 June Ohrnberger, Professional Service, 2007
 Susan Orlando, Professional Service, 2011
 Sofia C. Papadimitriou, Professional Service,
 1997
 Dorothy Patrick, Professional Service, 1998
 (retired)
 Kathryn R. Payette, Professional Service, 2004
 Nancy A. Penncavage, Teaching, 2004
 Kevin Peterman, Faculty Service, 2005
 Naomi D. Phelps, Professional Service, 2003
 (retired)

Elaine P. Preston, Teaching, 1979 (retired)
 John Pryputniewicz, Faculty Service, 2008
 Mohini Ratna, Professional Service, 2011
 Raymond J. Reardon, Sr., Professional Service,
 2006
 Dennis Reissig, Professional Service, 2004
 Barbara D. Ripel, Teaching, 1998 (retired)
 Maria Alzugaray Rodriguez, Teaching, 2013
 Kathie Ann Rogers, Teaching, 2006
 Robert Rovegno, Teaching, 2007
 Linda Ann Sabatino, Teaching, 1997 (retired)
 Arthur W. Sanders, Teaching, 1997 (retired)
 Jean Ann Scharpf, Teaching, 1998 (retired)
 Jay Schwartz, Librarianship, 1996
 Timothy R. Sebesta, Professional Service, 2003
 Jane Shearer, Professional Service, 2012
 Gayle Sheridan, Professional Service, 1998
 Victoria Siegel, Teaching, 2007
 Jeffrey R. Silverstein, Teaching, 1996
 Sharon Silverstein, Professional Service, 2012
 Linda Sprague, Professional Service, 2006
 Gerald Speal, Teaching, 1983 (retired)
 Douglas Steele, Professional Service, 1981
 (retired)
 Robert J. Stone, Teaching, 1997 (retired)
 Ronald Surprenant, Teaching, 1976 (retired)
 George Tvelia, Professional Service, 2009
 Betty M. Tobias, Teaching, 1997 (retired)
 Michaelann Tostanoski, Faculty Service, 2011
 Eric Weinstein, Teaching, 2010
 Robert M. Weinstein, Teaching, 1978
 William Welsh, Professional Service, 2007
 (retired)
 Andrew Wittkamper, Creative Activities, 2009
 Helen A. Wist, Teaching, 2002
 Deborah Wolfson, Teaching, 2009
 Jane-Marie Wright, Teaching, 2006
 Jian Zhang, Professional Service, 2002 (retired)

Recipient of State University of New York Distinguished Professor Rank

S. Arthur Lundahl, Service, 2008

Adjunct Faculty and Instructional Staff*(Fall 2013 - Spring 2015)***A**

Joseph Abelson, Instructor, Mathematics
 Sameera Abeykoon, Instructor, Physics
 Michael Acampora, Assistant Professor, Accounting
 Robin Acerra, Associate Professor, Biology
 Andrea Acerra-Colletta, Instructor, Early Childhood Development
 Stephen Acquaro, Professional Assistant I, Biology
 Richard Acritelli, Instructor, History
 James Adamski, Instructor, Chemistry
 Bertha Adeniji, Instructor, Liberty Partnership
 Rakhi Agarwal, Instructor, Biology
 Michael Agostino, Instructor, Student Affairs
 John Agria, Professor, Political Science
 Susan Aiello, Assistant Professor, English as a Second Language/College Seminar
 Darlene Aiken, Instructor, Foreign Language
 Russell Ainbinder, Professional Assistant II, Earth and Space Science
 Anna Aiuto, Professional Assistant I, Educational Technology Unit
 Linda J. Aiuto, Assistant Professor, English as a Second Language/Reading
 Olaolu Akande, Assistant Professor, Communications
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B

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 Johanna Boutcher, Professional Assistant I, Educational Technology Unit
 Karen Boyce, Professional Assistant I, Educational Technology Unit
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 Eileen Boylston, Professional Assistant II, Biology
 Gregory C. Bracco, Professional Assistant I, Radio and Television
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John Bradley, Professional Assistant I, Academic Computer Lab

Craig Brand, Professional Assistant I, Biology

Philip Branigan, Instructor, Criminal Justice

Stephen Braslow, Instructor, Criminal Justice

Pietrina Bravata, Instructor, Nursing

Gail Braverman, Professor, English

Jeannette Bravo, Professor, Business/College Seminar

April Brazill, Instructor, Library

Liz Brecht, Instructor, Spanish

John Bredemeyer, III, Professional Assistant II, Biology/Marine Biology

Catherine Brennan, Instructor, Communications

Christopher Brennan, Assistant Professor, Fire Science

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Mark W. Brenner, Instructor, Health Careers

Alicia Lauren Brienza, Instructor, English

Lois Bressler, Professional Assistant II, Reading

Douglas Brett, Instructor, Music

Laurel Brett, Assistant Professor, English/Humanities/Women Studies

Anthony Brienza, Instructor, English

Paulette Brinka, Instructor, Communications/College Seminar

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Danielle Brooks, Instructor, History

David Brooks, Instructor, Music

Michael Brostowski, Instructor, Physical Education

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Diana Brown, Associate Professor, Nursing

Eric Brown, Professional Assistant I, Central Receiving

Jeffrey Brown, Professional Assistant I, Mathematics

Rosemary Brown, Instructor, English

William Brown, Professional Assistant I, Academic Computer Lab

William T. Brown, Assistant Professor, Business

Bernard Bruen, Assistant Professor, Mathematics

Lewis Brunner, Assistant Professor, English/Humanities

Sally Bruno, Instructor, American Sign Language

Amber L. Bryant, Instructor, English

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Carol Bucicchia, Professional Assistant I, Academic Affairs

James Buchwalter, Instructor, Communications

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Patricia Buehrle-Johnson, Instructor, Student Affairs

Daniel Bullock, Professional Assistant II, Chemistry/Biology

Lance Bullock, Professional Assistant I, Biology

Maria Bune, Assistant Professor, Nursing

Walter R. Burak, Assistant Professor, Marine Biology

Deborah Burden, Professor, Counseling

John Burgess, Professor, Physical Education

Mark Burkhalter, Professional Assistant, Radio and Television

MaryJane Burner, Instructor, English

Roberta Burns, Professional Assistant I, Business Services

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Gregory Bush, Professor, Economics/Social Science

Patricia Butera, Instructor, Nursing

Craig Butler, Assistant Professor, Italian

Elizabeth Buzash-Pollert, Assistant Professor, Biology

Sari Byrd, Professor, Psychology/Sociology/Anthropology

C

Maryann Cabrera, Professional Assistant I, Mathematics

Scott Cacciabauda, Professor, Business Law

Lisa Cadena, Professional Assistant I, Biology

Deborah Cafiso, Professional Assistant I, Academic Computer Lab

Dennis J. Caine, Assistant Professor, Criminal Justice

Jonathan Caiola, Professional Assistant, Academic Skills

Monique Calabro, Professional Assistant II, Biology/College Seminar

Mary Ellen Calitri, Assistant Professor, Biology

Thomas A. Calo, Professional Assistant, Visual Arts/Academic Skills

Thomas Calogero, Assistant Professor, English

Ryan Calvey, Professional Assistant II, English

Ritchie Calvin, Professor, English/Humanities

William Calvo, Instructor, Mathematics

Devin Camenares, Instructor, Biology

Roger H. Cameron, Assistant Professor, Biology

Angela Cammarata, Assistant Professor, Human Services/College Seminar

Fernando Campo, Associate Professor, History/Interdisciplinary Studies

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Carmen Capozziello, Instructor, Academic Affairs

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Computer Science/Information Technology

Craig Capria, Instructor, Engineering Technology

Richard Caputo, Professional Assistant I, Earth and Space Science

Richard M. Caputo, Instructor, English

Douglas Caracappa, Professional Assistant I, Chemistry

Joseph Caracci, Assistant Professor, Criminal Justice

Peter Caradonna, Instructor, Drafting

Vincent Caravana, Instructor, Communications

Catherine Carballeira, Instructor, Sociology

Prudencio Cardines, Jr, Professional Assistant II, Biology

Andrea Carew, Associate Professor, Student Affairs

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 George R. Carlson, Instructor, Reading / College Seminar
 Kerri Carlson, Instructor, Library
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 Patricia Cesario, Assistant Professor, Spanish / French
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 Aura Colon, Instructor, Spanish
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 Nancy S. Corso, Instructor, History
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 Ewa Dabkowska, Instructor, Mathematics
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 Soren F. Dahl, Professional Assistant I, Biology
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 Academic Computer Lab
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 Administrative
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 English as a Second Language
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 Lorraine A. Dreyer, Assistant Professor, Reading /
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 Jessica Dutton, Instructor, Marine Biology / Earth
 and Space Science
 Diane Dvorak, Professor, Business Law
- E**
 Bettye Easley, Associate Professor, Sociology,
 Business
 Emilie Eckert, Professional Assistant, Academic
 Skills
 Matthew Eckhoff, Professional Assistant I, Academic
 Affairs / Honors
 Peter Eckstein, Professor, Physics
 Patricia Eddington, Associate Professor, Humanities
 Richard Edwards, Professional Assistant I, Biology
 Robert Edwards, Assistant Professor, Criminal
 Justice
 Janice C. Efthimiou, Professional Assistant II,
 Biology
 Paula Eglevsky, Assistant Professor, English
 Kathleen Ehrhard, Instructor, College Seminar
 Nina Ehrlinger, Instructor, English

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 Adam Eidelman-Baum, Professional Assistant,
 Academic Computer Lab
 Lisa Eisenberg, Instructor, Health Careers
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 Maryanne Ellinger, Professional Assistant I,
 Academic Computer Lab / Academic Skills
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 Janet Emproto, Assistant Professor, Mathematics
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 Melissa Erickson, Professional Assistant I, Title III
 Michael J. Erickson, Instructor, Physical Sciences
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 Frances Esposito, Assistant Professor, Reading/
 College Seminar
 John Esposito, Instructor, Fire Science
 Joseph Esposito, Assistant Professor, Mathematics
 Geraldine Ann Evans, Instructor, Nursing

F
 Jonathan Fabricant, Assistant Professor, Visual Arts
 Stuart N. Fader, Professor, Psychology
 Renee Faibish, Instructor, Mathematics
 Angela Falco, Professional Assistant, Culinary
 Frank Fallace, Assistant Professor, Spanish/Italian
 Victor Farfan, Professional Assistant I, Center for
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 Michelle Fernandez, Professional Assistant I,
 Writing
 Jonathan J. Ferrante, Assistant Professor, History
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 Kelliann Flores, Assistant Professor, Humanities/
 Spanish
 Marco Flores, Professional Assistant I, Center for
 Academic Excellence
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 Seminar
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 Business/Counseling/College Seminar
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 Language, English as a Second Language
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 Education/College Seminar
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 Academic Excellence
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Brewster Gottsch, Associate Professor, Biology / Marine Biology
 Jean Ann Gottsch, Assistant Professor, Communications
 Caroline Gould, Professor, Psychology
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 Alexis Govin, Instructor, Sociology
 Justin Grabel, Professional Assistant, Marine Biology
 Megan Grabowski, Instructor, Reading
 Krystal Grant, Instructor, Music
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 Terry L. Greene, II, Instructor, Music
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 Suman Grewal, Instructor, Chemistry
 Pola Griego, Assistant Professor, Sociology / College Seminar
 David Griffin, Instructor, Drafting
 Mary Griffin, Instructor, Physical Sciences
 Cynthia Grimley, Professional Assistant II, Academic Computer Lab
 Donald Gronachan, Assistant Professor, Physical Education
 Jay Gross, Assistant Professor, Mathematics
 S Arthur Gross, Professional Assistant II, Mathematics
 Sylvia Grossbach, Professional Assistant I, Academic Computer Lab
 Joseph Grossi, Assistant Professor, Spanish
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 Tamara Gurevich, Instructor, Economics
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 Kent Gustavson, Instructor, Humanities / Geography
 Maria C. Gutierrez, Professional Assistant I, Academic Skills
 Laurie Guttenberg, Assistant Professor, Communications
 Paul M. Guzzardo, Jr., Professional Assistant I, Mathematics

H

Xiao Ping Ha, Instructor, Chinese
 Robert Haack, Assistant Professor, Criminal Justice
 Robin Haas, Assistant Professor, Reading / College Seminar
 Glenn Habibi, Professional Assistant I, Chemistry
 Susan Hackett, Instructor, Culinary

Nancy Haefeli, Assistant Professor, English / College Seminar
 Bakhkavar Hagedorn, Assistant Professor, Mathematics
 Maria Hallahan, Instructor, College Seminar / Reading
 Lois Halpin, Assistant Professor, Nursing
 Michelle Ann Hamilton, Instructor, Biology
 Ronish Hamilton, Instructor, Psychology
 Christina Hamm, Instructor, Geography
 Adam Handburger, Instructor, Student Affairs
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 John Hanham, Associate Professor, Computer Science / Mathematics
 Patricia Hanham, Professor, Computer Science
 John Hanley, Instructor, Mathematics
 Richard M. Hanley, Assistant Professor, Criminal Justice
 David Hannigan, Assistant Professor, History / English
 Jerelyn M. Hanrahan, Instructor, Visual Arts
 Frank A. Hansen, Associate Professor, Music
 Joyce Hansen / Instructor, College Seminar
 Ping Hao, Professional Assistant I, Biology
 Jeanne Harmer, Instructor, Nursing
 Alex James Harnos, Instructor, Psychology
 Candida Harper, Assistant Professor, English as a Second Language
 Susan Harper, Instructor, English
 Shelby Harper-Hankerson, Instructor, Reading
 Thomas Harper, Instructor, Physical Education
 Philip Harrington, Assistant Professor, Earth and Space Science
 Brian C. Harrison, Instructor, Automotive Technology
 Lynette Harry-Rutherford, Instructor, Nursing
 Kymberly M. Harvell, Assistant Professor, Nursing
 Caitlin Harvey, Professional Assistant I, Admissions
 Mary R. Harwood, Assistant Professor, Nursing
 Thomas Hasiotis, Professor, Mathematics
 Tabbethia S. Haubold, Professional Assistant I, Veterinary Science
 Jessica Hautsch, Instructor, English
 John Hawke, Instructor, Visual Arts
 Jordon Hay, Assistant Professor, Biology
 James M. Hayes, Instructor, College Seminar
 Sharon Hayes, Assistant Professor / Mathematics
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 Kim Hearney, Instructor / College Seminar / Admissions
 Patricia Hebron, Professor, Nursing
 Christine Hegarty, Assistant Professor, English
 Gary Heil, Instructor, Chemistry
 Erin Heisen-Gonzalez, Instructor, Communications / College Seminar
 Donald Held, Instructor, History
 Ann Helfgott, Assistant Professor, Humanities
 Christine G. Hellberg, Instructor, American Sign Language
 Ute Hellebuyck, Associate Professor, German
 Bruce Heller, Assistant Professor, Computer Science
 Linda Heller, Assistant Professor, Library / Office Technology

- Rebekah Helleman, Professional Assistant I, Culinary Arts
 Beverly Hellman, Professor, Business/Office Technology/Computer Science
 Christopher Hengerle, Instructor, Culinary Arts
 Corey Hennessey, Professional Assistant I, Distance Learning
 Laurie Hennessey, Professional Assistant I, Library/Media Services
 Kimberly A. Henson, Instructor, Reading
 Daveen Herley, Professor, Early Childhood Education
 Mary C. Herrick, Assistant Professor, Psychology
 Rasha Herzalla, Professional Assistant, Culinary
 Andrew Herzman, Professional Assistant, Radio and Television
 Linda Heslin, Associate Professor, Library
 Daniel Hess, Professional Assistant, Visual Arts
 Erik Heuler, Instructor, Engineering/Drafting
 Prithika Hewage, Instructor, Chemistry
 Jennifer Heymach, Instructor, Construction Technology
 Gary Hiel, Instructor, Chemistry
 James Hill, Professional Assistant II, Facilities Support
 Gina M. Hille, Instructor, Business
 Brian Hilly, Instructor, History
 Alfred H. Hilz, Professional Assistant I, Physics
 Mary Hime, Professional Assistant I, Chemistry
 Caryn Himelfarb, Instructor, Culinary Arts
 Kimberly A. Hines, Instructor, English
 Charles Hinrichs, Assistant Professor, Criminal Justice
 Diana Hinton, Professor, Accounting/Computer Science/Business
 Allison Hirsch, Instructor, Psychology
 David Hirschberg, Professional Assistant II, Biology
 Christopher R. Hirx, Professional Assistant I, Biology/Physical Education
 Nga (Ivory) T. Ho, Professional Assistant II, Mathematics
 Patricia Hobson, Instructor, College Seminar/Student Affairs
 Charles Hofmann, Instructor, Mathematics
 Lois I. Hoffman, Associate Professor, Visual Arts
 Justine Hoffmann, Instructor, Biology
 Jennifer Hogan, Professional Assistant II, English
 Fred Holtz, Instructor, Psychology
 Adam Holtzer, Instructor, Physical Education
 Emily Holzer, Professional Assistant I, Computer Science Technology
 Priethika Hewage, Professional Assistant, Chemistry
 Emily Holzer, Professional Assistant II, Computer Science
 Sangeet Honey, Assistant Professor, Biology
 Stephen Hooghuis, Instructor, Computer Science/Information Technology
 John J. Hoolahan, Professional Assistant I, Mathematics
 John Hooper, Assistant Professor, Theatre/Communications
 Lori Hooper, Assistant Professor, Sociology
 Christopher Hopkins, Instructor Music
 Nancy Hormann, Instructor, Nursing
 Fredrick Horn, Professional Assistant II, Biology
 Leonard Horowitz, Professional Assistant I, Mathematics
 Hsiaofang Huang, Instructor, Computer Science
 Patricia Hubbard-Ragette, Instructor, Visual Arts
 Ronald Huetter, Instructor, History
 Ruth Hughes, Instructor, Physical Education
 Geordan Hull, Instructor, Economics
 Cheryl Humsjo, Professional Assistant, Academic Affairs
 Donna Hunter, Instructor, Nursing
 Mary Anne Huntington, Professional Assistant II, Academic Computer Lab/Distance Education
 George Hutchinson, Professional Assistant, Radio and Television
 Michelle H. Hymowitz, Professional Assistant I, Biology
I
 Matthew Iannucci, Instructor, History
 Nereida Ibanez, Professional Assistant, Center for Academic Excellence
 Takafumi Ide, Instructor, Visual Arts
 Joseph Ilardi, Assistant Professor, Student Affairs
 Nicole Imbasciani, Instructor, Nursing
 Prodomos Imprixis, Professional Assistant I, Writing Center
 Anthony Infantino, Assistant Professor, Business
 Jerilyn Ingold, Assistant Professor, Information Processing/Office Technology/Business
 Robert Ingram, Assistant Professor, Accounting
 Susan Inkle, Professional Assistant II, Reading
 Barbara Inners, Assistant Professor, English
 Joseph Inners, Professor, English
 Amy Insana, Instructor, Student Affairs
 Prudence Inzerillo, Professor, Counseling
 William Israel, Assistant Professor, Mathematics
 Leo E. Ivans, Professional Assistant II, Physics/Earth and Space Science/Biology
 James Izzo, Assistant Professor, Mathematics
 Richard S. Izzo, Instructor, Biology
J
 Eugenia Jackolski, Instructor, Health Careers
 Susan Jacobowitz, Associate Professor, English
 Azadeh Jadali, Instructor, Biology
 Mark James, Assistant Professor, Physical Education
 Reine James, Instructor, Nursing
 Krystyna I. Janicka-Wlodek, Assistant Professor, Mathematics
 Kerry A. Janis, Instructor, Interior Design
 Steven Janketic, Professional Assistant, Nursing
 Linnae A. Janky, Instructor, American Sign Language
 Muhammad Jatoi, Professional Assistant I, Academic Computer Lab
 Mohammad Javadi, Professor, Mathematics
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 James Jehle, Assistant Professor, Mathematics
 Christopher Jentsch, Associate Professor, Music
 Brian Jeran, Professional Assistant, Student Support Services
 Matthew Jeran, Instructor, Student Affairs/College Seminar
 Bernadette Jermuysk, Assistant Professor, Mathematics
 Jayne Johnsen-Seeberger, Assistant Professor, Library
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 Teresa Johnson, Instructor, Information Technology
 Christina Johnston, Professional Assistant I, The Learning Center
 Timothy Johnston, Instructor, Humanities
 Kevin Jones, Instructor, Spanish

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Gabriela Jordan, Professional Assistant Center for Academic Excellence

Belkys Jorge, Professional Assistant I, Academic Skills

Vishwas Joshi, Assistant Professor, Chemistry

Patricia Jovic, Instructor, Nursing

Jessica Juhrend, Instructor, English

Nicholas M. Juszczak, Assistant Professor, Psychology

K

Evgeni A. Kabotyanski, Instructor, Physics

Kristen Kagan, Instructor, Physical Therapy

Elinor Kahana, Associate Professor, Visual Arts

Chandrankanthi Kahanda, Associate Professor, Chemistry

Lois Kahl, Instructor, Physical Education/College Seminar

Dorothy Kalsou, Assistant Professor, Interdisciplinary Studies/Music

Pamela Kallimanis, Instructor, English

Eileen Kamil, Professor, English

Diane Kampf, Professional Assistant I, Writing Center

Lisa Kandell, Professional Assistant I, Library

Christopher Kane, Instructor, Philosophy

Yeona Kang, Instructor, Math

Robert Kaplan, Associate Professor, English

Dean Karahalas, Assistant Professor, Music

John Karahalas, Associate Professor, Psychology/College Seminar

Jason Karolak, Instructor, Art

Edwin Karpf, Professional Assistant II, Physics

Marissa Kart, Instructor, Interior Design

Lucy Karwoski, Assistant Professor, Visual Arts

Barbara Karyo, Professor, Visual Arts

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Karen Kassner, Professional Assistant II, Biology

Richard Kassnove, Assistant Professor, Psychology

Michael Kastner, Instructor, English as a Second Language

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Susan W. Kaufman, Instructor, English

Deborah Kaye, Instructor, Mathematics

Michele Keane, Instructor, Reading/College Seminar

Martin Kearney, Professional Assistant I, Biology

Raymond Keating, Instructor, Economics

Debra Keith-Serafy, Associate Professor, Biology

Brian Kelly, Instructor, English

Megan Kelly, Instructor, English

Heidi M. Kelly-Strawgate, Professional Assistant I, Biology

Daniel Kelley, Instructor, Drafting

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Sharon Kelsch, Associate Professor, Nursing

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Kathleen Kennedy, Instructor, English as a Second Language

Scott Kennedy, Instructor, Mathematics

Mark K. Kenny, Associate Professor, Biology

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Joseph Kevles, Assistant Professor, Mathematics

Muhammad Khaliq, Instructor, Physics

Terrie Killoran, Professional Assistant II, Health Careers

Mary Kim, Instructor, Library

Lorraine Kinsley, Instructor, Reading/College Seminar

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Eileen Kirchhoff, Assistant Professor, Mathematics

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Nadine Kissel, Professional Assistant, Culinary Arts

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Chen Kong, Professional Assistant, Center for Academic Excellence

Matthew Konkel, Professional Assistant I, Mathematics

Myrodes Konstantinides, Associate Professor, Philosophy/Interdisciplinary Studies

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 Accounting
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 Mathematics
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 Mathematics
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 Qing Li, Professional Assistant I, Foreign Language
 Ye Li, Instructor, Chinese
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 Suzanne Lieder, Professional Assistant I, Adult
 Learner Program
 Mary Lilienthal, Assistant Professor, Library
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 Gil Link, Instructor, Student Affairs
 Rita J. Link, Professional Assistant I, Nursing
 Rose Link, Instructor, English
 Nicole Lippolis, Instructor, Chemistry
 Elzbieta Litkowski, Professional Assistant I, Center
 for Academic Excellence
 John P. Litkowski, Professional Assistant II,
 Administrative/Center for Academic
 Excellence
 Nicole A. LiVigni, Instructor, Mathematics
 Kelly Ann Lizewski, Instructor, Health Careers
 Melanie Loban, Professional Assistant I, Culinary
 Arts
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Emily Lohmer, Instructor, English
 Adrienne L. Lojeck, Professional Assistant, English
 George Lomaga, Professor, Earth and Space Science
 Margaret Lomaga, Assistant Professor, Earth and Space Science
 Mark Lombardi, Instructor, Biology
 Joseph Lombardo, Professor, Philosophy
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 Bruce J. Long, Instructor, English
 Christopher Long, Instructor, Human Services
 Stephanie Loor, Instructor, Center for Academic Excellence
 Michelle J. Lopes, Professional Assistant I, Reading
 Juan Carols Lopez, Professional Assistant, Visual Arts
 Robert Lopez, Instructor, Sociology
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 Jonathan Lorello, Professional Assistant, Institutional Advancement
 Matthew Lorenz, Instructor, English
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 Antonia Loschiavo, Instructor, Marketing
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 Heather Lotito, Instructor, College Seminar
 Anne Lotito-Schuh, Instructor, English
 Fara Lourenso, Professional Assistant I, Mathematics/Chemistry
 Clarita O. Love, Professional Assistant I, Theatre
 Robert Love, Jr., Associate Professor, Biology
 Jeffrey Lowen, Professional Assistant II, Biology
 Michael F. Lowitt, Assistant Professor, College Seminar
 Monica Lozano, Professional Assistant I, College Seminar
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 Vicki Luckman, Instructor, Physical Education
 Carmen Ludemann, Professional Assistant I, Administrative
 Bryan D. Luff, Professional Assistant, Culinary Arts
 Edward Luhrs, Instructor, English
 Nicole Lui, Professional Assistant I, Stay on L.I. Initiative Program
 Ursula Lukszo, Instructor, English/Humanities
 Chad A. Lupinacci, Instructor, Political Science
 Deborah Lupo-Lyons, Professional Assistant I, Academic Skills
 Karone Luquer, Instructor, History/College Seminar
 Timothy J. Lynam, Instructor, Mathematics
 Agnes Lynch, Instructor, Practical Nursing/Nursing
 Nicole Lyons-McCreary, Instructor, Nursing

M
 Maria Macarle, Professor, Physical Education/College Seminar
 Kathleen A. Macbeth, Professional Assistant I, Academic Computer Lab
 Susan MacDonald, Assistant Professor, Psychology/Physical Education/College Seminar
 Gerardo Mackenzie, Instructor, Biology
 Jennie Magaro, Assistant Professor, Psychology
 William Maddock, III, Instructor, Philosophy
 Kathleen Madigan, Assistant Professor, Library
 Barbara Magid, Professor, Chemistry

Nancy Maggio, Instructor, Nursing
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 William Myers, Instructor, Computer Science / Information Technology

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 Hajra Naeem, Instructor, English
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 Chemistry
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 Robert Novak, Assistant Professor, Mathematics
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 Theresa M. Nugent, Instructor, Chemical
 Dependency Counseling
 Josmara Nunez, Professional Assistant, Career and
 Transfer
 Nancy F. Nunziata, Assistant Professor, Sociology
O
 Tracy A. Oak, Instructor, Photographic Imaging
 Carole O'Brien, Instructor, College Seminar/
 Reading
 Joshua O'Brien, Instructor, Physical Education
 Marie O'Brien, Instructor, Nursing
 Thomas O'Brien, Associate Professor, Biology /
 Marine Biology
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 Deborah O'Connell, Instructor, Nursing
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 SueAnn Orlando-Lundquist, Professional Assistant
 I, Title III
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 Justice
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 Academic Excellence
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 Monika Ozga, Professional Assistant I, English as a
 Second Language
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 Lori Pack, Associate Professor, Business Law
 Cara Pagano, Assistant Professor, Psychology
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 Second Language
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 Accounting/College Seminar

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 Technology
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Q
 Dominick Quartuccio, Professional Assistant,
 English
 Steve Quick, Professional Assistant II, Computer
 Science/Distance Education
 Charlene Quinn, Professional Assistant I, Dietetic
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R
 Iris Rabasca, Professor, Library/English
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 Karen Raffel, Instructor, Psychology
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 Computer Lab
 Debbi Rakowsky, Associate Professor, Psychology/
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 Pamela Rein-Wallman, Professional Assistant I,
 Foreign Language
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 Neysa Robles, Professional Assistant II, Adult
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 Veterinary Science
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 Jo-Anne Romano, Professional Assistant, Academic
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 Computer Lab
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Carlos Sanchez Bonilla, Professional Assistant, Academic Computing Center
 Melissa Sande, Instructor, English
 Colleen Sandford, Instructor, English/French
 Maureen Sandford, Professional Assistant II, English/Writing Center
 Jeanneth Sangurima-Quiles, Instructor, Spanish
 Christina Santiago, Instructor, Sociology
 Debra Santiago, Instructor, Health Information Technology/Medical Records
 Jill Santiago, Instructor, Humanities
 Karen Santino, Professional Assistant II, College Seminar/Academic Computer Lab
 Celia Santorello, Instructor, Mathematics
 Jeffrey G. Santorello, Assistant Professor, Library
 Michael P. Santoriello, Professional Assistant II, Biology/Chemistry
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 Carol Santos, Professional Assistant I, Foreign Language
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Good Samaritan Hospital

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Development, North Shore LIJ Southside
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Laboratory; Alumna

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Alumna

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Properties, LLC; Alumna

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Cooperman; Alumna

Robert Terry, Public Paralegal, Suffolk County
District Attorney's Office; Alumna

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Program, Fashion Institute of Technology

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Brook Photography

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 Mark Evans, J. Petrocelli Contracting, Inc.
 Philip Florie, J. Petrocelli Contracting, Inc.
 James Garrahan, PE, Greenman-Pedersen, Inc.
 Daniel Kelley, R.A., Facilities and Plant Operations, Architectural Design Services, Stony Brook University Medical Center
 Ralph Lapadula, Bove Industries
 Peter Maritato, Academic Chair, Engineering and Industrial Technology; Associate Professor of Electrical Technology, SCCC; Advisory Committee Chair
 Natalie Niemann, Architect, Associate Professor of Architectural Technology, SCCC
 Steve Normandin, PE, The RBA Group
 Tina F. Paris, Architect, Adjunct Professor, SCCC
 Joseph Rettig, RA, BBS Architects and Engineers
 Gerry Rosen, PE, P.W. Grosser Consulting
 Michael C. Simon, P.E., Associate Professor of Construction Technology, SCCC

Cooperative Education and Internships

Sylvia Camacho, Director of Career Services and Cooperative Education, SCCC
 Michael Greve, Information Technology, Brookhaven Memorial Hospital Medical Center
 Ginger LaLumia, Director, Export Compliance, Rothco
 Veronica Miller, Assistant Professor, Humanities Internship, SCCC
 Lenore Paprocky, Holiday Inn Enterprises, Sales Manager
 PO Victoria Seeger, Suffolk County Police Department
 Joseph Storzinger, Ameriprise Financial Advisor

Early Childhood Education

- Mary Cain, Executive Director, Stony Brook Child Care Services, SUNY at Stony Brook
- Darlene Hochman, Advisory Committee Chair, Academic Chair of Education, Health, and Human Services, Professor, Education/Early Childhood, SCCC
- Linda Crispi, Director, Ammerman Campus Children's Learning Center, SCCC
- Joan Rocchetta, Child Care Council of Suffolk, Director of Educational Services, Old Farms School
- Deborah Sweet, Community Programs Head Start Education Coordinator

Emergency Medical Technician: Paramedic

- Robert Delagi, Chief, Prehospital Medical Operations, Suffolk County EMS
- Thomas Lateulere, Chief of Training and Education, Suffolk County EMS
- William Masterton, EMS Division Officer, Suffolk County EMS
- Eric Niegelberg, Director, Emergency Medical Services, University Hospital at Stony Brook
- Matthew B. Zukosky, Advisory Committee Chair; Coordinator of Emergency Medical Care Program; American Heart Association Teaching Center Coordinator; Assistant Professor of Health Careers, SCCC

Engineering Science and Electrical Technology

- Farah Afshar, Assistant Professor of Engineering and Electrical Technology, SCCC
- Richard Biscardi, Senior Project Engineer, Brookhaven National Laboratory
- Angela Chewning, Vice President, Dayton T. Brown, Inc.
- Dominic Ciordullo, Associate Professor, Nassau Community College
- Peter Maritato, Academic Chair, Engineering and Industrial Technology; Associate Professor of Electrical Technology, SCCC; Advisory Committee Chair
- Elaine Merenda, Professor of Engineering and Electrical Technology, SCCC
- Matt Jacobs, Senior Engineer, NARDA Electronics
- Richard Johnston, Professor of Engineering and Electrical Technology, SCCC
- Scott Tierno, Adjunct Professor, Electrical Engineering, State University of New York at Stony Brook

Physical Therapist Assistant

- Chris Carden, PT, Long Island State Veterans Home, Physical Therapy Department
- Karen Devries, PTA, New Interdisciplinary School, Physical Therapy Department

Michelle Gallante, PT, St. Charles Hospital and Rehabilitation Center, Physical Therapy Department

Cheryl Gillespie, PTA Program Coordinator, Professor of Physical Therapy, SCCC; Committee Chair

Kevin Roden, PT, Island Sports Physical Therapy

Denis Wurtz, PTA, Speonk Physical Therapy

Radio/T.V./Film Production

- Alan Bernstein, Assistant Academic Chair and Professor of Radio and Television Production, SCCC; Advisory Committee Chair
- Bryan Butler, Coordinating Producer, MSG Varsity Network
- Vincent Fusco, Executive in Charge of Production, NBC Universal Talk Television
- David Haralambou, President, By Request Productions
- Lauraliz Kujan, Operations Supervisor, Long Island Local Programming, Cablevision
- Kathy Newberger, Director of Business Development, Cablevision Advanced Platforms
- Eileen Shanahan, Area Manager, Long Island Local Programming, Cablevision

Theatre

- Robert Barron, Director
- Joseph Bellber, Production Manager, Hudson Scenic Studio
- Brenda Davita, Actress/Casting Director
- James Davita, Actor/Casting Director
- David Frank, Artistic Director, APT
- Rodney Gorden, Costume Shop Owner
- Edward Haynes, Scenic Designer
- Barrie Ingham, Actor
- Brian MacDevitt, Broadway Lighting Designer
- William Martin, Director
- Deborah Mayo, Actress
- Michael McBride, United Scenic Artists Officer
- Michael McConkey, Television Producer; Alumna
- William Murry, Auto Light Programmer, LD
- Michael Sancinito, Wardrobe Master; Alumna
- Harriette Slaughter, Actress/Producer
- Helen Toth, Alumna, SCCC/Wardrobe Master
- Charles T. Wittreich, Jr., College Director of Theatre, Assistant Professor and Academic Chair of Theatre Arts, SCCC; Advisory Committee Chair
- Evan Yiounas, Yale School Acting Program

EASTERN CAMPUS

Culinary Arts

Richard Freilich, C.E.C., C.C.E., Advisory Committee Chair, Instructor of Culinary Arts, Program Coordinator of Culinary Arts, SCCC

Rich Amster, Assistant Professor of Culinary Arts, SCCC

Michael Bohlsen, President, Bohlsen Restaurant Group

Vicki Colaciocco, Marketing and Business Development Manager, Scotto Brothers

Bryan Deluca, Executive Director, Atlantis Marine World

Andrew Fawcett, Associate Dean Institutional Advancement, SCCC

Monique J. Gablenz, Director, Calverton Business Incubator and Agriculture

Richard C. Guarino, Executive Director, SCCC Foundation

Monica Harbes, Owner, Harbes Farm and Vineyard

Steve Haweeli, President, Wordhampton

George Hirsch, President, Hirsch Media

Nancy Kombert, Chef/Instructor, Wilson Tech

Kevin Lessing, Lessing Food Service

Richard Olsen, Winemaker, Bedell North Fork

John Perry, Owner, A Small Affair Catering

Joel Panagakos, Executive Vice President, J.Kings

Rich Reinwald, Owner, Reinwald's Bakery

Barry Rosenthal, Chef/Instructor, Islip Career Center

Tom Schaudel, Owner Allure, aMano, Coolfish, Jewel, Ross Schaudel Catering

Denise Scidmore, Marketing Manager, SYSKO

Jane Shearer, Associate Dean of Academic Affairs, SCCC

Donna Slalina, Director of Human Resources, Uncle Giuseppe's

Frank Sorrentino, Vice President, SUB-ZERO Group East

Butch Yamali, President, The Dover Group

Dietetic Technician

Joseph Aliano, D.T.R., Assistant Food Service Director, Mather Memorial Hospital; Alumna

Kathy Bernard, M.S., R.D., C.D.N., Instructor of Dietetic Technology, SCCC

Marta Blanco, D.T.R.; Alumna

Terri Brown, D.T.R., Professional Assistant II, Dietetic Technology, SCCC; Alumna

Constance Brown-Riggs, M.S., R.D., C.D.N., C.D.E., Instructor of Dietetic Technology, SCCC

Alexandra Bukocsik-Morris, Food Service Consultant, J. Kings

Elayne Cheslow, M.S., R.D., C.D.N., Instructor of Dietetic Technology, SCCC

Adrienne Colona, M.S., R.D., Nesconset Nursing Center for Rehabilitation; Adjunct Instructor of Dietetic Technology, SCCC; Alumna

Diane Fabian, Academic Chair, Commerce and Health Careers; Professor of Health Information Technology, Eastern Campus, SCCC

Linda Folken, M.S., R.D., Clinical Dietitian, Mather Memorial Hospital; Adjunct Instructor of Dietetic Technology, SCCC

Pamela Frazier, M.P.A., M.S., R.D., Professor of Dietetic Technology (Retired), SCCC

John Krakowski, M.A., R.D., C.D.N., FANS Consultant

Jodi Levine, M.S., R.D., C.D.N., Director, Dietetic Technician Program, SCCC; Associate Professor of Dietetic Technology, SCCC

Aimee Mattiolo, R.D., Clinical Dietitian Veterans Administration Hospital; Adjunct Instructor of Dietetic Technology, SCCC

Patricia Miner, M.S., Ed.D., Director, Didactic Program of Dietetics, Queens College

Michelle Mock, M.S., R.D., C.D.N., Adjunct Instructor of Dietetic Technology, SCCC

Charlene Quinn, D.T.R., Adjunct Professional Assistant I, SCCC; Alumna

Sandy Sarcona, Ed.D., R.D., C.D.N., Internship Director, Long Island University

Ann Silver, M.S., R.D., C.D.N., C.D.E., Adjunct Assistant Professor, SCCC

Janet Sklar, M.S., C.D.N., Director of School Lunch, Bay Shore School District

Suzanne Sullivan, R.D., Clinical Dietitian, Veterans Administration Medical Center; Adjunct Instructor, SCCC; Alumna

Timothy Williams, Healthy Eating Specialist

Graphic Design

Laurey Buckley, SCCC, Advisory Committee Chair, Associate Professor of Graphic Design

Michael Buckley, Art Director, Harborside Press and Interactive; Alumna

Michael Cali, New York Institute of Technology, Publications and Advertising; Alumna

Anthony Catania, Alumna

Julie Clark, Owner, Positive Image Photo and Design

Frank Coppola, Creative Director, Leroy Brown Design; Alumna

Steven Fredericks, Senior Art Director, Bloom Media Creative Group

Keith Groshans, Art Director, Austin and Williams Advertising Agency; Alumna

Faye Lourenso, Academic Chair; Professor of Graphic Design, SCCC

Richard Mack, Assistant Professor of Graphic Design, SCCC

Mark Moritz, Assistant Professor of Computer Art, SCCC
Bernadette Trefilio, Graphic Designer, Trefilio Designs; Alumna

Interior Design

Dorene Bolettieri, Student Chapter Vice President, American Society of Interior Designers
Lisa Borny, Interior Designer, Ethan Allen; Alumna
William Cortes, South Shore Kitchen Design
Mary Farina, Room Service Interior Design; SCCC, Adjunct Instructor, Interior Design
Cindy Foti, Interior Designer; Alumna
Kerry A. Janis, Interior Designer; SCCC, Adjunct Instructor, Interior Design
Laurie Lizak, SCCC, Advisory Committee Chair, Professor of Interior Design
Eileen Owen, Interior Designer, Ethan Allen
Lisa Rose, Student Chapter President, American Society of Interior Designers
Jane Shearer, SCCC, Campus Associate Dean, Academic Affairs, Eastern Campus
Nick Vero, Architect, Adjunct Instructor, Interior Design, SCCC

Suzanne Columbus, R.H.I.T., HIM Consultant
Kristie Del Vecchio, B.S., R.H.I.T., C.C.S., C.T.R., Manager for Jzanus Consulting, Inc.
Tracy D'Ericco, R.H.I.A., Director of Health Management, Southampton Hospital
Christine Edwards, R.H.I.A., Director of Health Information Management, University Hospital at Stony Brook
Diane Fabian, M.B.A., M.S., R.H.I.A., Advisory Committee Chair, Program Coordinator of Health Information Technology Program; Professor of Health Information Technology; Academic Chair, Eastern Campus, SCCC
Rosemarie Garro, R.H.I.T., Manager of H.I.M., Brookhaven Memorial Hospital Medical Center
Barbara Hinkle-Azzara, R.H.I.A., Vice President, HIM Operations, HRS, Coding Elevated
Priscilla Komara, M.B.A., R.H.I.A., C.C.S.-P, C.P.C., Director of Health Information Management, Peconic Bay Medical Center
Deborah Lantz, R.H.I.T., Director of Health Information Management, St. Charles Hospital and Rehabilitation Center
Joanne Parisi, M.L.S., Chief Information Officer, Gurwin Jewish Nursing and Rehabilitation Center
Deborah Strube, R.H.I.A., Health Information Management Administrator, Pilgrim Psychiatric Center

GRANT CAMPUS

Chemical Dependency Counseling

Richard Buckman, LCSW-R, CASAC, CETII, Director of EAP Services, Labor Education Community Services Agency
Carol Carter, Executive Director, Sunshine Center Inc.
Rosemary Dehlow, LCSW, Long Island Director, Community Housing Innovations, Inc.
Catherine DeSalvo, CRC LMHC, Vocational Rehabilitation Counselor, New York State Office of Vocational and Educational Services for Individuals with Disabilities
Mark Eply, Director, Seafield Center, Inc.
Jo-Ann Fuina, LCSW, Director, Inpatient Services, Nassau University Medical Center
Howard W. Knepl, CASAC, L.I. Addiction Counselors Association
Joseph Martino, LCSW, Supervisor, Accesso Counseling Center
Claire Olsen, LCSW, Director, St. Charles Hospital and Rehabilitation Center
Edward Olsen, LCSW, CASAC, CADC, SAP, Clinical Director, Bridge Back to Life, Inc., Bethpage
Thomas Ponte, M.A., CRC, CASAC (ret.), Adjunct Professor, SCCC

Health Information Technology/Medical Records Program

Kevin Bozza, M.P.H., R.H.I.T., CPHQ, Assistant Vice President, Long Island Health Network

Occupational Therapy Assistant

Fran Babiss, Ph.D., OTR/L, Program Director, Adult Partial Hospitalization, South Oaks Hospital
Gary Cassidy, OTR/L, LIDDSO/Mill Neck School
Anthony Ciolino, OTR/L
Kimberly DeCanio, COTA/L, Alumna
Joann DiStefano, OTR/L, Access 7 Consulting
Allen Fuchs, OTR/L, Oak Hollow Nursing Center
Kim Hagstrom, Senior OTR/L, Acting Chief, Green House, Pilgrim Psychiatric Center
Barbara Heim, OTR/L, Complete Rehab Consultants
Carrie Hessney, OTR/L, Long Island State Veterans Home
Lisa E. Hubbs, M.S., OTR/L, Program Coordinator and Assistant Professor of Occupational Therapy Assistant Program, SCCC
Cynthia Iafriate, OTR/L
Valerie Miele, OTR/L, Alumna
Helen Wilder, M.A., SLP, SDA, Director, New Interdisciplinary School

Veterinary Science Technology

Miriam Deitsch, Ph.D., Distinguished Teaching Professor, SUNY Farmingdale; Director of the Center for Social Science Research; Chair of the Department of Sociology and Anthropology

Susan Fowler, B.S., Senior Technical Sales Specialist, BAYER Healthcare LLC

Richard Jacobson, D.V.M., Farmingville Animal Hospital

Brian McKenna, L.V.T., Assistant Hospital Administrator, Long Island Veterinary Specialists

Jean Rooney, L.V.T., Senior Veterinary Technician, State University of New York at Stony Brook, Division of Animal Research (DLAR)

Institutional Animal Care and Use Committee (IACUC)

Allen Jacobs, D.V.M., Attending Veterinarian, Academic Chair, Coordinator of the Veterinary Science Program, SCCC

Elia Colon-Mallah, D.V.M., Professor of Veterinary Science Technology, SCCC

Debra Bjelke, AAS, RLATG, CMAR – Laboratory Animal Facility Representative

Frank Dougherty, Instructor of Veterinary Science Technology, SCCC

Nancy Penncavage, Ph.D., Professor of Biology and Oceanography, SCCC

Hector Sepulveda, M.D., Associate Dean for Academic Affairs, Grant Campus, SCCC

Patricia Ann Wagner, Unaffiliated Member

HVAC/R (Heating, Ventilation, Air Conditioning/Refrigeration)

Steve Bergman, Owner, Twinco Supply

Tom Butcher, Engineer, Brookhaven National Labs

Paul Cooper, P.E., Executive Director of Facilities, SCCC

Joe Fracalvieri, Director, POB, Grant Campus, SCCC

Richard Halley, Area Manager, Trane Corp.

Wayne Lawrence, Field Technician, PETRO Oil

John Levey, President, Oilheat Associates, HVAC/R Adjunct Faculty, SCCC

Dawn Marie Martino, Service Tech, Gotham Air Conditioning; Graduate, SCCC

Rusty McAllister, Owner, ACE Shore Refrigeration

Victor Micoretti, Branch Manager, York International

Michael O'Rourke, President, Best Climate Control

Douglas J. Pavone, PE, Vice-President, Lizardos

Teddy Ramjas, HVAC/R Adjunct Faculty, SCCC

Kevin Rooney, CEO, Oil Heat Institute of Long Island

Tom Schwarz, President, TGO Mechanical

Frank Sciaivone, Sav Mor Mechanical

Eugene Silberstein, Academic Chair, HVAC, SCCC

Len VanSicklin, Service Manager, Anron

Richard Zimmerman, Field Supervisor, Gotham Air Conditioning; HVAC/R Adjunct Faculty, SCCC; Alumna

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SUFFOLK AT A GLANCE

(continued from inside front cover)

Athletics: Intercollegiate sports (Division III of the National Junior College Athletic Association – NJCAA)

Men: Baseball, Basketball, Bowling, Cross Country, Equestrian, Golf, Lacrosse, Soccer, Tennis, Track

Women: Basketball, Bowling, Cross Country, Equestrian, Lacrosse, Soccer, Softball, Tennis, Track, Volleyball

Cheer Team and Dance Team sponsored by the Athletic Department

Intramural sports available

Student Services/

Student Life: Educational, Career and Personal Counseling

Services to Students with Disabilities

Career Planning and Services

Child Care Facilities

Student Newspaper and Literary Publications

Theatre Productions, Musical Performances, Art Exhibits

Films, Lectures, Concerts, Trips

90 Clubs

Academic Support

Services: Learning Labs for Mathematics, Computers, Reading, Writing

Tutorial Services

Student Success Programs

Library Open 7 Days a Week

And More... Small Class Size Averaging 23 Students

Low Student/Faculty Ratio of 22:1

Accessible Faculty

Honors Program

English as a Second Language (ESL) Program

Transfer Opportunities

Joint Admission Agreements

Co-op/Internship Programs

more information on inside front cover

