

## 2016-2018 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  
482 full-time faculty; 1,782 adjunct faculty

**Student Body:** Approximately 27,000 students

Ammerman . . . . .	7,010 full-time	8,185 part-time	15,195 total
Eastern . . . . .	1,434 full-time	2,846 part-time	4,280 total
Michael J. Grant . . . . .	4,444 full-time	6,551 part-time	10,995 total

Gender . . . . . Female 53%; Male 47%

Age . . . . . 18-24, 79%; 25 and over, 21%

Ethnic . . . . . White 53.8%; Black 7.8%; Hispanic 17.5%; Asian Pacific 3.4%;  
American Indian .4%; Other /Unknown 17.1%

**Estimated Annual**

**Expenses:** Tuition and fees (residents) – \$5,280; books and supplies – \$1,400 [approximately]

**Financial Aid:** SCCC awards more than \$63 million in federal and state financial aid to almost 20,000 students annually. A tuition payment plan is available.

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

Suffolk also awards more than \$600,000 in scholarships each year.

Other sources of aid: Adult Career and Continuing Education Services – Vocation Rehabilitation (ACCES-VR); 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*



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2016-2018

*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](http://www.sunysuffolk.edu)**

Suffolk County Community College is an affirmative action/equal opportunity educator and employer. The College is committed to fostering a diverse community of outstanding faculty, staff, and students, as well as ensuring equal educational opportunity, employment, and access to services, programs, activities, without regard to an individual's race, color, national origin, religion, creed, age, disability, sex, gender identity, sexual orientation, familial status, pregnancy, predisposing genetic characteristics, military status, domestic violence victim status, or criminal conviction. Legal Affairs/Compliance Office, Norman F. Lechtrecker Building, Ammerman Campus, 631-451-4950.





## PRESIDENT'S MESSAGE

By Dr. Shaun L. McKay

Affordable, high quality education and training are essential to preparing individuals for competitive careers. Whether you start at Suffolk with the goal of transferring to a four-year institution after graduation or you need certain classes to enhance your existing skills, you will find everything necessary to succeed here at Suffolk. From our exceptional teaching faculty, to small classes, to your choice from among 100 programs of study, there is no doubt you'll find limitless opportunities. More importantly, college is not just an academic experience, it's a life experience! Athletics, clubs, student groups, the arts—your success will be further enhanced when you look beyond the classroom and get involved on campus.

As the College enters its 56th year, I am pleased to share with you that this institution is a vibrant and continuously improving higher education resource. Suffolk's faculty, staff and administrators are dedicated to fostering an environment that helps students attain their educational goals, while embracing the philosophy of lifelong learning. This approach provides you with an edge as you prepare to enter the 21st century workforce.

Suffolk offers programs corresponding to the employment opportunities that will be available when you graduate. This means we are always updating curriculum and investing in facilities that offer instructional experiences and equipment that our graduates will encounter in the workplace. In 2014, we opened the new William J. Lindsay Life Sciences Building on the Ammerman Campus. In 2015, we broke ground on a new Health and Wellness Facility at the Eastern Campus, as well as a new Learning Resource Center and a new Renewable Energy/STEM Center at the Michael J. Grant Campus, which will be home for new academic initiatives being developed in Energy Management, Alternative Energy Technologies, Sustainability Studies, and Cybersecurity. With the opening of each new building, our students realize enhanced benefits that result from access to state-of-the-art learning spaces.

Each year, we build upon a legacy that responds to the needs of our Suffolk County communities: by welcoming people of all backgrounds and abilities; by providing good stewardship of resources; by enhancing academic programs and student services; and changing lives for the better. Our students continue to shine and excel, frequently being recognized nationally, regionally and locally with scholarships and awards for their academic success, as well as their student life and community service contributions.

During my tenure as the College's President, I have consistently shared my belief that education transforms lives by empowering individuals; this empowerment allows people to achieve, to create, and to thrive. If this sounds like the learning environment you are looking for, I encourage you to enroll at Suffolk. There is no doubt we are the best, most affordable choice for your first two years of higher education.



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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. For up-to-date information, please contact the College Assistant Dean for Curriculum Development, Matthew Okerblom, Norman F. Lehtrecker Building, Ammerman Campus, 631-451-4741.



# Academic Calendar 2016-2017

## FALL 2016

August 29	Monday	Day classes begin; Convocation at 4:00 pm
September 5	Monday	Labor Day – no classes
September 6	Tuesday	Evening classes begin*
September 10-11	Saturday/ Sunday	Saturday/Sunday classes begin
October 3	Monday	Rosh Hashanah – no classes
October 11	Tuesday	Professional Development Day – no classes
October 12	Wednesday	Yom Kippur – no classes
November 2	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
November 7	Monday	Priority registration for spring 2016 begins
November 11	Friday	Veterans Day – no classes
November 23-27	Wednesday- Sunday	Thanksgiving recess – no classes
November 28	Monday	Classes resume
December 20	Tuesday	Conversion Day: Friday day and evening classes meet
December 21	Wednesday	Last meeting of classes
December 22-23	Thursday- Friday	Optional class make-up dates**

## WINTERSESSION 2016-2017

December 27	Tuesday	Classes begin
January 2	Monday	New Year's Day Observed – no classes
January 6	Friday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
January 16	Monday	Martin Luther King Jr. Day – no classes
January 17	Tuesday	Last meeting of classes

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

\*\* If the College cancels classes due to weather or other emergency, faculty are responsible for ensuring that missed instruction time is recouped, in compliance with applicable academic standards and College policies. Holding a make-up class is an option but not required.

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.

See page 76 for the policy on observance of religious holidays.

The 2017-2018 Academic Calendar will be available on the website at [www.sunysuffolk.edu/Students/academic-calendar.asp](http://www.sunysuffolk.edu/Students/academic-calendar.asp).

## SPRING 2017

January 23	Monday	Day classes begin
January 30	Monday	Evening classes begin*
January 28-29	Saturday/ Sunday	Saturday/Sunday classes begin
February 20	Monday	Presidents' Day – no day or evening classes
March 7	Tuesday	Professional Development Day – no day or evening classes
March 13-19	Monday- Sunday	Spring recess – no classes
March 22	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
March 27	Monday	Priority registration for summer/fall 2017 begins
April 10	Monday	Passover begins - no evening classes
April 15-16	Saturday/ Sunday	Easter – no day or evening classes
May 16	Tuesday	Last meeting of scheduled day classes
May 17	Wednesday	Last meeting of scheduled evening classes; Conversion day for Monday evening classes
May 18-20	Thursday- Saturday	Optional class make-up dates**
May 21	Sunday	Commencement

## Summer Sessions 2017

### First 5-Week Summer Day/Evening Session 2017

May 30	Tuesday	Classes begin
June 14	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
June 29	Thursday	Last meeting of classes

### Eight-Week Day/Evening Summer 2017

May 30	Tuesday	Classes begin
June 22	Thursday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
July 3-4	Monday- Tuesday	Independence Day – no classes
July 24	Monday	Last meeting of classes

### Second Five-Week Day/Evening Summer 2017

July 5	Wednesday	Classes begin
July 20	Thursday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
August 7	Monday	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 1,400 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 17 academic, administrative and auxiliary buildings. In 2015, the College opened the new 62,700-square-foot

William J. Lindsay Life Sciences Building, which contains science classrooms, laboratories and prep rooms as well as lecture halls and meeting spaces.

The Michael J. Grant Campus occupies a site of 207 acres with 15 academic, administrative and auxiliary buildings, including an 110,000-square-foot building which houses classrooms, laboratories, 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 is LEED Gold Certified by the U.S. Green Building

Council and includes state-of-the-art laboratories, classrooms and office space.

In 2015, the College began construction on 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 be completed in 2017.

As part of our partnership with Long Island University, a new modular building is nearing completion on the Michael J. Grant Campus.

The College is also developing a new Renewable Energy/STEM Center on this campus. This facility will be the cornerstone of new academic initiatives (both credit and non-credit) being developed in Energy Management, Alternative Energy Technologies, Sustainability Studies, as well as Cybersecurity and other STEM disciplines. A steering committee has been assembled, and architectural design conversations commenced in the summer of 2015. Design, construction, equipment planning and curriculum development for new academic programming is actively underway. The building will act as a showcase for the merits of renewable energy, provide a facility where the installation, repair and maintenance of renewable energy systems can be taught, and create an opportunity to combine research from Stony Brook University with Suffolk's expertise in training. The building will house laboratories and classrooms where solar photovoltaics, wind power, geothermal and other renewable energy and energy conservation technologies can be taught.

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 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.

On the Eastern Campus, the College has completed the design phase for a 48,000 square-foot Health and Wellness Center. 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.

In 2005, in an effort to revitalize traditional downtown areas and provide additional access 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, 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 certificates and continuing education courses. The Center includes classrooms, hands-on training labs, a 60-seat demonstration theatre, a retail bakery and café. The facility is also home to the Practical Nursing certificate program and other nursing classes.

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 482. By May 2015, the College had over 120,000 alumni.

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 institutions within 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 trained technicians in a wide variety of occupational curricula
- providing transfer options to students who wish to continue to 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 presidents of SUNY's Student Assembly, Faculty Council of Community Colleges, and University Faculty Senate serve as ex-officio members of the Board. The Student Assembly President is a voting member.

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

Occupational Therapy Assistant A.A.S. degree curriculum: accredited by the Accreditation Council for Occupational Therapy Education (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).

An updated list of accredited curricula can be found at [www.sunysuffolk.edu/about/atglance.asp](http://www.sunysuffolk.edu/about/atglance.asp).

## LIBRARIES

The library homepage, [www.sunysuffolk.edu/Library](http://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 in-

formation 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 "Introduction to College Research" (LIB101, 1 credit) 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. 246).

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 professional assistants with expert computing skills. Each facility contains an open lab for general student use as well as classroom space for instruction. All computers have the Microsoft Office Professional Suite, a selection of web browsers, and course-related software specified by academic departments to support the college curriculum.

On the **Ammerman Campus** the lab is located on the main level of the Huntington Library and consists of an open area with Windows-based computers. There are a small number of Macintosh computers available in the open area and a classroom of Macintosh computers that serves as open lab space when not in use. The lab also houses printers, scanners, as well as software and furniture to accommodate individuals with disabilities. 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. Four 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, Orient 235, is equipped with both Windows-based and Macintosh computers setup as Dual Boot (can log in to either Windows or Mac) 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, winter and semester breaks.

The **Michael J. Grant Campus** offers two academic computing centers on campus. The Sagtikos Computer Center is located within the library in the Sagtikos Arts and Sciences Center, room 141. The Health, Sports and

Education Center (HSEC) houses the other computer center in room MA335. Both centers offer Windows-based open lab facilities which include PCs, printers, scanners, as well as software and furniture to accommodate individuals with disabilities. Additionally, the Sagtikos Computer Center offers three computer classrooms for instruction, which serve as open lab space when not in use. Both computer centers are open Monday through Friday with the Sagtikos Computer Center also offering Saturday and Sunday hours. Please note that both academic computing centers on the Michael J. Grant Campus will be moving to the new Learning Resource Center upon its completion.

**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	Faculty Association . . . . .	451-4151
Admissions . . . . .	451-4000	Financial Aid . . . . .	451-4108
Adult Learner Programs . . . . .	451-4054	General Counsel . . . . .	451-4235
Alumni Affairs . . . . .	451-4630	Gifts and Donations . . . . .	451-4846
Board of Trustees . . . . .	451-4112	Graduation . . . . .	451-4011
College Associate Deans:		Grants Development . . . . .	451-4215
Central Business Affairs . . . . .	451-4236	Honors Program . . . . .	451-4778
Computer Information Systems . . . . .	451-4205	Human Resources . . . . .	451-4207
Continuing Education . . . . .	451-4114	Institutional Advancement . . . . .	451-4611
Curriculum Development . . . . .	451-4101	Institutional Effectiveness . . . . .	451-4129
Faculty and Professional		International Students . . . . .	451-4773
Advancement . . . . .	451-4464	Library Services . . . . .	451-4170
General Education		Mental Health Services . . . . .	451-4475
and Study Abroad . . . . .	451-4440	Payroll . . . . .	451-4685
Institutional Advancement . . . . .	451-4879	President . . . . .	451-4112
Instructional Technology . . . . .	451-4656	Publications . . . . .	451-4256
Nursing . . . . .	851-6970	Purchasing and Accounts Payable . . . . .	451-4230
College Association . . . . .	451-4829	Registrar / Master Schedule . . . . .	451-4008
College Dean of Enrollment		Sayville Center . . . . .	851-6970
Management . . . . .	451-4026	Security and Fire Safety . . . . .	451-4212
Computer Center / Help Desk . . . . .	451-4357	Sexual Harassment / Title IX . . . . .	451-4950
Continuing Education (non-credit		Suffolk Community College Foundation . . . . .	451-4846
courses and programs) . . . . .	451-4114	Transcripts . . . . .	451-4011
Corporate Training Center . . . . .	851-6200	Transfer Credit Evaluation . . . . .	451-4035
Credit for Prior Learning . . . . .	451-4696	Veterans Affairs . . . . .	451-4869
(life experience)		Vice Presidents:	
Culinary Arts Center . . . . .	548-3701	Academic Affairs . . . . .	451-4244
Disability Services . . . . .	451-4045	Business and Financial Affairs . . . . .	451-4236
Distance Learning / Online Courses . . . . .	451-4656	Institutional Advancement . . . . .	451-4611
Educational Opportunity		Planning and Institutional	
Program (EOP) . . . . .	451-4356	Effectiveness . . . . .	451-4129
English as a Second Language (ESL) . . . . .	851-6519	Student Affairs . . . . .	451-4737
Executive Assistant to the President . . . . .	451-4169	Workforce and Economic	
Facilities . . . . .	451-4445	Development . . . . .	851-6902

# 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
Associate Deans of Academic Affairs . . .	451-4091
Head Librarian . . . . .	451-4173
Administrative Director of Business Services . . . . .	451-4079

## AMMERMAN CAMPUS ACADEMIC OFFICES

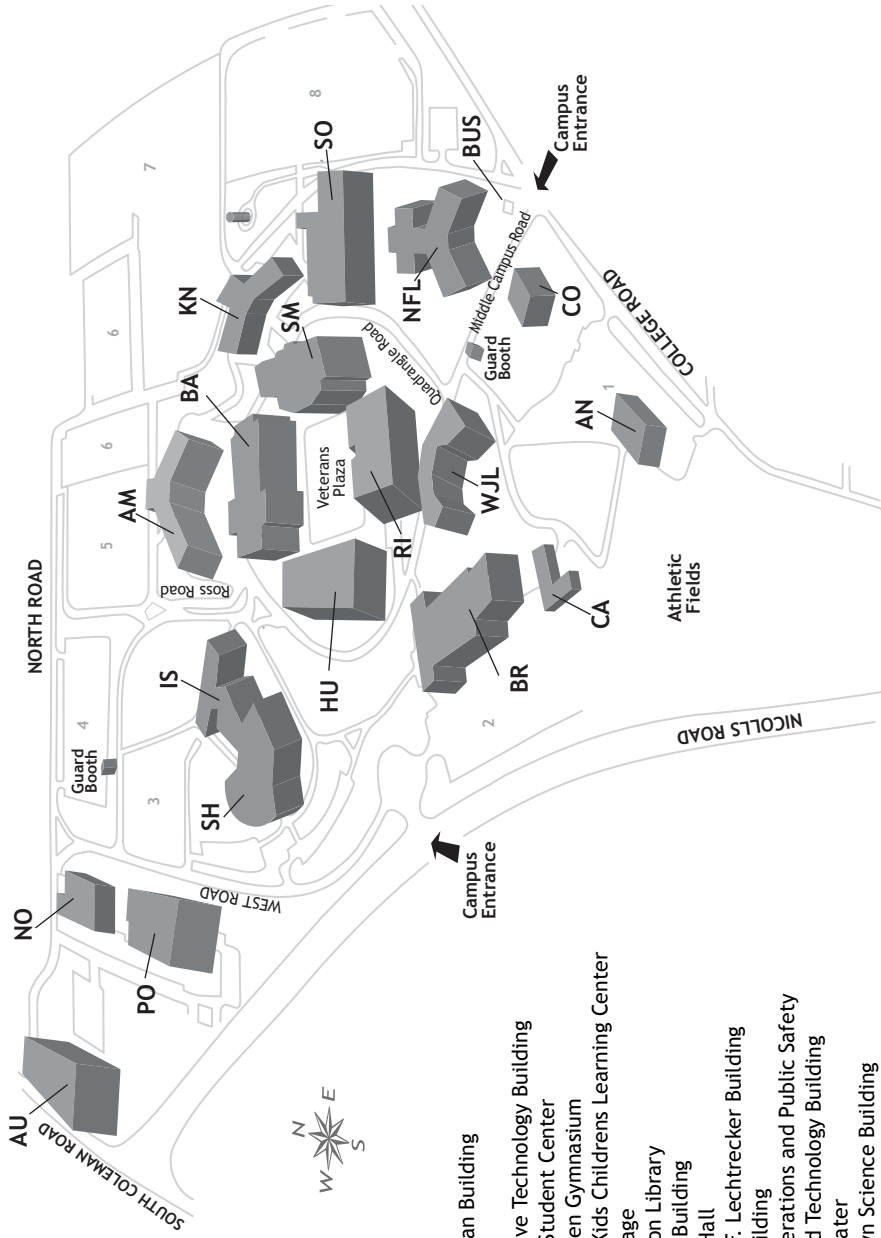
Academic Computing Lab . . . . .	451-4211
Accounting/Business Administration . . . . .	451-4262
Automotive Technology . . . . .	451-4900
Biology . . . . .	451-4316
Communication Studies . . . . .	451-4147
Computer Science/Information . . . . .	451-4270
Criminal Justice . . . . .	451-4336
Education, Health 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 AFFAIRS OFFICES

Admissions . . . . .	451-4022
Advising and Testing . . . . .	451-4056
Associate Dean of Student Services . . . .	451-4176
Athletics . . . . .	451-4380
Campus Activities . . . . .	451-4375
Career Services . . . . .	451-4049
Children's Learning Center . . . . .	451-4388
Counseling Center . . . . .	451-4053
Disability Services . . . . .	451-4045
Educational Opportunity Program . . . . .	451-4356
Financial Aid . . . . .	451-4072
Public Safety . . . . .	451-4242
Registrar . . . . .	451-4004
Student Support Services Program . . . . .	451-4693

*All phone numbers use area code 631.*



- |     |         |                                       |
|-----|---------|---------------------------------------|
| AM  | AMERMN  | Ammerman Building                     |
| AN  | ANNEX   | Annex                                 |
| AU  | AUTOTC  | Automotive Technology Building        |
| BA  | BABYLN  | Babylon Student Center                |
| BR  | BRKHVN  | Brookhaven Gymnasium                  |
| CA  | DAYCRA  | Campus Kids Childrens Learning Center |
| CO  |         | The Cottage                           |
| HU  | HUNTIN  | Huntington Library                    |
| IS  | ISLART  | Islip Arts Building                   |
| KN  | KRELNG  | Kreiling Hall                         |
| NFL | NFL     | Norman F. Lechtreccker Building       |
| NO  | NTHBLD  | North Building                        |
| PO  |         | Plant Operations and Public Safety    |
| RI  | RIVRHE  | Riverhead Technology Building         |
| SH  |         | Shea Theater                          |
| SM  | SMITHSC | Smithtown Science Building            |
| SO  | STHHMP  | Southampton Building                  |
| WJL | WJLLSB  | William J. Lindsay 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

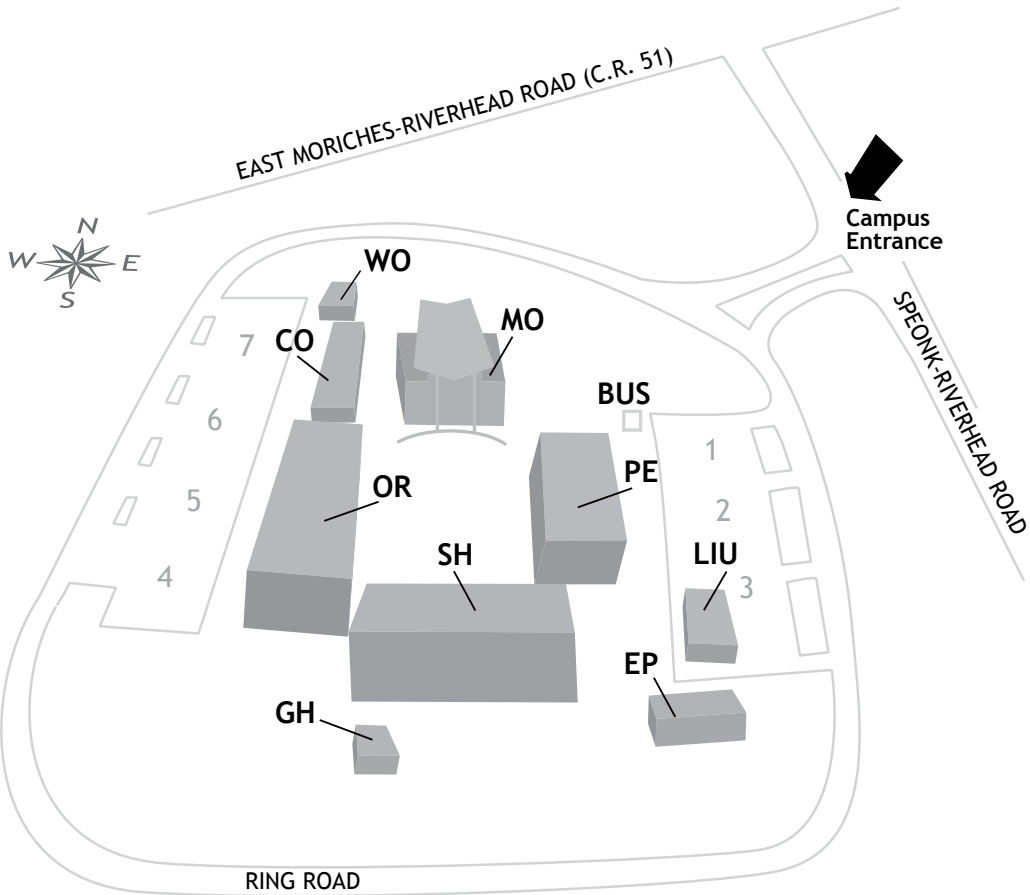
General Information . . . . .	548-2500
Executive Dean . . . . .	548-2564
Associate Dean for Academic Affairs . . .	548-2560
Assistant Dean of Academic Support	
Programming and Resources . . . . .	548-2543
Associate Dean for Educational	
Resources . . . . .	548-3707
Associate Dean of Student Services . . . .	548-2514
Assistant Dean of Student Services /	
Director of Counseling . . . . .	548-2526
Academic Chair for Social Sciences	
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 Commerce and	
Health Careers . . . . .	548-3573
Administrative Director of	
Business Services . . . . .	548-2549

Campus Head Librarian . . . . .	548-2540
Director of Plant Operations . . . . .	548-2507
Assistant Director of Plant Operations . .	548-2649
Educational Technology Unit . . . . .	548-2607

### EASTERN CAMPUS STUDENT AFFAIRS OFFICES

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

*All phone numbers use area code 631.*



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

## MICHAEL J. 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, Allied Health, Natural Science, Physical Education . . . . .	851-6750
Assistant Dean of Academic Support Programs . . . . .	851-6369
Associate Dean of Student Services . . . . .	851-6760
Assistant Dean of Student Services and Counseling . . . . .	851-6250
Assistant Dean of Student Services and Enrollment . . . . .	851-6264
Campus Head Librarian . . . . .	851-6746
Plant Operations . . . . .	851-6793
Special Events . . . . .	851-6900

## MICHAEL J. GRANT CAMPUS ACADEMIC OFFICES

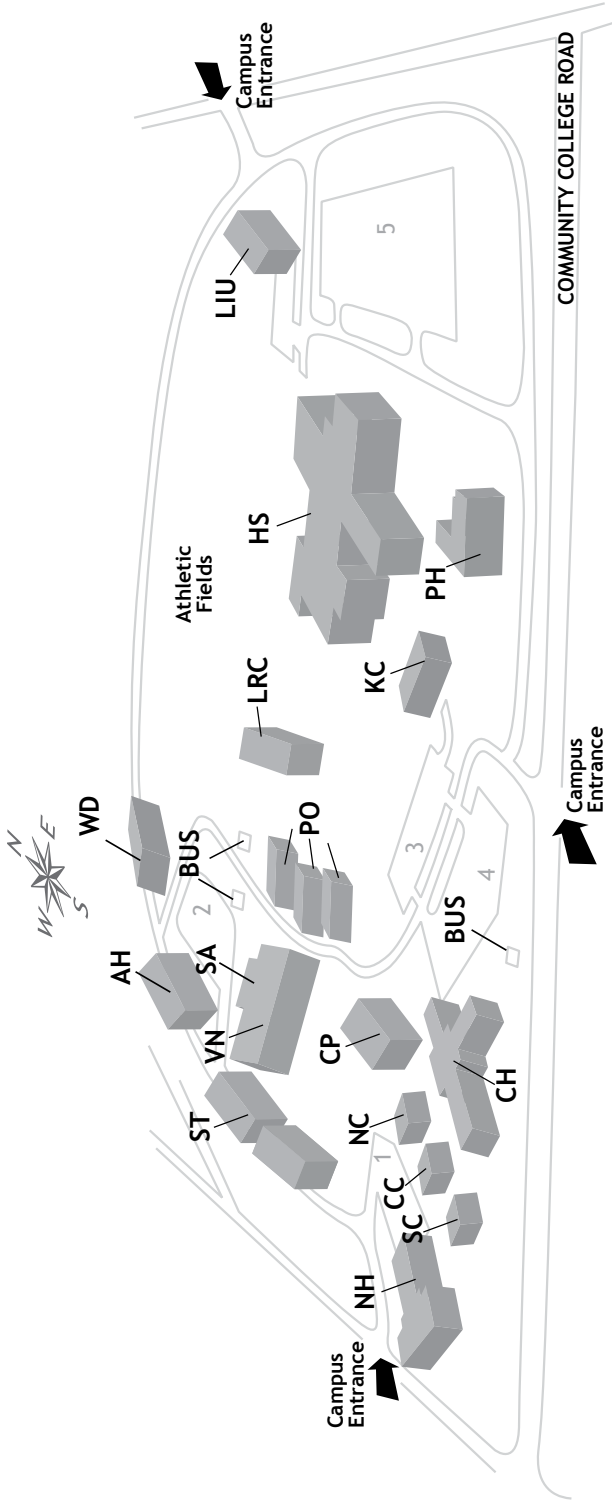
Academic Computer Lab . . . . .	851-6556
Accounting and Business Administration . . . . .	851-6770/6931
Allied Health Science Programs . . . . .	851-6571/6594
Center for Academic Excellence . . . . . (academic support services, tutoring)	851-6795
Communication and The Arts . . . . .	851-6370/6468
Computer Information Systems/ Office Technology . . . . .	851-6770/6288

English and Humanities . . . . .	851-6741/6425
Language and Transitional Studies . . . . .	851-6370/6468
Mathematics . . . . .	851-6912/6569
Natural Sciences . . . . .	851-6786/6761
Nursing . . . . .	851-6571/6439
Physical Education . . . . .	851-6758/6334
Social Sciences . . . . .	851-6572/6548
Veterinary Science . . . . .	851-6946/6962

## MICHAEL J. GRANT CAMPUS STUDENT AFFAIRS OFFICES

Academic Advising and Mentoring Center . . . . .	851-6247
Admissions . . . . .	851-6719
Advising and Testing . . . . .	851-6237
Associate Dean of Student Services . . . . .	851-6521
Athletics . . . . .	851-6787
Campus Activities . . . . .	851-6702
Career Services . . . . .	851-6876
Counseling Center . . . . .	851-6250
Disability Services . . . . .	851-6355
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
Student Support Services Program . . . . .	851-6778
Welcome Center . . . . .	851-6244
Writing Center . . . . .	851-6245

All phone numbers use area code 631.



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

## Alumnae Profile

### Meltem and Sinem Gulturk – Class of 2008

*Current Occupation:*  
Actresses

*Academic and Career Highlights:*

If the twin sisters from Ronkonkoma, New York, look familiar, it's easy to understand why. Chances are you've seen them – and heard their catchphrase "Awesome Sauce" – in the national TV commercial for Discover Card. At first, the sisters weren't sure what major they would declare. Theatre and acting were their passion but their parents encouraged



them to study something with a more secure career path. As a result, they chose to enroll at Suffolk County Community College. While at Suffolk, they studied liberal arts and honed their acting skills. During this time, their love and passion for acting grew. After Suffolk, Meltem and Sinem transferred to City College of New York and signed with a well-known agency.

*On Becoming the Awesome Sauce Twins:*

MG: We were very surprised! We had no idea that 'Awesome Sauce' would become such a catch phrase. When we started hearing people say the phrase, we wondered if it was because of the commercial. Then people started recognizing us and saying "you're the Awesome Sauce twins!" It's such a flattering and surreal experience!

*On Their Suffolk Experience*

SG: There's a great sense of community and you'll feel right at home. The Theatre Department holds a very special place in my heart. The professors and the program helped mold me into who I am today. I learned work ethic and crafted my skills. I owe so much to professors Stephen Lantz Gefroh and Jo Curtis Lester for helping me grow. They saw something in us and encouraged us to pursue acting as a career.

MG: If you're looking for an outstanding education – and a really great value – Suffolk is the way to go. I always say this, and some people find it hard to believe, but I really did learn almost everything I know about acting at Suffolk. Our professors were incredible! In addition to Stephen Lantz Gefroh and Jo Curtis Lester, Thom Bovino, Andrew Wittkamper, and Charles Wittreich were just amazing.



# Enrollment Process

## APPLYING AND BEING ADMITTED

### Eligibility

The College believes 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 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 page 28 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 prerequisites, 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 in the Curricula section of this catalog. Students enrolling in other than New York State registered or otherwise approved programs may jeopardize eligibility for financial aid.

### 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](http://www.sunysuffolk.edu).



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](http://www.sunysuffolk.edu).

In addition, applicants should arrange to have 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.

## Non F-1 Visa Applicants with a Foreign Educational Credential

All foreign educational credentials must be evaluated by an accredited agency.

Foreign Academic degree evaluations will be accepted from a credential evaluation agency which is a member of the National Association of Credential Evaluation Services (NACES). For information visit [www.sunysuffolk.edu](http://www.sunysuffolk.edu). The official evaluation must be submitted to the Central Admissions Office.

Applicants who have been determined by an accredited agency to have earned the equivalent of an associate degree or higher can have the high school requirement waived. Applicants who have attended college outside the United States and wish to transfer credits to the College must have a course-by-course evaluation for transfer credits.

## 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 15: Nursing (except August 15 for select options), Occupational Therapy Assistant, Physical Therapist Assistant, Veterinary Science Technology

**Transfer students** may be accepted for the spring into a competitive program on a case-by-case basis.

## 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, Nursing, Occupational Therapy Assistant, Physical Therapist Assistant, Toyota T-TEN Automotive Service, 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. **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

Degree	Curriculum	Campus			Offered Day/Evening	Hegis Code	Page for details
AAS	Accounting (Career Option)	A	E	G	Both	5002	93
AS	Accounting (Transfer Option)‡	A	E	G	Both	5002	94
Cert	Accounting Certificate	A	E	G	Both	5002	95
AAS	American Sign Language Studies	A			Evening	5599	95
AAS	Automotive Service Specialist‡	A			Day	5306	96
AAS	Toyota T-TEN Automotive Service‡	A			Day	5306	97
AAS	Business Administration Business Administration Online Career Option	A	E	G	Both	5004	98
AS	Business Administration (Transfer Option)‡	A	E	G	Both	5004	99
Cert	Business Management Certificate	A	E	G	Both	5004	100
AAS	Business: Marketing			G	Both	5004	101
AAS	Business: Retail Business Management	A			Both	5004	102
Cert	Business: Retail Business Management Certificate	A			Both	5004	103
AAS	Chemical Dependency Counseling‡			G	Both	5506	103
AA	Communication Studies	A	E	G	Both	5606	105
AA	Communications and Media Arts: Journalism	A			Both	5008	106
AAS	Computer Art		E		Both	5012	107
AS	Computer Science‡	A			Both	5101	108
AAS	Construction Technology - Architectural Technology‡	A			Both	5304	109
AS	Criminal Justice	A	E	G	Both	5505	110
Cert	Criminal Justice: Police Administration‡			G		5505	111
AAS	Culinary Arts: Baking and Pastry Arts		E		Day	5404	112
Cert	Culinary Arts: Baking and Pastry Arts Certificate		E		Day	5404	113
AAS	Culinary Arts: Restaurant Management		E		Day	5404	112
Cert	Culinary Arts: Restaurant Management Certificate		E		Day	5404	113
AAS	Dietetic Technician		E		Day	5404	114
Cert	Drafting (Computer-Assisted) Certificate‡	A			Both	5303	115
AAS	Early Childhood‡	A	E	G	Both	5503	116
AS	Early Childhood‡	A	E	G	Both	5503	117

† 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

Degree	Curriculum	Campus			Offered Day/Evening	Hegis Code	Page for details
AAS	Electrical Technology - Electronics‡	A			Both	5310	119
AAS	Emergency Medical Technician: Paramedic‡	A			Day	5299	120
AS	Engineering Science‡	A			Evening	5609	121
AAS	Fire Protection Technology	A			Evening	5507	122
Cert	Fire Protection Technology Certificate	A			Evening	5507	122
AS	Fitness Specialist‡	A			Both	5299.30	123
AAS	Graphic Design	E			Day	5012	124
AAS	Health Information Technology / Medical Records‡	G			Evening	5213	125
AAS	Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R)‡	G			Both	5317	127
Cert	Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R) Certificate‡	G			Both	5317	128
AAS	Hotel and Resort Management	E			Day	5010	129
Cert	Hotel and Resort Management Certificate	E			Day	5010	130
AS	Human Services‡	A			Day	5501	131
AAS	Information Technology‡						
	Computer Information Systems Option	A	E	G	Both	5104	133
	Network Design and Administration Option	A	E	G	Both	5104	133
Cert	Information Technology Certificate‡						
	Computer Information Systems Option	A	E	G	Both	5104	135
	Network Design and Administration Option	A	E	G	Both	5104	135
AAS	Interior Design	E			Day	5012	136
AA	Liberal Arts and Sciences: Adolescence Education/Biology‡*	A	E	G	Both	5649	137
AA	Liberal Arts and Sciences: Adolescence Education/English‡*	A	E	G	Both	5649	139
AA	Liberal Arts and Sciences: Adolescence Education/History‡*	A	E	G	Both	5649	141
AA	Liberal Arts and Sciences: Adolescence Education/Mathematics‡*	A	E	G	Both	5649	143
AA	Liberal Arts and Sciences: Education (Child Study) Emphasis‡*	A	E	G	Both	5649	145
AA	Liberal Arts and Sciences: General Studies Emphasis	A	E	G	Both	5649	147

† 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

Degree	Curriculum	Campus	Offered Day/Evening	Hegis Code	Page for details
AA	Liberal Arts and Sciences: Humanities Emphasis‡				
	Cinema Studies Option	A	Both	5649	148
	Creative Writing Option	A	Both	5649	148
	English Option	A	Both	5649	149
	Foreign Language Option	A	Both	5649	149
	Philosophy Option	A	Both	5649	149
AA	Liberal Arts and Sciences: International Studies Emphasis‡				
	Business Option	A E G	Both	5622	151
	Humanities Option	A E G	Both	5622	151
	Social Sciences Option	A E G	Both	5622	151
AA	Liberal Arts and Sciences: Mathematics Emphasis‡	A	Both	5649	152
AS	Liberal Arts and Sciences: Science Emphasis‡				
	Biology Option	A E† G†	Both	5649	153
	Chemistry Option	A	Both	5649	153
	Earth and Space Science Option/ Astronomy Sequence	A	Both	5649	154
	Earth and Space Science Option/ Geology Sequence	A	Both	5649	154
	Earth and Space Science Option/ Meteorology Sequence	A	Both	5649	154
	Environmental Science/Forestry Option	A E† G†	Both	5649	155
	Physics Option	A	Both	5649	155
AA	Liberal Arts and Sciences: Social Science Emphasis‡				
	History Option	A G	Both	5622	156
	Political Science Option	A G	Both	5622	156
	Psychology Option	A G	Both	5622	157
	Sociology Option	A G	Both	5622	157
AA	Liberal Arts and Sciences: Women's and Gender Studies Emphasis	A	Both	5622	158
AAS	Manufacturing Technology‡		G	Both	5312 160
AS	Music	A	Day	5610	161
AAS	Nursing‡				162
	Day and Evening Program Option‡	A G	Both	5208.10	165
	LPN-RN Program Option‡	A G	Day	5208.10	165
AS	Nursing‡				162
	Day and Evening Program Option‡	A G	Both	5208.10	166
	LPN-RN Program Option‡	A G	Day	5208.10	166
Cert	Practical Nursing Certificate	E	Day	5209.20	167
AAS	Occupational Therapy Assistant‡		G	Day	5210 169
AAS	Paralegal Studies‡	A	G	Both	5099 171
Cert	Paralegal Studies Certificate‡	A	G	Both	5099 172
AAS	Photographic Imaging	E G	Both	5007	173

† 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:

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Degree	Curriculum	Campus	Offered Day/Evening	Hegis Code	Page for details	
AAS	Physical Therapist Assistant†	A	Day	5219	174	
AAS	Radio and Television Production†	A	Day	5008	176	
AS	Theatre Arts					
	Acting Option‡	A	Day	5610	177	
	General Theatre Option	A	Day	5610	177	
	Technical Theatre Option	A	Day	5610	178	
AAS	Veterinary Science Technology‡		G	Day	5406	179
AS	Visual Arts	A	G	Both	5610	181

† 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:

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## 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 include:

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

These programs 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 [www.sunysuffolk.edu/Students/TransferOpps.asp](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 certificate by awarding credit as is 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 certificate.** Contact the Admissions Office for further information.

## Recognition of Academic Credit for Successfully Completed Coursework Colleges and Universities

Suffolk County Community College will recognize academic credit from colleges and universities that are accredited by regional institutional accrediting organizations, or national institutional accrediting organizations that are recognized by both the Council for Higher Education Accreditation (CHEA) and the U.S. Department of Education.

Credit for coursework successfully completed with a grade of C minus (C-) or better may be awarded for courses deemed equivalent to Suffolk County Community College courses.

## Advanced Placement

Credit may be awarded to students who have taken Advanced Placement courses in high school and who attain scores of 3 or better on the appropriate Advanced Placement examinations administered through the Educational Testing Service. Students should be aware that other schools may have a more restrictive policy for Advanced Placement transfer credit, and courses covered by AP exams at Suffolk may not be acceptable at their subsequent institution.

## International Baccalaureate

Credit may be awarded to students who have taken International Baccalaureate courses in high school and who attain a score of 4 or better on the IB Higher Level exams. If the student has successfully completed the Diploma program, credit may be awarded for the Standard Level courses as well, with a score of 4 or better.

## College Level Examination Program (CLEP)

Credit may also be awarded to students who pass CLEP exams with a score of 50 or better. 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. Visit [department.sunysuffolk.edu/College-LevelExaminationProgram\(CLEP\)\\_A/index.asp](http://department.sunysuffolk.edu/College-LevelExaminationProgram(CLEP)_A/index.asp).

## Challenge Exam

When a CLEP examination is not available to test prior learning in a course or subject offered at Suffolk County Community College, the student may request, and the College may agree, to prepare and administer a special Challenge Examination for the student.

## Educational Programs Sponsored by Certain Non-Collegiate Organizations

Suffolk County Community College will recognize and may award academic credit for non-collegiate training if the training has been evaluated by either the National College Credit Recommendation Service (NCCRS) or the American Council on Education (ACE), and college level credit has been recommended by the aforementioned agencies. Students are required to submit an official ACE or NCCRS transcript for evaluation. For Military personnel, a Joint Services Transcript (JST) should be submitted for review.

## Foreign Credential Evaluations

Suffolk County Community College will recognize and may award credit for coursework successfully completed at a foreign college or university if the foreign institution is shown to be equivalent to a regionally accredited institution in the United States. A course-by-course evaluation (which includes a document-to-document evaluation) must be submitted by the student to Suffolk County Community College from a credential evaluation service that is a member of either the National Association of Credential Evaluation Services (NACES) or the Association of International Credentials Evaluators (AICE).

## Credit for Prior Learning (Portfolio Assessment)

Portfolio Assessment is an alternative vehicle for defining, demonstrating and documenting college-level learning achieved outside the classroom. Students 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. After completion of the course, students may submit the learning portfolio for evaluation for possible college credit.

## 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 certificate curriculum.**

Contact the Office of Transfer Evaluation at 631-451-4035 for further information.

## 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;
- 83 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 mathematics 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)

### Student Support Services (SSS) Program

The Student Support Services program is funded by a U.S. Department of Education TRIO grant that provides opportunities for students to successfully complete their postsecondary education. The goal of the program 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. Students must be enrolled full-time and in their first semester at Suffolk County Community College to be eligible for the program. In addition, eligible students must meet at least one of the following criteria:

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

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

The program accepts students during the first two months of the fall semester or until filled. Spaces are limited.

For more information contact your Campus Student Support Services Program.

### Developmental Studies

#### Goal

In order to support students with certain academic needs related to college readiness, SCCC provides developmental courses in reading, mathematics, English or English as a Second Language (ESL). These courses are designed to help students refine scholastic skills, and, thereby, effect a smooth transition to college-level courses. While developmental courses do not carry credit toward a degree or certificate, successful completion of these courses is required and may serve as a prerequisite to enrollment in college-level programs at Suffolk. Developmental courses may lengthen the time needed to complete a degree program. However, faculty at SCCC continue to develop multiple approaches to enable students to begin college-level course work in a timely manner.

#### Course Placement

Newly admitted full- and part-time ma-



tricated students are enrolled in college-level or developmental-level courses based on scores earned on the required Computerized Placement Test (CPT), certain high school Regents exams, and other available test scores. Students entering Suffolk who have completed appropriate college-level courses may be waived from part or all of the CPT requirement.

### Enrollment Requirements

Students required to take developmental courses in two or more subject areas or one developmental course at the lower-level English, reading, or ESL (ENG009/ESL017 or RDG098/RDG096/ESL011) may enroll up to 14.5 credit hours per semester which would include the required developmental courses and courses from the students' chosen curriculum. Courses are arranged by the counseling staff in consultation with the student. Students enrolled in developmental courses may drop or add courses only after written approval by faculty advisor, counselor, Academic Chair, or Associate Academic Dean.

Full-time students placed into developmental reading, English, or mathematics courses must register for them during the first semester. If two levels of a developmental course are required, students successful at the lower-level must continue to the higher-level during the subsequent semester. Students earning a U, R, or W must repeat the lower-level course before moving on to the higher level.

Part-time students placed into two or more developmental courses may take them in conjunction with certain approved courses. Students placed only in developmental mathematics are required to take it during the student's first semesters.

New students who are applying for financial aid with state aid eligibility must earn at least 3 college-level credits toward their current degree, which student in subsequent semester must earn at least 6 college-level credits toward their current degree.

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.

### English As A Second Language (ESL)

Suffolk County Community College recognizes that students who are non-native speakers of English may require specialized English lan-

guage 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 four 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 6 hours and also complete one hour of language lab, for a total of 7 hours per week. Depending on the campus, classes are offered during the day, in the evening and on the weekend. 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

##### Level 1:

<i>Module 1.0</i>	<i>per week</i>
Comprehensive.....	6 hours
Language Lab.....	1 hour
Total.....	7 hours

<i>Module 1.1A</i>	Listening/Speaking/Reading ...	3 hours
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<i>Module 1.1B</i>	Writing/Grammar.....	3 hours
	Language Lab.....	1 hour
	Total.....	7 hours

<i>Module 1.2A</i>	Grammar.....	3 hours
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<i>Module 1.2B</i>	Reading/Writing	
	Listening/Speaking.....	3 hours
	Language Lab.....	1 hour
	Total.....	7 hours

##### Level 2:

<i>Module 2.3A</i>	Grammar.....	3 hours
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<i>Module 2.3B</i>	Reading/Writing	
	Listening/Speaking.....	3 hours
	Language Lab.....	1 hour
	Total.....	7 hours

##### Level 3:

<i>Module 3.4A</i>	Writing/Grammar.....	3 hours
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<i>Module 3.4B</i>	Reading/Listening/Speaking ...	3 hours
	Language Lab.....	1 hour
	Total.....	7 hours

##### Level 4:

<i>Module 4.5</i>	Comprehensive.....	6 hours
	Language Lab.....	1 hour
	Total.....	7 hours

**Total Program Time:** 6 semesters/504 hours

#### Full-time Intensive English Program (IEP)

<b>Beginner:</b> .....	<i>per week</i>
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 hours
American Culture or TOEFL Preparation.....	3 hours
Total.....	20 hours

**Total Program Time:** 3 semesters/720 hours

Upon successful completion of either Level 4 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 (for state aid eligibility, new students must earn at least 3 college-level credits toward their current degree, while students in subsequent semesters must earn at least 6 college-level 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 Computerized 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.

<b>SEMESTER I:</b>		<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
<hr/>		
TOTAL		12 hours**

<b>SEMESTER II:</b>		<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
<hr/>		
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 college-level credits for financial aid eligibility.*

## AFTER BEING ADMITTED

### Placement Testing and Course Selection

Suffolk County Community College believes accurate course placement will increase students' chances of success. Therefore, newly admitted students may be required to take the *Computerized 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. On the basis of their test results and/or prior academic records, the student will be placed in appropriate courses.

### 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 74 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 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 ("the Plan"), which is paid through semester fees. All full- and part-time students who are enrolled in a course for a minimum of 10 weeks and/or enrolled in courses, intersession (summer/winter) programs, or are eligible to participate in activities that present potential risks, including, but not limited to, in a physical education activity or course, an internship, cooperative education, or field placement course will be automatically enrolled in and charged the premium for coverage under the Plan.

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 re-enrollment. 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 student portal via MySCCC at [www.sunysuffolk.edu](http://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

A late registration fee is charged to students without a current schedule and who register 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 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 student 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. These courses will not appear on a student's official transcript.

### **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 payment 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 approximately four weeks later at the midpoint 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 non-refundable per semester \$50.00 fee is charged for use of the Tuition Payment Plan and a non-refundable \$30.00 late fee is charged 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. The Tuition Payment Plan is not available to students who show a history of two or more late payments or bounced checks. The Tuition Payment Plan fee is waived for veterans.





Lisa Rose

Suffolk  
SOUTH EASTERN

# 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 fewer 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 financial 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](http://www.sunysuffolk.edu/MySCCC)).

Students must file their applications with their home county's chief financial 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 and must be renewed every year, as needed. The Certificate of Residence must be returned to the College in person or by mail to any campus business/cashier's office, or to the College's Office of Business and Financial Services (Room 232, NFL Building, Ammerman Campus, 533 College Road, Selden, NY 11784).

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

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

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

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

**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.

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

**English as a Second Language (ESL) Fees:** charged to students who take non-credit "ELL, ELW, IEP" English as a Second Language courses.

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

**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 on page 39.

**Late Payment Fee:** 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.

**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.

**Meal Plan Fee:** a non-refundable charge upon students on the Michael J. Grant and the Ammerman Campuses enrolled for nine or more credits in a semester.

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

**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.

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

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

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

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

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

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

**Tuition Payment Plan (TPP) Fee:** 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.

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

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

## 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 2016)

**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 campus Office of Academic Affairs 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, wintersetion and other special sessions** is based on the part-time tuition rate of \$199.00 per credit for Suffolk residents and \$398.00 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 2017 and applies to all campuses and extension sites of the college. The schedule of tuition and fees for the 2017-2018 academic year will be approved during the summer of 2017.

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 2016-2017 academic year:**

### 12 credits or more per semester (full-time)

Tuition, Residents, per semester	.. \$ 2,385.00
Tuition, Non-Residents,	
per semester	..... 4,770.00
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)	..... 15.00
Student Activity Fee (per credit, maximum \$100 per semester)	..... 9.00
Laboratory / Equipment / Special Program Fees*, per course	..... 60.00
<i>(Applicable courses are indicated in 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 course schedules.)</i>	
Accident Insurance Fee (mandatory), per semester	..... 9.00
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	..... 30.00
<i>(non-refundable; begins one week prior to first day of session)</i>	
Culinary Arts Program Fee, per credit	.. 65.00
Applied Music Fee, per semester	..... 450.00
Music Performance Lab Fee,	
per course	..... 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

*\*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 as indicated in the course schedule.*

Tuition Payment Plan Fee, per semester (non-refundable) . . . . .	50.00	Tuition Deposit (applied to tuition but non-refundable) . . . . .	100.00
Late Payment Fee, per assessment (non-refundable) . . . . .	30.00	Laboratory/Equipment/Special Program Fees*, per course. . . . .	60.00
Technology Fee (campus enrollees only), per semester . . . . .	125.00	<i>(Applicable courses are indicated in course schedules.)</i>	
Vehicle Registration Fee (per vehicle, per semester - Fall, Spring, Summer) . . . . .	15.00	Distance Education Fees*, per course . . . . .	65.00
Records Maintenance Fee, per credit, maximum \$36.00 per semester . . . . .	3.00	<i>(Applicable courses are indicated in course schedules.)</i>	
Replacement of Lost ID Card Fee . . . . .	12.00	Physical Education Fee*, per course. . . . .	60.00
Replacement of Lost Parking Sticker . . . . .	12.00	<i>(Applicable courses are indicated in course schedules.)</i>	
Web Access Fee (applied to charges \$50 and over) . . . . .	20.00	Returned Check Fee, each (non-refundable) . . . . .	30.00
Failure to obtain College ID Card. . . . .	25.00	Liability Insurance Fee, per course . . . . .	50.00
Smoking Policy Violation. . . . .	20.00	Challenge Examination Fee, per course (non-refundable) . . . . .	100.00
Failure to Register/Renew Vehicle with College. . . . .	30.00	Accident Insurance Fee (mandatory), per semester . . . . .	9.00
Parking in other than Designated Area . . . . .	50.00	Late Registration Fee, per session . . . . .	20.00
Driving or Parking on Restricted Roads or Areas . . . . .	100.00	<i>(begins one week prior to first day of session)</i>	
Obstruction of a trash container/crosswalk . . . . .	75.00	Culinary Arts Program Fee, per credit. . . . .	65.00
Littering College Campus . . . . .	50.00	Applied Music Fee, per semester . . . . .	450.00
Parking in Fire Zone/Lane or 15 feet of fire hydrant. . . . .	150.00	Music Performance Lab Fee, per course . . . . .	35.00
Excessive Speed on campus. . . . .	100.00	Prior Learning Assessment (non-refundable) Basic Fee per discipline for Portfolio Evaluation . . . . .	100.00
Failure to stop, to obey signs or security personnel . . . . .	100.00	Supplementary Fee . . . . .	1/3 tuition of credits requested
Failure to yield to pedestrians. . . . .	100.00	College-Level Examination Program (CLEP) Service Fee . . . . .	40.00
Parking in Handicapped Area. . . . .	280.00	College-Level Examination Program (CLEP) Late Fee . . . . .	20.00
English as a Second Language (ESL) Non-credit Tuition (per semester)		Tuition Payment Plan Fee, per semester (non-refundable) . . . . .	50.00
ELL001, ELL010 . . . . .	350.00	Late Payment Fee, per assessment (non-refundable) . . . . .	30.00
ELL003, ELL005, ELL007, ELL008 . . . . .	175.00	Technology Fee (campus enrollees only) per semester . . . . .	65.00
ELL002, ELL004, ELL006, ELL009 . . . . .	175.00	per Summer semester . . . . .	65.00
ELW001, ELW002, ELW003, ELW004, ELW005, ELW006, ELW007, ELW008, ELW009, ELW016 . . . . .	150.00	per Wintersession. . . . .	20.00
IEP074, IEP084, per semester . . . . .	1,790.00	Vehicle Registration Fee (per vehicle, per semester - Fall, Spring, Summer) . . . . .	15.00
IEP094 and either IEP092 or IEP093, per semester. . . . .	1,790.00	Records Maintenance Fee, per credit, maximum \$36.00 per semester . . . . .	3.00
IEP092, IEP093 per semester. . . . .	210.00	Replacement of Lost ID Card Fee . . . . .	12.00
<b>Fewer than 12 credits per semester (part-time)</b>		Replacement of Lost Parking Sticker . . . . .	12.00
Tuition, Residents, per credit . . . . .	\$ 199.00	Web Access Fee (applied to charges \$50 and above . . . . .	20.00
Tuition, Non-Residents, per credit . . . . .	398.00	Failure to obtain College ID Card. . . . .	25.00
Application Fee (non-refundable) . . . . .	40.00	Smoking Policy Violation. . . . .	20.00
TASC Test Registration Fee (non-refundable). . . . .	10.00	Failure to Register/Renew Vehicle with College. . . . .	30.00
Transcript Fee (non-refundable) . . . . .	15.00		
Student Activity Fee (per credit, maximum \$100 per semester). . . . .	9.00		

Parking in other than Designated Area . . . . .	50.00
Driving or Parking on Restricted Roads or Areas . . . . .	100.00
Obstruction of a trash container/ crosswalk . . . . .	75.00
Littering College Campus . . . . .	50.00
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 . . . . .	350.00
ELL003, ELL005, ELL007, ELL008 . . . . .	175.00
ELL002, ELL004, ELL006, ELL009 . . . . .	175.00
ELW001, ELW002, ELW003, ELW004, ELW005, ELW006, ELW007, ELW008, ELW009, ELW016 . . . . .	150.00
IEP074, IEP084, per semester . . . . .	1,790.00
IEP094 and either IEP092 or IEP093, per semester. . . . .	1,790.00
IEP092, IEP093 per semester. . . . .	210.00

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 \$100 to \$200 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. The following schedules apply to credit and non-credit courses and programs given by the College.

#### 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 and specific calendar dates for all sessions are available at the Campus Business Offices and on the Student Portal at [www.sunysuffolk.edu/MySCCC](http://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](http://www.sunysuffolk.edu/MySCCC) and must be submitted to the office of

the Associate Dean of Student 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 placed on hold prior to the end of the semester if all charges are not paid. Grades and transcripts will be withheld until full payment is made and students will be blocked from registering for a future semester.

### **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](http://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 for state financial aid. However, federal aid will pay for one previously passed repeated course.

Check the College website ([www.sunysuffolk.edu](http://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](http://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. 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](http://www.sunysuffolk.edu), which includes both direct and indirect cost) 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. 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

TAP (State) School Code – 2157

### Ammerman Campus

Ammerman Bldg. Room A16  
533 College Road  
Selden, NY 11784-2899  
631-451-4072 (phone),  
631-451-4640 (fax)  
[faammerman@sunysuffolk.edu](mailto:faammerman@sunysuffolk.edu)  
FAFSA Title IV Code: 002878

### Eastern Campus

Peconic Bldg. Room 230  
Riverhead, NY 11901-3499  
631-548-2525 (phone),  
631-548-3651 (fax)  
[faeast@sunysuffolk.edu](mailto:faeast@sunysuffolk.edu)  
FAFSA Title IV Code: 014153

### 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](mailto:fawest@sunysuffolk.edu)  
FAFSA Title IV Code: 013204

## 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 at [www.fafsa.ed.gov](http://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.

### Rights and Responsibilities

The Financial Aid Office is committed to encouraging and creating Higher Education Access and opportunity to the residents of our service area. These commitments exist from initial recruitment to final graduation without hesitation or compromise. The Financial Aid Office is intended to provide full financial aid services to the entire population that needs such assistance. The commitment is in place at all campuses of Suffolk County Community College and is implemented with full endorsement.

All Financial Aid Students:

- Must have a final official high school transcript, proof of General Education Diploma (GED) or acceptance under the Ability to Benefit (ATB) program. (Note: Beginning fall 2012 students without a high school diploma or GED are no longer eligible for federal aid.)
- Must maintain matriculation (enrollment in a degree or certificate program) in order to continue to receive financial aid.
- Must maintain satisfactory academic progress in their program of study. Details may be found in the College Catalog and on our website at Financial Aid/Maintain Eligibility.
- Can only receive financial aid for courses which fulfill their current degree and graduation requirements.
- Must be enrolled in a least one class that starts the first week of the term (15 weeks in length).
- Student Aid Report must be correct and complete by the last day of enrollment.
- Must activate their college email account as most official correspondence including Financial Aid will be sent via email.
- Must notify the Financial Aid Office of any outside grants, scholarships or reimbursement they are entitled to for the

academic period covered by this award letter.

- Approved Financial Aid will be deducted from student's bill. If your financial aid exceeds the bill, the student will receive a refund approximately 7 days after the start of the semester. All excess financial aid funds (excluding APTS or Loans) may be used to purchase books in the college bookstore.

### 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., 2016 for the 2016-2017 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 2015-2016 range from \$626 to \$5775 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 \$100 to \$1200 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 \$4,570 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 3 credit-bearing courses in their first semester receiving TAP. A minimum 6 credit-bearing courses each semester after that towards 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 6-11.5 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 college-level credits but less than 12 credits toward the current degree program per semester.

## Disbursement Process

All aid including grants, scholarships and loans are disbursed in a timely fashion.

All Direct Student Loans are reported and disbursed within three days. When loan funds are disbursed if the student has other aid to cover their bill a refund check is sent directly to the student within 7 days of the start of semester. The Loan Disbursement process occurs weekly throughout the academic year.

All scholarships are disbursed after the add/drop period. Funds are used to pay the students bill and for any excess funds a refund check is mailed to the student directly.

All grant aid is disbursed beginning the end of add/drop – TAP is disbursed first as by regulation TAP must pay tuition and fees. As payment rosters are received from New York State the disbursement process occurs weekly.

Pell and SEOG Grants are paid the following week and any excess grant aid is sent to the student via a refund check. This is an ongoing weekly process throughout the academic year.

## FEDERAL AND STATE FINANCIAL ASSISTANCE PROGRAMS

Program	How to Apply	Award	Income Criteria	Enrollment
Federal Pell Grant (Pell)	<i>fajsa.ed.gov</i>	\$313-\$2888 / semester; \$626-\$5775 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>fajsa.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>fajsa.ed.gov</i>	\$3000 Annually; \$9.00-\$10.50 / hour; Summer \$2000	Same as above – Demonstrating financial need	Available for both part- and full-time study
Federal Direct Loan	<i>fajsa.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	<b>Subsidized Loan:</b> Same as above – must also demonstrate “financial need;” <b>Unsubsidized Loan:</b> no income criteria	Minimum 6 credits / semester
Federal Direct Parent Loan	<i>fajsa.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>fajsa.ed.gov</i> and Express TAP Application (ETA)	Minimum: \$125 / semester Maximum: full tuition or \$2285 / semester	<b>Dependent Students and Independent Students with Dependents:</b> NYS taxable income not to exceed \$80,000; <b>Single Independent Students:</b> 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>fajsa.ed.gov</i> and APTS application	Not to exceed total tuition, or up to \$1000 / semester	<b>Single/Independent/no dependents:</b> NYS taxable income not to exceed \$34,250; <b>Dependent Student or Independent with Dependents:</b> NYS taxable income not to exceed \$50,500	Part-time study only (3-11 credits / semester)
NYS Part Time TAP application	<i>fajsa.ed.gov</i>	Award pro-rated	<b>Dependent Students and Independent Students with Dependents:</b> NYS taxable income not to exceed \$80,000; <b>Single Independent Students:</b> NYS taxable income not to exceed \$10,000	6-11 credits Must have been full-time in the two preceding terms

## 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 \$2,000 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 Tax Credit makes credit available to a broader range of taxpayers, including many with higher incomes and those who owe no tax. It also adds required course materials to the list of qualifying expenses and allows the credit to be claimed for four postsecondary education years instead of two. Many of those eligible will qualify for the maximum annual credit of \$2,500 per student. 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.acces.nysed.gov/vr](http://www.acces.nysed.gov/vr).

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

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

## 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 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.

## 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. Students can view their loan history on the Department of Education website at [www.nslds.ed.gov](http://www.nslds.ed.gov).

### 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 4.29%. For more information regarding loan repayment and an estimate of your monthly repayment, please visit the Department of Education website at [www.studentloans.gov](http://www.studentloans.gov).

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 4.29%. 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.

For more information regarding loan repayment and an estimate of your monthly repayment, please visit the Department of Education website at [www.studentloans.gov](http://www.studentloans.gov).

### 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 6.84%.

### Entrance Counseling

Entrance Counseling is required before you can receive your first Direct Subsidized Loan or your Direct Unsubsidized Loan as an undergraduate. The Entrance Counseling process enables students to make good decisions as to the dollar amount borrowed and their rights and responsibilities as a student loan borrower.

- If your financial aid award offer does not include a student loan and you wish to borrow funds for your education, complete the Student Loan Request/Adjustment Form and submit to your campus financial aid office.
- First time borrowers must complete an entrance interview at [www.studentloans.gov](http://www.studentloans.gov).
- If you were awarded a loan you must sign your electronic Master Promissory Note (e-MPN) at [www.studentloans.gov](http://www.studentloans.gov).
- You must sign the e-MPN before the Department of Education can release your funds. You will need to sign the e-MPN using your Federal ID Number.

- The Department of Education will send you a loan disclosure notice which indicates your loan approval and/or denial as well as the type of loan and amount.
- Loans will not be deducted from your tuition bill until the above steps are taken. It is recommended that you complete these steps before June 30<sup>th</sup> for the fall semester and December 10<sup>th</sup> for the spring semester.
- Loan funds are disbursed during the first week of each term with the exception of new first-time borrowers where loan funds are released 30 days from the start of the semester.

### Exit Counseling

Upon completing your studies or ceasing half-time enrollment, you must complete an exit interview. This may be done at [www.studentloans.gov](http://www.studentloans.gov) or in person at your campus financial aid office. The exit interview covers:

- average anticipated monthly repayment amounts
- repayment plan options
- options to prepay or pay on shorter schedule
- the seriousness and importance of the student's repayment obligation
- terms and conditions for forgiveness or cancellation
- rights and responsibilities of students under Title IV, HEA loan programs
- terms and conditions for deferment or forbearance
- consequences of default
- options and consequences of loan consolidation
- tax benefits available to borrowers

### 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/Family Literacy 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 as well as positions with the College bookstore and cafeteria services. **These jobs are not based on the student's financial need.** Information on **off-campus**, part-time and full-time employment is available through Suffolk's Job Connection located in the student portal, MySCCC, on the College website.

### 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 at [www.fafsa.ed.gov](http://www.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 eligibility information is available in the chart on the page 46.

#### 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](http://tapweb.org).

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

After filing a FAFSA, if attending part-time 3-11.5 credits, students can request an APTS application from the Campus Financial Aid Office or print the application from our website under Financial Aid Printable Forms. Once completed it will need to be returned to the campus Financial Aid Office with a copy of your NYS Tax Return.

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. 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](http://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 are required to satisfy certain conditions in their next semester. Grades of INC, 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 a 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 for state aid and are allowed to repeat a successfully completed course only once for federal aid. 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 [www.sunysuffolk.edu/stem](http://www.sunysuffolk.edu/stem) for further information.

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

Tuition Assistance Program established by the Suffolk County Legislature is 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 [department.suny-suffolk.edu/GetThereFromHere/index.asp](http://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](http://www.suny-suffolk.edu/SoLII).

### Scholarships for Entering Freshmen

American Hellenic Educational Progressive Association (AHEPA)  
 American Technical Ceramics Corporation for Engineering Science, Electronics and Manufacturing Technology Students  
 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  
 Zachary L. D'Abreu  
 John A. DeFina Memorial  
 Full Deck  
 General Academic Merit  
 Long Island Street Rod Association  
 Giuseppe A. Nigro Lodge, Mother Cabrini  
 Robert T. Kreiling

Giuseppe A. Nigro Lodge No. 2234, OSIA,  
Mother Cabrini  
Vincent O'Leary  
Smithtown Stitches  
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/Pevey 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  
Michael Stryska 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 Kringsman Memorial  
Christina and Gaspare L. LaSala  
Ron Lipp Memorial  
Louise B. Perkal 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  
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  
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  
Human Resources Club  
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 Plourd Memorial/AME  
Laura Provenzano  
Annette Rapkin  
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/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](http://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

## Alumna Profile

### Vanessa J. Herman – Class of 1991

#### *Current Occupation:*

Assistant Vice President for Government and Community Relations at Pace University

#### *Why I Chose Suffolk:*

“Interested in a career in law enforcement, I chose Suffolk because it was ranked as a top community college with a reputable and exceptional Criminal Justice Program. During my time at Suffolk, I played soccer and was team co-captain. My experience at Suffolk, both in the classroom and on the soccer field, was exceptional. It changed my life. When I look back on my time in college, hands down, my best learning experiences happened there.”

#### *Academic and Career Highlights:*

In addition to her A.A.S. degree from Suffolk, Ms. Herman holds a B.A. in Political Science / Sociology and an M.A. in Literature, both from Stony Brook University. She was previously the Assistant Director of Governmental Relations at Stony Brook University and the Director of Government and External Relations at Applied DNA Sciences (APDN), a bio-tech company that utilizes botanical DNA as a security measure and criminal deterrent. Earlier in her career, she worked for then U.S. Senator Alfonse M. D’Amato (R-NY) in various positions including Press Secretary, Executive Assistant and the first-ever Director of Community Relations in New York City.









# Student Affairs

## INTRODUCTION

The Division of Student Affairs is committed to shared responsibility for transformative student learning that fully supports students in their pursuit of their educational and career goals. The philosophical approach is grounded in the seminal text, *Learning Reconsidered 2*, a student affairs, peer reviewed document adapted internationally as the standard for the Student Affairs profession. The Division of Student Affairs is dedicated to engaging students in the learning process by building and supporting inclusive campus communities. As outlined in *Learning Reconsidered 2* students move through social, academic and institutional contexts, all of which provide opportunities for students to learn. Through intentional engagement students are exposed to cognitive thinking, global awareness, interpersonal communication and intrapersonal well-being. The Division of Student Affairs views all student interactions as an opportunity for growth and development and welcome the opportunity to partner with students as they navigate their educational pursuits.

## COUNSELING CENTER AND/OR STUDENT SUCCESS CENTER

The Centers on each campus offer the following services:

### Academic Advising

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

- Assistance with course selection to meet academic goals
- Information regarding College academic policy

- Assistance in resolving academic issues and concerns
- Testing Center

### Career Services

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. Career counselors/ advisors 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 student portal. There are a plethora of web-based career resources at [www.sunysuffolk.edu/Students/Career.asp](http://www.sunysuffolk.edu/Students/Career.asp).

- Help with exploring interests, values, abilities and other needs as they relate to choosing a career
- Guidance in gathering information on careers and occupations via the internet
- Use of various career and educational assessment tools used in assisting in career and education planning

### Mental Health Services

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.

- Crisis intervention and brief psychological services for students in distress
- Short-term counseling to resolve issues interfering with success in college
- Referral to off-campus agencies and mental health practitioners
- Group workshops on stress management, test anxiety, depression, and other topics related to mental health
- Mental Health Awareness Weeks, including information on community services and workshops on mental health topics

### Transfer Counseling

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.

Every 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 programs can be obtained from any campus admissions office, campus counseling

center, Central Admissions Office, or at [www.sunysuffolk.edu/Students/Transfer.asp](http://www.sunysuffolk.edu/Students/Transfer.asp).

- Assistance in evaluating educational options and identifying transfer institutions
- Guidance in gathering information on colleges and academic programs
- Advice concerning the admissions process
- Online research opportunities
- Opportunities to meet with college representatives throughout the year
- College Transfer Day

### Disability Services

The Office of Disability Services provides services and accommodations to students with disabilities so they can participate in all aspects of college life. Requesting academic adjustments at the college level is the student's responsibility and students are required to self-disclose a disability to the College in order to receive accommodations. Reasonable accommodations are adjustments to policies, practices and procedures that "level the playing field" with disabilities as long as such adjustments do not lessen academic or programmatic requirements. Accommodations are determined on a case-by-case basis, after a Disability Services Counselor meets with the student and considers both the student's needs as described in their disability documentation and the technical academic standards of their course or program. Under the direction of the College Assistant Director of Disability Services, counselors are available on each campus (i.e., Disability Services at Ammerman Campus and the Counseling Centers on the Eastern and Michael J. 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 tape recorders, sign language interpreters, note-taking services and adaptive equipment.

Arrangements and delivery of student accommodations are handled privately. Additional information about Disability Services can be found at [www.sunysuffolk.edu](http://www.sunysuffolk.edu).

Counseling services are provided on each campus in the following locations:

#### AMMERMAN CAMPUS

*Counseling Center*

Ammerman Building, Room 209

Phone: 631-541-4053

## EASTERN CAMPUS

*Student Success Center*  
Peconic Building, 2nd Floor  
Phone: 631-548-2527

## MICHAEL J. GRANT CAMPUS

*Counseling Center*  
Caumsett Hall, Room 20  
Phone: 631-851-6250

## STUDENT LIFE

### Office of Campus Activities and Student Leadership Development

The Office of Campus Activities and Student Leadership Development provides programs, activities, and services that promote student growth and development outside of the classroom. Through SCCC leadership initiatives, students will gain competency in the areas of self-awareness, interpersonal interactions, communication, productive relationships, civic responsibility and social justice. Working in collaboration with faculty and staff, a wide array of educational, cultural, leadership, social and recreational programs are offered that promote student learning and development.

### Multicultural Affairs

The primary goal of Multicultural Affairs is to foster an atmosphere of pluralism and inclusion where diversity is respected and celebrated. To accomplish this, Multicultural Affairs offers an array of co-curricular activities that are designed to recognize the unique contributions and traditions of the various cultural, ethnic, gender, religious, and social groups in our society. These groups include, but are not limited to African-Americans, Latino, Native Americans, Asians/Pacific Islanders, women and the LGBT (lesbian, gay, bisexual and transgender) population. Acknowledging diversity includes welcoming the exploration of difference in opinion, thought, perception and perspective. Activities designed to increase awareness and instill cultural sensitivity include off-campus trips, multicultural luncheons/dinners, educational displays, traveling exhibits, workshops, classroom presentations and cultural clubs and intergroup collaboration. The College Office of Multicultural Affairs publishes a monthly newsletter highlighting the programs, activities and events planned and provided by Multicultural Affairs.

The Multicultural Affairs offices are located at:

## AMMERMAN CAMPUS

Babylon Student Center, 1st Floor  
631-451-4812

## EASTERN CAMPUS

Peconic Building, Room 112  
631-548-2634

## MICHAEL J. GRANT CAMPUS

Captree Commons, Room 110  
631-851-6341

### 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 Athletic Director, 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 Michael J. 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. 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 seven music groups. These groups are the Symphonic Band, Jazz Ensemble, College Choir, Suffolk Singers, Guitar Ensemble, College 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. Mainstage Performances are offered on the Ammerman Campus and occasionally on the Michael J. Grant and Eastern Campuses. Students are encouraged to become involved regardless of home campus or major. Audition notices are sent to students Suffolk email address. Students can earn academic credit for work through THR151.

The Michael J. Grant Campus offers the Lively Arts Series which brings professional performances to the Van Nostrand Theatre.

Students may receive one free ticket to any performance with their College ID.

## 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

The Ammerman and Michael J. Grant campuses have on-site campus child care centers that provide quality early childhood education 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 3:30 p.m., Monday through Friday during the fall and spring semesters. Child care is available

for children ages six weeks through five years of age. For more information, contact Campus Kids at 631-451-4388.

The Michael J. Grant Campus facility is 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 during the fall and spring semesters. Care is provided for children ages six weeks through five years of age. For more information, call Suffolk Kids' Cottage at 631-851-6517.

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

## DINING SERVICES

In time for the fall 2015 semester, the College announced that it is working with a new preferred vendor for dining services, Aramark Higher Education. Together, Suffolk and Aramark will be creating enhanced dining experiences by transforming the campus dining environments, bringing a mix of national and proprietary restaurant brands, providing knowledgeable chefs, fresh food and health eating options. As part of the transition, the College implemented a \$100 meal plan charge per semester for students taking nine credits or more on the Ammerman and Michael J. Grant campuses. These funds are then made available for use by students purchasing food or drinks in any of the campus dining locations and from campus vending machines. Purchases made through the meal plan are tax-free, creating significant dining value. Visit [www.sunysuffolk.edu/aramark](http://www.sunysuffolk.edu/aramark) for more information and answers to frequently asked questions. Aramark Dining Services handles all catering requests for events on campus.

Dining services are available in the following locations on each campus:

### AMMERMAN CAMPUS

Babylon Student Center  
Southampton Building  
631-451-4378

### EASTERN CAMPUS

Peconic Building  
631-548-2534

Dining services on the Eastern Campus are sponsored by the College's Association.

### MICHAEL J. GRANT CAMPUS

Captree Commons  
Health, Sports and Education Center  
631-851-6759

## BOOKSTORES

Campus bookstores are operated by Follett Higher Education Group, which sells both new and used books and buys back used books at the end of each semester. It sells College clothing, school supplies, backpacks, gift items and graduation attire. The bookstore accepts the following forms of payment: Visa, MasterCard, American Express, Discover Card, validated personal checks and cash. Books can be ordered and shipped through their online website.

The Bookstore is located on each campus at:

### AMMERMAN CAMPUS

Babylon Student Center, lower level  
Phone: 631-451-4379

### EASTERN CAMPUS

Peconic Building, Room 221  
Phone: 631-548-2554

### MICHAEL J. GRANT CAMPUS

Captree Commons, Room 111  
Phone: 631-851-6768

### SAYVILLE CENTER

Online at [www.sunysuffolk.edu/Students/Bookstore.asp](http://www.sunysuffolk.edu/Students/Bookstore.asp).

### CULINARY ARTS CENTER

Eastern Campus Bookstore or  
Online at [www.sunysuffolk.edu/Students/Bookstore.asp](http://www.sunysuffolk.edu/Students/Bookstore.asp).

## Alumnus Profile

### Cleave E. Guyton Jr. – Class of 1981

#### *Occupation:*

Musician, currently a member of the world-famous Count Basie Orchestra

#### *Favorite Thing About Suffolk County Community College:*

"While attending Suffolk, I studied with many knowledgeable professors who helped me attain the skills and discipline I needed to be successful in my musical endeavors. I look back on those formative years with great fondness."

#### *Academic and Career Highlights:*

After completing his studies at Suffolk, Mr. Guyton continued to pursue his musical education and in 1985 he graduated with a bachelor's degree from Berklee College of Music. His musical career started to take off and he began to see his dream become a reality. In 2009, he received a master's degree from The Aaron Copeland School of Music in Queens, New York.

Mr. Guyton has been fortunate to have worked with great artists such as: Aretha Franklin, Chaka Khan, Tito Puente, Abdullah Ibrahim, Joe Henderson, Stanley Turrentine, Dizzy Gillespie, The Duke Ellington Orchestra, Jon Hendricks, The Ray Charles Orchestra, Lionel Hampton, The Cab Calloway Orchestra, Spike Lee, Late Night with Conan O'Brien, The Boys Choir of Harlem, and many more.









# Academic and Student Policies

## ACADEMIC POLICIES

### Prerequisite and Course Registration Policy

All course prerequisite requirements must be met and verified by students prior to registration. This condition will be considered provisionally satisfied for registration purposes when it is assumed that these courses will be successfully completed prior to the start of courses that require 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 registration.

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/Prospects/nondegree.asp](http://www.sunysuffolk.edu/Prospects/nondegree.asp)). 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. Students who do not have these documents will be given the Computerized Placement Test (CPT) to provide guidelines for placement.

Non-matriculated students registering for courses online are directed to email or fax the Prerequisite Waiver Request Form 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, the Academic Dean will approve or reject the requested prerequisite waiver.

### 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 in-

surance, 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.

## 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:

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

Grades of W/U/R/INC/F may affect a student's academic progress. At the end of a semester, any course with those grades can result in a student being placed on probation, dismissal, and/or losing financial aid. Students will be deregistered from courses where a prerequisite was not successfully completed due to a grade of W/U/R/INC/F.

### 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 or will become a U for students in a remedial course.

### S SATISFACTORY

This grade is given only for developmental courses, which do not satisfy degree requirements: RDG096, RDG098, RDG099, ENG009, ENG010, ESL011, ESL012, ESL013, ESL014, ESL015, ESL016, ESL017, ESL018, MAT001 and MAT001L. S grades are not used in grade point average computations.

#### SA,SB,SC

These grades are used for MAT006, MAT007, MAT007L, and MAT009 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, MAT001L, MAT006, MAT007, MAT007L, MAT009, RDG096, RDG098, RDG099, ENG009, ENG010, ESL011, ESL012, ESL013, ESL014, ESL015, ESL016, ESL017, and 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, MAT001L, MAT006, MAT007, MAT007L, MAT009, RDG096, RDG098, RDG099, ENG009, ENG010, ESL011, ESL012, ESL013, ESL014, ESL015, ESL016, ESL017, and ESL018. The R grade indicates the need for a student to re-register 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: Suffolk County residents 60 years of age or older 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 provide 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:

- a. 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.

- b. 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.

### Academic Review

- a. Following a **change of curriculum or option**, 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, will 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 Academic Affairs to have his/her average computed. *A student may have this rule applied to only one change of curriculum or option at the College.*
- b. A student who is **readmitted to SCCC after an absence of two or more consecutive semesters** and has successfully completed 12 credits after readmission with a 2.0 average, may petition the Campus Office of the Associate Dean for Academic Affairs for a review of his/her previous SCCC transcript. The transcript will be reviewed and grades of D+, D and F will 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 before graduation.*

Note: Once a student has authorized a transcript review as described in as an option above, he/she indicates an 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. An academic review includes ALL grades of D+, D and F. Once implemented, the actions taken pursuant to this policy are not revocable.

### Academic 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 stan-

dards 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. Once 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 part-time 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 and official transcript.

### Academic 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 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 Campus Office of Academic Affairs. Appeals for reinstatement are considered by the campus Academic Appeals Board.

Should the Campus Office of Academic Affairs grant the appeal, the student shall be reinstated with probationary status.

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 regain 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.

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

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 disciplin-

ary 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. Withdrawal forms can be found on the college website at [www.sunysuffolk.edu/students/withdrawcourse.asp](http://www.sunysuffolk.edu/students/withdrawcourse.asp) or in the MySCCC portal. They are submitted to any 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 not reflect these courses.

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 academic probation or academic dismissal on pages 65-66.

### 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 towards the GPA.*

### 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 on each campus from the office of the 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) and Student Support Services (SSS). 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 Option

When a matriculated student decides to change his/her curriculum for the forthcoming semester, he/she must file a "Records Change Form." The form is to be returned to the Campus Registrar's Office.

Students who want to change to a restricted curriculum should consult the catalog for ad-

mission criteria and submit the "Readmission/Request for Change to a Restricted Program" form to the Campus Admissions 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.

## 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. This form can be found at any Campus Admissions office.

## Readmission

Students who have previously attended Suffolk County Community College and wish to return for full-time study and are in "good academic standing" 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. Students who have previously attended Suffolk, but are not in good academic standing, must see a Campus Associate Dean of Academic Affairs.

## 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 the Suffolk County Community College Core Education Graduation Requirements as specified on pages 89-90.
4. Satisfactorily complete any developmental courses (or course sequences) into which they were placed.
5. Complete the course requirements with 60 credits or more in their curriculum



as specified in the Curricula section on pages 89-181.

6. Complete at least 30 resident credit hours of the required course work offered by Suffolk County Community College. Resident credits specifically exclude advanced placement, challenge examination, CLEP, portfolio, and all categories of transfer credit.
7. Not use extra credits from courses already taken in lieu of any individual course requirement in any curriculum.
8. Pay or satisfactorily adjust all college fees and meet all other obligations.
9. As a matriculated student, file an Application for Graduation online or in the Campus Registrar's Office. Application deadlines are December 1 for January graduation, April 1 for May graduation and May 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.

**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.*

### **College Seminar Requirement**

Full-time day students in all programs must successfully complete COL101: College Seminar or equivalent. See page 92 for a list of equivalent courses. Students are expected to enroll in this class in their first semester. Students who have taken a college seminar course are not required to enroll in an additional one, even if it is specific to their program. The College Seminar requirement 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 may also waive the college seminar requirement.

## **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. These are then sent for approval to the appropriate Campus Associate Dean. Requests for substitutions will be evaluated on the basis of the equivalence of the proposed substitution to the curriculum requirement.

The physical education requirement may be waived for students who complete at least half of their curriculum requirements as part-time students or as full-time evening students. Students with a documented medical waiver will be required to take PED130: Lifetime Fitness. Honorably discharged veterans with at least 18 months of active service may receive two credits of physical education.

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 Campus 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 and carry a College photo identification card. The ID card is needed to access library and computer center services, and for use with the College's meal plan. It must be presented in College offices in order to receive services. Schedule and locations of ID card stations can be found on the College website. Replacement cards are available for a cost of \$12. Once the semester begins, registered students without a Suffolk County Community College ID card will be billed a \$25 card non-

compliance fee and will be denied services until the card is obtained. Photographs for ID cards are taken in the following locations:

#### **AMMERMAN CAMPUS**

Registrar's Office, Ammerman Building  
Campus Activities, Babylon Student Center  
Public Safety, Annex Building

#### **EASTERN CAMPUS**

Peconic Building, Public Safety Office 119

#### **MICHAEL J. GRANT CAMPUS**

Public Safety, North Cottage

### **Student Code of Conduct**

The college community is committed to fostering a campus environment that is conducive to academic inquiry, a productive campus life and thoughtful study and discourse. The student conduct program within the Division of Student Affairs is committed to an educational and developmental process that balances the interests of individual students with the interests of the college community. The Code of Conduct is located on the website at [depthome.sunysuffolk.edu/LegalAffairs/Docs/F7\\_Student\\_Code\\_of\\_Conduct.pdf](http://depthome.sunysuffolk.edu/LegalAffairs/Docs/F7_Student_Code_of_Conduct.pdf).

### **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 [depthome.sunysuffolk.edu/LegalAffairs/Docs/BOTPolicies/InfoTechPolicyStudents.pdf](http://depthome.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.

### **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.

### **Medical Leave**

A Medical Leave may be granted, upon request, to any matriculated student who is unable to attend classes for an extended period of time due to a documented illness, injury, or medical or psychological condition. Under the aforementioned circumstances, a Medical Leave may be granted to a student who is forced to withdraw during a semester as well as to a student who is unable to enroll in a subsequent semester. To request a Medical Leave, students should follow the procedure outlined below.

1. Request a Medical Leave, in writing during the semester they withdraw, from the Campus Associate Dean of Student Services. The request must indicate the medical reason and the period of the leave. Documentation by a physician or other appropriate health care provider is required.
2. In the event that a student is incapable of requesting a leave him/herself, the request may be submitted by a parent, spouse, or other appropriate individual. In such cases, documentation of the student's incapacity must be provided by the appropriate health care provider.
3. The Campus Associate Dean of Student Services shall have the final authority to determine whether the request for a Medical Leave is granted. All such determinations shall be made in writing.
4. In the event that a Medical Leave is granted, the Associate Dean shall: complete the class withdrawal process for the student (i.e., if initiated and not previously completed); and authorize a leave of absence for the student from the

Admissions Office (i.e., if the student is enrolled in a restricted curriculum with limited seat availability).

5. Being granted a Medical Leave during a semester does not mean that a student's grades or financial aid will not be negatively impacted, nor does it mean that the student will be entitled to a tuition refund. Accordingly, students should be aware that existing policies will be followed in making these determinations. Whenever possible, students are strongly encouraged to determine the consequences of withdrawing during a semester before requesting a Medical Leave.

## Medical Suspension

Suffolk County Community College strives to promote the health and safety of all members of the college community by providing services in the areas of student health, counseling, and public safety and by enforcing student conduct regulations. In accordance with law, and in order to ensure that the institution and its members may carry out their proper activities without substantial interference or danger of physical harm, the College has implemented its policy and procedures for the medical suspension of students. A student may be subject to medical suspension if it is determined that the student is suffering from a physical, emotional, or psychological condition, and, as a result of this condition, engages, threatens to engage, or may engage in behavior that:

1. Reasonably poses a danger or threat of causing physical harm to others; and/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.

The complete Medical Suspension Policy is available on the College website at [depthome.sunysuffolk.edu/LegalAffairs/Docs/BOTPolicies/F8\\_Medical\\_Suspension\\_Policy\\_updated\\_081715.pdf](http://depthome.sunysuffolk.edu/LegalAffairs/Docs/BOTPolicies/F8_Medical_Suspension_Policy_updated_081715.pdf).

## Tobacco Products

On August 27, 2015, Suffolk County Community College officially became tobacco-free. In order to provide a clean and healthy environment for all students, employees and visitors, the College implemented a tobacco-free policy that will:

- Protect Suffolk students, faculty, staff and visitors from unwanted and involuntary exposure to tobacco and passive smoke;

- Prohibit the use of all tobacco and tobacco-derived products on all College grounds;
- Provide resources for tobacco users to get the help they need to quit for good.

We encourage all individuals who use tobacco and tobacco-derived products to access smoking cessation programs and services at the College's Health Services Offices. We invite tobacco users to review the tobacco-free policy and explore the many resources available at [www.sunysuffolk.edu/tobaccofree](http://www.sunysuffolk.edu/tobaccofree). This policy shall be strictly enforced and violators will be subject to conduct procedures outlined in the Student Code of Conduct and/or fines.

## Sexual Violence, Sexual Harassment Prevention and Title IX

Suffolk County Community College prohibits its sexual harassment and sex discrimination including sexual violence, domestic violence, dating and intimate partner violence, stalking, sexual coercion or other threats of violence or intimidation. These can be verbal, non-verbal, physical, written or electronic (i.e. text or social media).

The College is committed to providing options, support and assistance to victims/survivors to ensure they can continue to participate in college-wide and campus programs, activities and employment. The College has prevention, training and educational programs in place to protect all members of the college community. These include information about how to report, on- and off- campus resources, rights and responsibilities. Students have rights, regardless of whether the crime or violation occurs on campus, off campus, or while studying abroad. The "Student's Bill of Rights" is located on the College website at [depthome.sunysuffolk.edu/LegalAffairs/Docs/BOTPolicies/sccc\\_sexual\\_violence\\_bill\\_of\\_rights\\_flyer\\_fall\\_2015.pdf](http://depthome.sunysuffolk.edu/LegalAffairs/Docs/BOTPolicies/sccc_sexual_violence_bill_of_rights_flyer_fall_2015.pdf)

## Sexual Harassment

To report an allegation of sexual harassment, you may contact the Associate Dean of Student Services on the campus where the alleged incident occurred or the Title IX Coordinator. To receive immediate assistance, call Public Safety at 631-451-4242. The policies and procedures apply to students, faculty, staff, visitors and guests and are located on the College website at [department.sunysuffolk.edu/LegalAffairs/5122.asp](http://department.sunysuffolk.edu/LegalAffairs/5122.asp).

## Options for Reporting Sexual Violence

All students have the right to make a report to Public Safety, local law enforcement and/or

State Police or choose not to report; to report the incident to the College; to be protected by the College from retaliation for reporting an incident, and to receive assistance from the College. Contact Public Safety at any time by calling 631-451-4242. In case of emergency, call 911 to contact local law enforcement. To contact the New York State Police 24-hour hotline call 1-844-845-7269. If you are a victim of sexual violence, the College has a trained team from Student Affairs, Public Safety, and the Title IX Coordinator and Deputy Coordinators. This team provides information to you about your rights, notifies you about resources, and offers reasonable interim measures, such as a change in schedule, a no-contact order or other actions.

Anyone who experiences, observes, or hears about an incident should report it to the Title IX Coordinator. The Title IX Coordinator oversees the complaint process, answers questions, and offers assistance and services to anyone experiencing harassment, discrimination or sexual violence. Mental Health Services coordinators and Student Health Services are privileged and confidential resources that will not report crimes to law enforcement or College officials without your permission, except for extreme circumstances, such as a health and/or safety emergencies.

### Sexual Violence and the Law

New York State Law contains legal provisions defining the crimes related to sexual violence. The College's Annual Security report is updated annually according to federal law and lists important definitions related to these and other crimes. To review them, visit the College website at [www.sunysuffolk.edu/dept\\_docs/About\\_SCCC/Safety.pdf](http://www.sunysuffolk.edu/dept_docs/About_SCCC/Safety.pdf).

### Anti-Discrimination Policy

Discrimination and harassment on the basis of race, color, national origin, religion, creed, age, disability, sex, gender identity, sexual orientation, familial status, pregnancy, predisposing genetic characteristics, military status, domestic violence victim status, or criminal conviction is prohibited by both state and federal law. Students, employees, applicants and other members of the college community (including but not limited to vendors, visitors and guests) may not be subjected to discrimination and harassment that is prohibited by law, or treated adversely on the basis of a protected characteristic. The College will not tolerate discrimination under any circumstances.

Whenever an alleged violation of this policy

is brought to the College's attention, a prompt and equitable investigation will be undertaken and, if a violation is found, prompt and effective corrective action will be taken. Complaints and investigations will be kept confidential to the extent possible. Retaliation against a person who files a complaint, serves as a witness, or assists or participates in any manner with these procedures, is strictly prohibited and may result in disciplinary action.

To report an allegation of discrimination, you may contact the Associate Dean of Student Services on the campus where the alleged discrimination occurred or the Office of the Compliance Officer/Legal Affairs. To receive immediate assistance, call Public Safety at (631) 451-4242. The policies and procedures apply to students, faculty, staff, visitors and guests and are located on the College website at [department.sunysuffolk.edu/LegalAffairs/5121.asp](http://department.sunysuffolk.edu/LegalAffairs/5121.asp).

## Campus Safety, Emergency Information and Parking

Program your cell phones to (631) 451-4242 for 24/7/365 campus emergency response or dial 311 from any campus phone. You can also use 911 at any time. When you call, be sure to indicate the nature of your problem and location.

### Public Safety and Fire Safety

The Public Safety staff is available to assist students, faculty, and staff with public safety issues and concerns. Public Safety will take reports on all crimes, accidents, and incidents. If necessary, Public Safety will involve outside law enforcement. Public Safety is charged with enforcing campus parking and other College policies. Public Safety is also responsible for environmental health, lab safety and fire safety. For further information visit the Office of Public and Fire Safety website at [www.sunysuffolk.edu/About/PublicSafety.asp](http://www.sunysuffolk.edu/About/PublicSafety.asp).

Situated in the buildings on campus are Safe Havens, which provide telephone access to Public Safety for emergency and safety-related usage. Blue light emergency phones are located in several locations on all campuses. If you are uncomfortable walking on campus, call 451-4242 to utilize the campus escort service.

Public Safety is located at the following locations:

#### AMMERMAN CAMPUS

107 Annex Building

Phone: 631-451-4242



## **EASTERN CAMPUS**

119 Peconic Building  
Phone: 631-451-4242

## **MICHAEL J. GRANT CAMPUS**

North Cottage  
Phone: 631-451-4242

### **Crime Statistics**

Our campuses are safe environments, but you are encouraged to be aware of your surroundings. Suffolk County Community College provides information on campus crime statistics, safety awareness, crime prevention, sexual assault, alcohol and drug education, bias crimes, and sexual harassment on the College's website at [www.sunysuffolk.edu/Safety.pdf](http://www.sunysuffolk.edu/Safety.pdf). Crime statistics for SCCC, as well as other colleges throughout the United States, are also available on the U.S. Department of Education's website at [ope.ed.gov/security](http://ope.ed.gov/security). For additional information, contact the Director of Public Safety at 631-451-4212 or 631-451-4242.

### **Cancellation of Classes**

Cancellations will be posted on the College website at [www.sunysuffolk.edu](http://www.sunysuffolk.edu). Additionally, please tune to local radio stations (WBLL, WBAB, WALK and WLNG) as well as News12 Long Island to determine if classes are cancelled. Be alert to the time and campus mentioned since closing or cancelling may involve only morning, afternoon or evening classes at a particular campus.

### **Campus Traffic and Parking Regulations**

The following traffic and parking regulations are designed for the safety of all members of the college community. Questions should be directed to your campus Public Safety Office. Public Safety offices are located in the following areas:

#### **AMMERMAN CAMPUS**

107 Annex Building  
Phone: 631-451-4242

#### **EASTERN CAMPUS**

119 Peconic Building  
Phone: 631-451-4242

#### **MICHAEL J. GRANT CAMPUS**

North Cottage  
Phone: 631-451-4242

### **Vehicle Registration**

With the exception of official visitors, all motor vehicles on the campus, including motorcycles, must be registered with the College. If there is an occasion when you have to drive an unregistered vehicle onto the campus, you

must obtain a temporary parking pass from campus Public Safety. Information on how to register your vehicle(s) can be found online at [www.sunysuffolk.edu/About/1159.asp](http://www.sunysuffolk.edu/About/1159.asp) or at your campus Public Safety Office. Vehicles not registered that are ticketed will be cross-checked with the NYS DMV system and the owner of the car will receive the ticket.

### **Speed Limit and Pedestrians**

The speed limit is 15 miles per hour while on any College campus. Pedestrians have the right of way in all marked and striped pedestrian roadway crossings. Please be courteous and yield to pedestrians and oncoming vehicles.

### **Parking Lot Designations**

**WHITE:** parking stalls are for students and visitors

**RED:** parking stalls are for faculty, staff and administrators

**BLUE:** parking stalls are for handicapped vehicles displaying the appropriate permit

Motor vehicles must be parked between the lines. Parking along any roadway or in restricted areas is not permitted. The College, having marked approved spaces, is under no obligation to mark all areas where parking is prohibited. Parking is permitted in designated spaces only. These spaces are marked by parallel lines.

### **Designated Restricted Areas:**

**Fire Zones (yellow):** Areas within 15 feet of a fire hydrant or fire standpipe are fire zones. Each loading zone is also a fire zone. No parking is allowed in fire zones at any time.

**Fire Lanes (yellow):** Fire lanes in parking fields and elsewhere are identified by yellow striping. No parking or "standing" is permitted in these lanes at any time.

**Parking for Physically Disabled (blue):** Only those having a town or state permit may park in these areas.

**Sidewalk and Grassland Areas:** Motor vehicles may not be parked on any sidewalk. Parking on the grass is prohibited unless permitted by Public Safety personnel.

### **Disabled Vehicles**

If your vehicle becomes disabled, notify Public Safety immediately. A disabled vehicle must be removed from the campus within 24 hours or it will be considered abandoned. If a vehicle is abandoned, it will be removed at the expense of the owner.



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## PUBLIC NOTICES REGARDING STUDENT-RELATED POLICIES

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### 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 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 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 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 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.

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# PUBLIC NOTICES REGARDING STUDENT-RELATED POLICIES

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## 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, 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 Vice President for Student Affairs in the Norman F. Lechtrecker Building on the Ammerman Campus.

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## 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 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	Honors and Degrees Awarded
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.

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## 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.

## 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.

## STUDENT SUCCESS RATES

	Retention rate (Fall 2014-Fall 2015)	Graduation rate (150% of time) 2012 cohort	Graduation rate (200% of time) 2012 cohort	Graduation rate (300% of time) 2007 cohort	Graduation rate (400% of time) 2007 cohort	Transfer rate* (150% of time) 2012 cohort	Transfer rate* (400% of time) 2007 cohort	Success rate* (400% of time) 2007 cohort
First-time / Full-time	69%	20%	27%	29%	31%	8%	27%	61%

\* Transfer rate – students who successfully transferred to another institution without graduating from SCCC

\* Success rate – students who graduated, are still studying at SCCC, or transferred to another institution without graduating from SCCC

Data from Integrated Post-secondary Education Data System (IPEDS)

## Alumnus Profile

### Peter Maritato – Class of 1977 and 1979

#### *Current Occupation:*

Professor of Engineering and Industrial Technology and Department Chair at Suffolk County Community College

#### *Favorite Moment at Suffolk:*

“When I was a student here, one of my Suffolk professors, Orville Pfiefer, pulled me aside and told me that I had what it took to be a successful engineer. He also told me achieving success included giving back to the community that supported me. After graduating Polytechnic Institute of New York University, I could work anywhere in the country and I did hold many well-paying positions for more than 17 years. However, the need to give back and the passion I had for Suffolk eventually led me back here to teach students and to share my commitment to innovation and education with the college community.”

#### *Academic and Career Highlights:*

Professor Maritato holds a Master’s Degree in Electrical Engineering from the Polytechnic Institute of New York University. He chose to return to Suffolk County Community College to teach engineering and to direct the College’s first two National Science Foundation Advanced Technology Education (ATE) grants, entitled LIGHTES and LIGHTES2, and serves as Co-Principal Investigator and faculty mentor for the College’s ongoing NSF S-STEM program. He served as Co-Principal Investigator for Suffolk’s 2011-2014 U.S. Department of Labor-sponsored project, entitled Pathways to Opportunities Within Energy and Renewables, which trained over 380 participants and led to employment for 308 completers over four years. He helped develop Suffolk’s Manufacturing Technology A.A.S. degree program, offered for the first time in 2009 that was sponsored by a grant from the U.S. Department of Labor to re-train over 200 unemployed, displaced, and incumbent workers in manufacturing technologies. Professor Maritato has also played a key role in the creation and launch of new College programs related to Cybersecurity and other STEM disciplines.







# Special Academic Programs

## HONORS PROGRAM

The Honors Program offers comprehensive, interdisciplinary learning opportunities for academically talented and highly motivated students. Students learn in an environment typically associated with selective four-year colleges. Classes feature a smaller class size and are intended to provide a more intensive study of topics within the course content. Resources address additional concepts beyond the scope of a corresponding non-Honors class. Classroom environments focus on active learning, featuring student engagement and participation throughout the course. Students take Honors classes that coincide with their main curriculum; students are not expected to take extra classes to graduate.

Students must maintain a 3.3 GPA to remain in the Honors Program and are required to normally take two Honors courses per semester. Students have the benefit of early priority registration, and they must meet with an Honors Program Counselor to select courses each semester. Transfer college advising is provided throughout the program to help students progress to a four-year institution.

Scholarships are available to Honors students each semester and range from a \$500 benefit to full tuition coverage. All Honors students are automatically considered for Honors Program scholarships and will be notified if they have been awarded a scholarship.

The Honors Program is open to all students, part-time or full-time, in all majors, who meet the admission criteria.

### Admission Criteria:

For high school applicants:

- 88 un-weighted average
- SAT composite score of 1100. This is based

on the two part *Evidenced Based Reading and Writing*, and *Math* portions of the exam. Or an ACT composite score of 24.

For SCCC or transfer applicants:

- 3.3 college GPA

Additional evidence of academic promise can also be considered in an holistic evaluation of the applicant.

### Admission Process:

- Complete the Honors Program application (separate from and in addition to the general SCCC application). The application can be printed at [www.sunysuffolk.edu/students/honors.asp](http://www.sunysuffolk.edu/students/honors.asp). Applications are also available at the Honors Program offices.
- Submit transcripts (high school transcript for high school students; any previous college transcript for transfer applicants; unofficial transcript for current SCCC students). High school applicants should also submit standardized test scores.
- Submit a letter of recommendation from

someone who can speak to the applicant's intellectual ability and academic motivation.

- Submit a 500-word personal statement.

### Honors Degree Requirements:

There are two types of Honors Degrees dependent upon how many Honors credits a student is able to acquire.

#### HONORS DIPLOMA

- A minimum of 22 Honors credits.

#### HONORS RECOGNITION

- A minimum of 12 Honors credits.
- Honors Recognition is designed for students who do not have the opportunity to attain 22 Honors credits due to a restrictive major, or who have a limited number of classes remaining at the time of acceptance into the Honors Program.
- Honors Recognition students receive the full array of Honors services.

Some additional classes not labeled Honors classes may be counted towards Honors credits. Speak with your campus Honors Program office for the current list of eligible classes.

Students may also gain Honors credits through Honors Contracts, where the student collaborates with faculty to create an Honors experience in a non-Honors course. Honors Contracts are permitted only when the student has no other alternative for gaining Honors credits. In no situation will a student be allowed to apply more than two Honors Contracts toward a full Honors Diploma, or one Honors Contract toward Honors Recognition. Speak with your campus Honors Program office for more information about Honors Contracts, and to pick up the necessary forms.

Students must have a 3.3 cumulative GPA at the time of graduation in order to be eligible for an Honors Degree.

### Honors Program Offices:

#### AMMERMAN HONORS PROGRAM

Southampton 202  
Phone: 631-451-4391

#### GRANT HONORS PROGRAM

South Cottage 2nd Floor  
Phone: 631-851-6833

#### EASTERN HONORS PROGRAM

Orient 211  
Phone: 631-548-2679

## 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 Fulbright

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.

Your study abroad opportunity may be eligible for financial aid. Please be sure to file a FAFSA and visit your campus financial aid office for additional information.

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 Manufacturing Technology.

## 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. Increasingly, 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](http://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 127-128 of this catalog for more information.

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

<https://www.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. 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.

NSF-STEM scholarship recipients are eligible to apply.

## APPLIED LEARNING

Students have the opportunity to incorporate classroom and applied learning into their degree programs through a variety of methods. Many programs require experiential learning experiences as integral to the degree and other programs provide optional credit-bearing opportunities. The College is committed to experiences that are structured, begin with appropriate orientation and training, are monitored, and include learner reflection and activity assessment and evaluation.

Among the applied learning experiences are practicums in clinical settings; internships in local businesses or agencies; cooperative work experiences; field study; student-faculty research; study abroad; service learning; and opportunities to engage in independent creative expression. Types of experiences and the number offered vary by degree program. The purpose is to ensure that there is integration between classroom theory and practical experience. Often these experiences include a seminar or capstone class which helps students to make that important connection between theory and practice. Through experiential course offerings students can explore a career and prepare for future employment or advanced studies.

Many applied learning experiences have entrance requirements, involve the purchase of student liability insurance, and enrollment may be 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 an applied learning experience is required to complete the curriculum, it is recommended that students begin the application process prior to registration.

Students are encouraged to check the College website for details and contact information. Additional information can also be obtained by emailing department chairs or *Internships@sunysuffolk.edu* or by calling any of the Career Services Offices: Ammerman Campus (451-4049), Michael J. Grant Campus (851-6876) or Eastern Campus (548-2579).

In addition to those credit-bearing experiences, the College provides many applied learning opportunities that do not involve the awarding of academic credit. Students should consult the Student Life section of this catalog for some of these offerings. Lastly, the

Office of Student Services on each campus can provide guidance to students on the scores of opportunities related to community service and engagement, creative expression, leadership development, and campus employment.

## 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.

Visit the website for information and application: [www.sunysuffolk.edu/STEM](http://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 sixteen 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.

## **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 one college credit 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 the Academic Chair of the Biology Department at the Ammerman Campus. Application deadline is March 1.

## **EMPIRE STATE DIVERSITY HONORS SCHOLARSHIP PROGRAM**

The Empire State Diversity Honors Scholarship (ESDHS) Program is funded through New York State. This program is for students from a broad range of backgrounds who will contribute to the diversity of the student body in their campus or academic program. Eligible students must be enrolled in a degree program and have demonstrated high academic achievement characteristics of an honors program. Participants must be U.S. citizens or permanent resident aliens and must be New York residents. Financial need is not a requirement for the program eligibility. Diversity indicators for consideration of the Empire State Diversity Honors Scholarship Program are disadvantaged, with a physical or other disability, first generation college student status, and non-English speaking background. The Empire State Diversity Honors Scholarship Program award can range from one-half the student's cost of attendance or \$3,000, whichever is less.

## **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 take college courses 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 an official college transcript for credits earned is generated. 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 students will experience, firsthand, the rigors of college-level expectations. They can also enhance their college admissions profile, as well as jumpstart 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 an 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 [www.sunysuffolk.edu/Excelsior](http://www.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.

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.

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 guidance office of the participating high school or call the admissions office of the campus of interest.

## CORPORATE TRAINING

The College's Corporate Training Center, located in the Sally Ann Slacke building on the Michael J. 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 Business Writing 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:** training courses may be customized based on client requirements. This customization allows for a more focused approach to training designed to address the unique needs, issues

or problems faced by a company in today's business environment.

### 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 included: Welding, CNC (Computer Numeric Controller) Machine Operator, MasterCAM, Soldering and Electronic Assemblies, PLC (Programmable Logic Controllers), Introduction to Electronics, and AutoCAD. The AMTC is a certified remote testing facility in AWS (American Welding Society), WTII (Welder Training & Testing Institute), NIMS (National Institute of Metalworking Skills), and IPC (Association Connecting Electronic Industries).

### Entrepreneurial Assistance Center and Veterans Business Assistance Center (VBAC)

Entrepreneurial Assistance Center and Veterans Business 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.

### Grant-Funded Training Programs

The Corporate Training Center at Suffolk County Community College has worked with companies to help secure training grants from

**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.

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 to 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 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 Manufacturing Technology and other fields or 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. It has allowed firms to upgrade the skills of existing workers, increase 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, Microsoft Excel, Digital Photography, Financial Overview, 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, safe schools training for teachers, and infection control for medical professionals.

Community education efforts focus on High School Equivalency/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, 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 catering or import/export, solar PV installer, energy auditor, pharmacy technician, and ophthalmic technician training.

### 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 Meditation, CPR, and Health IT.

### 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. Stocks, Bonds and Mutual Fund Investing is popular.

### 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, and direct care workers. In addition, continuing education offers summer 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 64 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.







# Curricula

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For a complete list of Programs of Study offered at SCCC, please see pages 25-28 or go to the SCCC website at [www.sunysuffolk.edu](http://www.sunysuffolk.edu).

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## 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., occupational therapy assistant, paralegal assistant, 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 may include some liberal arts courses, but are designed to provide students with practical knowledge and skills that lead to employment. Certificates vary in length but can generally be completed in one calendar year. Many of the certificate programs can be used as the first stage in an educational program leading eventually to an associate or bachelor's degree.

## SUNY-GER 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 requirements, students must also demonstrate the following competencies, which are infused throughout the General Education program:

1. Critical Thinking (Reasoning)
2. Information Management

Note: See page 189 or 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
College Seminar:	1 credit

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
College Seminar:	1 credit

\*Currently some programs exist with exceptions to one or more of these requirements. Suffolk County Community College Core Education Graduation Requirements are under review.

## SUNY TRANSFER PATHS

The State University of New York (SUNY) has implemented the Seamless Transfer Initiative to assist students, who have obtained an A.A. or A.S. degree at Suffolk County Community College, to transfer to a SUNY four-year institution with junior status.

Seamless transfer is achieved by completing 7 of the 10 SUNY General Education Requirements and passing the required Transfer Path courses within the intended major with a minimum of a "C."

Transfer Paths include lower division course requirements that are common to all SUNY campuses with the similar major. Transfer Paths exist for many degrees at Suffolk County Community College. A list of the existing Transfer Paths can be found at [www.suny.edu/attend/get-started/transfer-students/suny-transfer-paths/](http://www.suny.edu/attend/get-started/transfer-students/suny-transfer-paths/) to determine the courses that should be completed before transferring to the SUNY four-year institution.

## eLEARNING 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 98 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. Unless otherwise noted, 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 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 86.

The Programs of Study chart on pages 25-28 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. This may consist 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 in a combination of these sessions. Any student wishing to enroll for more than 12 credits must receive permission from the Academic 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. Visiting students need to refer to this website for enrollment information: [www.sunysuffolk.edu/Prospects/NonDegree.asp](http://www.sunysuffolk.edu/Prospects/NonDegree.asp).

## 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 most 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 or academic departments 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: Ammerman Campus in Selden, Eastern Campus in Riverhead and Michael J. Grant Campus in Brentwood. Curriculum codes are indicated at the right of each heading after the campus designation.

Academic program requirements are subject to change. Students, enrolled in a program that has been revised, have the option to follow the program requirements in place when they were accepted into the program or they can opt to switch into the new program requirements. For further information regarding any curriculum, students should seek advice from the academic counselors, the Admissions Office, or the academic departments 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 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  
 MAT009: Mathematical Literacy

#### READING

RDG096: Essential College 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 College Seminar requirement may be fulfilled by taking one of the following:
  - ART105: Visual Arts College Seminar;

- ART144: Photography Seminar;
  - BUS115: College/Workplace Skills Seminar (for accounting, business-related and paralegal curricula);
  - COL101: College Seminar;
  - COL105: Personal Growth and College Life;
  - COL111: Adult Learner College Seminar;
  - COL141: EOP-College Seminar;
  - CUL101: Hospitality College Seminar (for Culinary Arts & Hotel and Resort Management curricula);
  - GRD105: Digital Design College Seminar (for Graphic Design and Computer Art curricula);
  - INT115: Interior Design Careers Seminar;
  - LIB101: Introduction to College Research;
  - LIB103: Library Research Methods;
  - MUS115: College Seminar for Music Majors;
  - NUR116: Nursing Success;
  - OTA100: Seminar for Occupational Therapy Assistant Students
  - THR100: College Seminar for Theatre;
  - VST100: College Seminar for Veterinary Science Technology;
  - WST112: Women's Seminar (for Liberal Arts: Women's and Gender Studies curriculum)
3. In order to graduate from any curriculum, students must complete a minimum of 60 credits for a degree and 30 credits for a certificate while attaining 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.
  4. Two 2-credit courses may be used to fulfill a 3-credit unrestricted elective. All of the credits required for an unrestricted elective must be satisfied.

# ACCOUNTING / A.A.S. DEGREE

## Ammerman - Eastern - Grant / ACCT-AAS Hegis Code - 5002, CIP Code - 52.0302

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: 15 credits

*Credits*

- ♦ ACC101: Financial Accounting I . . . . . 3
- ♦ BUS112: Computing for Business  
or CST101: Introduction  
to Computing . . . . . 4
- ♦ BUS115: College/Workplace  
Skills Seminar . . . . . 1
- ECO111: Macroeconomics: The National  
Economy or ECO112: Microeconomics:  
Prices and Markets . . . . . 3
- ENG101: Standard Freshman Composition . . 3
- Physical Education Elective . . . . . 1

### SECOND SEMESTER: 18 credits

- ♦ ACC102: Financial Accounting II . . . . . 4
- ♦ ACC137: Computer Accounting Principles . . 4
- ♦ BUS101: Introduction to Business . . . . . 3
- English Elective . . . . . 3
- \* Social Sciences Elective . . . . . 3
- Physical Education Elective . . . . . 1

### THIRD SEMESTER: 15-18 credits

- ♦ ACC212: Electronic Spreadsheet  
Applications for Accounting  
or ACC214: Corporate Finance . . . . . 3-4
- ♦ Accounting Elective . . . . . 3-4
- ♦ BUS117: Business Communications . . . . . 3
- ♦ LAW111: Business Law I . . . . . 3
- \*\* Mathematics Elective . . . . . 3-4

### FOURTH SEMESTER: 12-13 credits

- ♦ ACC116: Practical Accounting . . . . . 3
- Humanities Elective . . . . . 3
- ♦ LAW212: Business Law II . . . . . 3
- Mathematics or Science Elective . . . . . 3-4

### TOTAL CREDITS REQUIRED: 60-64

- \* 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 Agreements on page 28 for articulation agreements with four-year colleges and universities.

### REQUIRED CREDIT DISTRIBUTION

Accounting and Business . . . . .	37-39 credits
Humanities . . . . .	.9 credits
Mathematics/Science . . . . .	6-8 credits
Social Sciences . . . . .	.6 credits
Physical Education . . . . .	.2 credits



# ACCOUNTING / A.S. DEGREE

## Ammerman - Eastern - Grant / ACCT-AS Hegis Code - 5002, CIP Code - 52.0302

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.

#### **FIRST SEMESTER: 17-18 credits** *Credits*

- ◆ ACC101: Financial Accounting I ..... 3
- ◆ BUS101: Introduction to Business ..... 3
- ◆ BUS115: College/Workplace Skills Seminar ..... 1
- ECO111: Macroeconomics: The National Economy ..... 3
- ENG101: Standard Freshman Composition .. 3
- \* Mathematics Elective. .... 3-4
- Physical Education Elective ..... 1

#### **SECOND SEMESTER: 17-18 credits**

- ◆ ACC102: Financial Accounting II ..... 4
- ◆ BUS112: Computing for Business or Computer Science (CST) Elective ..... 4
- ECO112: Microeconomics: Prices and Markets ..... 3
- ENG102: Introduction to Literature ..... 3
- \* Mathematics Elective. .... 3-4

#### **THIRD SEMESTER: 17 credits**

- ◆ ACC201: Intermediate Accounting I ..... 4
- \*\* History Elective ..... 3
- Visual Arts, Music or Theatre Elective ..... 3
- Laboratory Science Elective ..... 4
- ◆ LAW111: Business Law I ..... 3

#### **FOURTH SEMESTER: 13 credits**

- ◆ ACC115: Managerial Accounting ..... 3
- ◆ ACC202: Intermediate Accounting II ..... 4
- Humanities Elective. .... 3
- ◆ LAW212: Business Law II ..... 3

#### **TOTAL CREDITS REQUIRED: 64-66**

\* Mathematics courses must be chosen from MAT103 and higher, with the exception of MAT111. Recommended: MAT121 and MAT131.

\*\* 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 General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

#### **REQUIRED CREDIT DISTRIBUTION**

Accounting and Business ..... 32 credits  
 Humanities ..... 12 credits  
 Mathematics ..... 6-8 credits  
 Laboratory Science ..... 4 credits  
 Social Sciences ..... 9 credits  
 Physical Education ..... 1 credit

## ACCOUNTING / CERTIFICATE

### Ammerman - Eastern - Grant / ACCT-CERT Hegis Code - 5002, CIP Code - 52.0302

This certificate 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.

#### FIRST SEMESTER: 9 credits

*Credits*

- ♦ ACC101: Financial Accounting I . . . . . 3
- ♦ BUS101: Introduction to Business . . . . . 3
- ENG101: Standard Freshman Composition . . 3

#### SECOND SEMESTER: 11 credits

- ♦ ACC102: Financial Accounting II . . . . . 4
- ♦ ACC137: Computer Accounting Principles . . 4
- Economics: ECO101, ECO111  
or ECO112 . . . . . 3

#### THIRD SEMESTER: 7 credits

- ♦ ACC201: Intermediate Accounting I . . . . . 4
- ♦ LAW111: Business Law I . . . . . 3

#### FOURTH SEMESTER: 7 credits

- ♦ ACC202: Intermediate Accounting II . . . . . 4
- ♦ Accounting Elective:  
ACC116 recommended . . . . . 3

#### TOTAL CREDITS REQUIRED: 34

- ♦ These courses constitute the major courses in this curriculum.

#### REQUIRED CREDIT DISTRIBUTION

Business . . . . .	28 credits
English . . . . .	3 credits
Social Sciences . . . . .	3 credits

## AMERICAN SIGN LANGUAGE STUDIES / A.A.S. DEGREE

### Ammerman / ASL-SD-AAS Hegis Code - 5599, CIP Code - 44.9999

The American Sign Language Studies program is designed for individuals who are interested in sign language and working with deaf people. Graduates will be prepared to work as a para-professional in programs for deaf students and adults and/or transfer to four-year degree programs in Sign Language Interpreting, Deaf Studies, Deaf Education, Deafness Rehabilitation, Special Education and other careers that involve deaf and hard-of-hearing children and adults.

To continue as a student in the American Sign Language Studies program, students must achieve a minimum grade of C in every ASL course. Students may opt to repeat a course only once to earn a C or better.

ASL101, ASL103, ASL105, ASL201, ASL203 and ASL220 are open to non-program students who have completed the appropriate prerequisites.

#### FIRST SEMESTER: 14 credits

*Credits*

- ♦ ASL101: American Sign Language I . . . . . 3
- ♦ ASL103: Deaf Culture and  
Contemporary Issues . . . . . 3
- COL101: College Seminar . . . . . 1
- ENG101: Standard Freshman Composition . . 3
- Physical Education . . . . . 1
- PSY101: Introduction to Psychology . . . . . 3

#### SECOND SEMESTER: 15 credits

- ♦ ASL105: American Sign Language II . . . . . 3
- ENG119: The Structure of English . . . . . 3
- HSC114: Group Dynamics . . . . . 3
- Humanities Elective . . . . . 3
- PSY210: Lifespan Development . . . . . 3

#### THIRD SEMESTER: 16 credits

- ♦ ASL201: American Sign Language III . . . . . 4
- ♦ ASL203: Fingerspelling . . . . . 2
- BIO101: Principles of Biology . . . . . 4
- PSY213: The Exceptional Child . . . . . 3
- Social Sciences Elective . . . . . 3

#### FOURTH SEMESTER: 17-18 credits

- ♦ ASL210: Comparative  
Linguistics: ASL and English . . . . . 3
- ♦ ASL220: American Sign Language IV . . . . . 4
- HSC101: Health Concepts  
or other Health Elective . . . . . 3
- Mathematics/Science Elective . . . . . 3-4
- Physical Education . . . . . 1
- Unrestricted Elective . . . . . 3

#### TOTAL CREDITS REQUIRED: 62-63

- ♦ These courses constitute the major courses in this curriculum.

**REQUIRED CREDIT DISTRIBUTION**

Sign Language .....	.22 credits
English .....	.6 credits
Health Concepts .....	.6 credits

Humanities .....	.3 credits
Mathematics/Science .....	.7-8 credits
Social Sciences .....	.12 credits
Unrestricted Elective .....	.3 credits
College Seminar .....	1 credit
Physical Education .....	.2 credits

**AUTOMOTIVE SERVICE SPECIALIST / A.A.S. DEGREE**

**Ammerman / AUTO-AAS**

**Hegis Code - 5306, CIP Code - 47.0604**

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; and ATAC, for all other manufacturers' dealerships or independent shops.

Students enrolled in the Automotive Service Specialist program will be required to complete work based learning hours as specified by NATEF and manufacturer program requirements.

*Admission Procedures and Requirements*

This program begins only in the fall and is competitive. All applicants must take the Computerized Placement Test (CPT) unless approved for a waiver. 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 credits** *Credits*

- ♦ AUT112: Integrated Automotive Systems . . . 3
- ♦ AUT114: Starting and Charging Systems . . . 3
- ♦ AUT115: Specialized Electronics . . . . . 3
- ♦ AUT120: Practicum I . . . . . 1
- COL101: College Seminar . . . . . 1
- MAT111: Algebra II . . . . . 4
- Social Sciences Elective . . . . . 3

**SECOND SEMESTER: 17 credits**

- ♦ AUT118: Computer Systems and Fuel Delivery . . . . . 3
- ♦ AUT222: Automotive Heating and Air Conditioning . . . . . 3
- ♦ AUT224: Electronic Devices and Processors . . 3
- ♦ AUT230: Practicum II . . . . . 1
- ENG101: Standard Freshman Composition . . 3
- PHY110: Automotive Physics . . . . . 4

**THIRD SEMESTER: 16 credits**

- ♦ AUT226: Fuel Injection and Emission Systems . . . . . 3
- ♦ AUT232: Brakes, Alignment, and Steering and Suspension Systems . . . . . 3
- ♦ AUT234: Engine Theory and Overhaul . . . . . 3
- ♦ AUT236: Automotive Service Productivity and Efficiency . . . . . 3
- ♦ AUT240: Practicum III . . . . . 1
- ECO101: Current Economic Issues . . . . . 3

**FOURTH SEMESTER: 16 credits**

- ♦ AUT238: Body Computers and Advanced Systems Diagnosis . . . . . 3
- ♦ AUT242: Transmission and Drive Systems . . 3
- ♦ AUT246: Automotive Dealership Structure and Functions . . . . . 3
- ♦ AUT250: Practicum IV . . . . . 1
- \* Business Elective . . . . . 3
- English Elective (ENG121 Recommended) . . 3

**TOTAL CREDITS REQUIRED: 67**

- \* Recommended: Business Management (BUS) course.
- ♦ These courses constitute the major courses in this curriculum.

**REQUIRED CREDIT DISTRIBUTION**

Automotive Service .....	.43 credits
Business .....	.3 credits
English .....	.6 credits
Mathematics .....	.4 credits
Science .....	.4 credits
Social Sciences .....	.6 credits
College Seminar .....	1 credit

# TOYOTA T-TEN AUTOMOTIVE SERVICE / A.A.S. DEGREE

## Ammerman / TOYT-AAS

Hegis Code - 5306, CIP Code - 47.0604

The Toyota T-TEN Program is a two-year associate degree program designed to prepare students for a career in a Toyota or Lexus dealership. This rigorous program is heavily lab based and includes 1,200 hours of automotive class work as well as general education requirements. Students will be required to complete 640 hours of cooperative learning at a sponsoring Toyota or Lexus dealership. Completion of the T-TEN program requires the student to pass at least two (2) Automotive Service Excellence (ASE) exams.

### *Admissions Procedures and Requirements*

This program begins in the fall of each year only and admission is competitive. All applicants must take the Computerized Placement Test (CPT) unless approved for a waiver. Students accepted into the program must be full-time and must take courses in the proper sequence.

#### **FIRST SEMESTER: 15 credits**

*Credits*

- ♦ TYT110: Introduction to Automotive Technology . . . . . 3
- ♦ TYT161: Automotive Electricity and Electronics I . . . . . 3
- ♦ TYT162: Automotive Electricity and Electronics II . . . . . 3
- ♦ TYT120: T-Port/Practicum I . . . . . 1
- COL101: College Seminar . . . . . 1
- ENG101: Standard Freshman Composition . . . . . 3
- Physical Education . . . . . 1

#### **SECOND SEMESTER: 17 credits**

- ♦ TYT171: Automotive Heating and Air Conditioning . . . . . 3
- ♦ TYT141: Automotive Steering and Suspension . . . . . 3
- ♦ TYT151: Automotive Brakes . . . . . 3
- ♦ TYT230: T-Port/Practicum II . . . . . 1
- English Elective . . . . . 3
- MAT111: Algebra II . . . . . 4

#### **THIRD SEMESTER: 16 credits**

- ♦ TYT211: Automotive Engine Repair . . . . . 3
- ♦ TYT281: Engine Performance I . . . . . 3
- ♦ TYT282: Engine Performance II . . . . . 3
- ♦ TYT240: T-Port/Practicum III . . . . . 1
- Humanities Elective . . . . . 3
- Social Sciences Elective . . . . . 3

#### **FOURTH SEMESTER: 15 credits**

- ♦ TYT221: Automatic Transmission and Transaxle . . . . . 3
- ♦ TYT231: Manual Transmission and Drivetrain . . . . . 3
- ♦ TYT250: T-Port/Practicum IV . . . . . 1
- PHY110: Automotive Physics . . . . . 4
- Social Sciences Elective . . . . . 3
- Physical Education . . . . . 1

#### **TOTAL CREDITS REQUIRED: 63**

- ♦ These courses constitute the major courses in this curriculum.

#### **REQUIRED CREDIT DISTRIBUTION**

- Automotive Service . . . . . 37 credits
- English . . . . . 6 credits
- Humanities . . . . . 3 credits
- Mathematics . . . . . 4 credits
- Science . . . . . 4 credits
- Social Sciences . . . . . 6 credits
- College Seminar . . . . . 1 credit
- Physical Education . . . . . 2 credits

# BUSINESS ADMINISTRATION / A.A.S. DEGREE

## Ammerman - Eastern - Grant / BUAD-AAS Online Degree Program / BUAO-AAS Hegis Code - 5004, CIP Code - 52.0201

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 face-to-face or online.

### FIRST SEMESTER: 16 credits Credits

- ♦ ACC101: Financial Accounting I . . . . . 3
- ♦ BUS101: Introduction to Business . . . . . 3
- ♦ BUS115: College/Workplace Skills Seminar . . . . . 1
- \* Communications Elective . . . . . 3
- ENG101: Standard Freshman Composition . . 3
- ♦ LAW111: Business Law I . . . . . 3

### SECOND SEMESTER: 17 credits

- ♦ ACC115: Managerial Accounting . . . . . 3
- ♦ 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 (BUS123, BUS127 or BUS141) . . . . . 3
- \*\*♦ Business Elective . . . . . 3
- ECO112: Microeconomics: Prices and Markets . . . . . 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 Elective . . . . . 3-4
- \*\*\* Social Sciences Elective . . . . . 3

### TOTAL CREDITS REQUIRED: 64-65

\* To be selected from COM101, COM102, COM105, COM107 or COM131.

\*\* To be selected from BUS107, BUS109, BUS123, BUS127, BUS129, BUS141, BUS201, LAW212, LAW251, or appropriate Marketing or Accounting electives.

\*\*\* Recommended: ECO111: Macroeconomics.

† Recommended: ENG102, ENG119 or ENG121.

‡ To be selected from MAT104, MAT111 or higher. MAT121 recommended. Please see an advisor or academic chair before selecting course.

◇ 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.

♦ These courses constitute the major courses in this curriculum.

### REQUIRED CREDIT DISTRIBUTION

Business and Accounting . . . . .	.41 credits
Humanities . . . . .	.9 credits
Mathematics . . . . .	6-7 credits
Social Sciences . . . . .	.6 credits
Physical Education/Health (online) . . . . .	2-3 credits



## BUSINESS ADMINISTRATION / A.S. DEGREE

### Ammerman - Eastern - Grant / BUAS-AS Hegis Code - 5004, CIP Code - 52.0201

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.

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 SEMESTER: 16 credits

*Credits*

- ♦ ACC101: Financial Accounting I . . . . . 3
- \*♦ Business Elective . . . . . 3
- ♦ BUS115: College/Workplace Skills Seminar . . . . . 1
- COM101: Introduction to Human Communication or
- COM105: Public Speaking . . . . . 3
- ECO111: Macroeconomics: The National Economy . . . . . 3
- ENG101: Standard Freshman Composition . . 3

#### SECOND SEMESTER: 15-16 credits

- ♦ ACC115: Managerial Accounting . . . . . 3
- \*♦ Business Elective . . . . . 3
- ECO112: Microeconomics: Prices and Markets . . . . . 3
- ENG102: Introduction to Literature . . . . . 3
- \*\* MAT103: Statistics I or MAT124: Fundamentals of Pre-Calculus I or higher . . . . . 3-4

#### THIRD SEMESTER: 17 credits

- ♦ BUS112: Computing for Business or CST101: Introduction to Computing . . . . . 4
- ♦ BUS201: Management Principles and Practices . . . . . 3
- ♦ LAW111: Business Law I . . . . . 3
- ♦ MKT101: Marketing . . . . . 3
- \*\*\* Humanities Elective . . . . . 3
- Physical Education . . . . . 1

#### FOURTH SEMESTER: 15-16 credits

- \*♦ Business Elective
- \*\* or Mathematics Elective (MAT131 recommended) . . . . . 3-4
- ♦ BUS208: Case Studies in Business Administration . . . . . 1
- History Elective (HIS101, HIS102, HIS103 or HIS104) . . . . . 3
- † Humanities Elective . . . . . 3
- Laboratory Science Elective . . . . . 4
- Physical Education . . . . . 1

#### TOTAL CREDITS REQUIRED: 63-65

- \* To be selected from BUS101, BUS107, BUS109, BUS117, BUS123, BUS127, BUS129, BUS141, LAW212, LAW251, or appropriate Marketing or Accounting electives.
- \*\* See transfer institution regarding Calculus requirement. SUNY transfer path note: Calculus I is essential to achieving junior status in business programs at the following SUNY campuses: University of Buffalo, Binghamton University, and University at Albany. In addition, MAT103: Statistics I is strongly recommended for transfer to AACSB accredited programs. Please consult with your department chair with regard to the mathematics requirement.
- \*\*\* To be selected from SUNY General Education courses approved for Foreign Language or The Arts.
- † To be selected from SUNY General Education courses approved for the Humanities.
- ♦ 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 General Education Requirements on page 89 for selecting courses. 2) See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities..

**REQUIRED CREDIT DISTRIBUTION**  
 Business and Accounting . . . . . 26-30 credits  
 Humanities . . . . . 15 credits  
 Mathematics/Laboratory Science . . . . . 7-11 credits  
 Social Sciences . . . . . 9 credits  
 Physical Education . . . . . 2 credits

## BUSINESS MANAGEMENT / CERTIFICATE

### Ammerman - Eastern - Grant / BUMG-CERT Hegis Code - 5004, CIP Code - 52.0201

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.

**FIRST SEMESTER: 16 credits**

	<i>Credits</i>
♦ ACC101: Financial Accounting I . . . . .	3
♦ BUS101: Introduction to Business . . . . .	3
♦ BUS107: Business Mathematics . . . . .	3
♦ BUS115: College/Workplace Skills Seminar . . . . .	1
ENG101: Standard Freshman Composition . . . . .	3
COM101: Introduction to Human Communication . . . . .	3

**SECOND SEMESTER: 15 credit**

♦ BUS109: Supervision: Concepts and Practices . . . . .	3
♦ BUS123: Entrepreneurship . . . . .	3
♦ BUS129: Human Resources Management . . . . .	3
ECO101: Current Economic Issues . . . . .	3
♦ MKT101: Marketing . . . . .	3

**TOTAL CREDITS REQUIRED: 31**

- ♦ These courses constitute the major courses in this curriculum.

**REQUIRED CREDIT DISTRIBUTION**  
 Business and Accounting . . . . . 22 credits  
 Humanities . . . . . 6 credits  
 Social Sciences . . . . . 3 credits

## BUSINESS: MARKETING / A.A.S. DEGREE

Grant / BUMK-AAS

Hegis Code - 5004, CIP Code - 52.0201

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 SEMESTER: 14 credits

*Credits*

- ♦ ACC101: Financial Accounting I . . . . . 3
- ♦ BUS101: Introduction to Business . . . . . 3
- ♦ BUS115: College/Workplace Skills Seminar . . . . . 1
- ENG101: Standard Freshman Composition . . 3
- ♦ MKT101: Marketing . . . . . 3
- Physical Education . . . . . 1

### SECOND SEMESTER: 15-16 credits

- ♦ ACC102: Financial Accounting II  
or ACC115: Managerial Accounting . . . . 3-4
- ♦ BUS117: Business Communications  
or BUS201: Management Principles  
and Practices . . . . . 3
- ENG201: Advanced Expository Writing . . . . 3
- ECO111: Macroeconomics: The  
National Economy  
or ECO112: Microeconomics:  
Prices and Markets . . . . . 3
- ♦ LAW101: Introduction to Law  
or LAW111: Business Law I . . . . . 3

### THIRD SEMESTER: 16 credits

- MAT103: Statistics I . . . . . 3
- ♦ MKT107: Consumer Behavior . . . . . 3
- ♦ MKT213: Advertising . . . . . 3
- ♦ BUS112: Computing for Business  
\* or Computer Science (CST) Elective . . . . 4
- COM101: Introduction to Human  
Communication  
or COM131: Theories of Persuasion . . . . . 3

### FOURTH SEMESTER: 16 credits

- MAT104: Statistics II . . . . . 3
- ♦ MKT201: Marketing Management . . . . . 3
- ♦ MKT220: International Marketing  
or 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: 61-62

- \* If choosing a Computer Science elective (CST), CST101 is recommended.
- \*\* Recommended: SOC101, PSY101, PSY216, ANT101, or HIS104.
- ♦ These courses constitute the major courses in this curriculum.

### REQUIRED CREDIT DISTRIBUTION

- Business and Accounting . . . . . 38-39 credits
- English . . . . . 6 credits
- Humanities . . . . . 3 credits
- Mathematics . . . . . 6 credits
- Social Sciences . . . . . 6 credits
- Physical Education . . . . . 2 credits

# BUSINESS: RETAIL BUSINESS MANAGEMENT / A.A.S. DEGREE

## Ammerman / BURM-AAS

### Hegis Code - 5004, CIP Code - 52.0201

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: 15 credits

*Credits*

- ♦ ACC101: Financial Accounting I ..... 3
- ♦ BUS101: Introduction to Business ..... 3
- ♦ BUS115: College/Workplace Skills Seminar ..... 1
- ENG101: Standard Freshman Composition .. 3
- OFT101: Basic Keyboarding ..... 1
- ♦ RET111: Retail Principles ..... 3
- Physical Education ..... 1

#### SECOND SEMESTER: 16 credits

- ♦ BUS107: Business Mathematics or ACC115: Managerial Accounting ..... 3
- ♦ BUS112: Computing for Business ..... 4
- 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 ..... 3
- 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 TET, 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: 62-65

- ♦ These courses constitute the major courses in this curriculum.

#### REQUIRED CREDIT DISTRIBUTION

Business and Accounting.....	39-40 credits
Humanities.....	9 credits
Mathematics/Science.....	6-8 credits
Social Sciences.....	6 credits
Physical Education.....	2 credits

## RETAIL BUSINESS MANAGEMENT / CERTIFICATE

Ammerman / BURM-CERT

Hegis Code - 5004, CIP Code - 52.0201

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 credits

*Credits*

- ♦ BUS101: Introduction to Business ..... 3
- ♦ BUS115: College/Workplace Skills Seminar ..... 1
- ♦ Business Unrestricted Elective ..... 3
- ♦ ENG101: Standard Freshman Composition... 3
- ♦ MKT216: Principles of Sales ..... 3
- ♦ RET111: Retail Principles..... 3

### SECOND SEMESTER: 16 credits

- ♦ BUS112: Computing for Business ..... 4
- ♦ BUS107: Business Mathematics ..... 3
- ♦ Economics Elective..... 3
- ♦ MKT213: Advertising ..... 3
- ♦ RET112: Retail Buying and Merchandising ..... 3

### TOTAL CREDITS REQUIRED: 32

- ♦ These courses constitute the major courses in this curriculum.

### REQUIRED CREDIT DISTRIBUTION

Business .....	26 credits
Humanities.....	3 credits
Social Sciences.....	3 credits

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## CHEMICAL DEPENDENCY COUNSELING / A.A.S. DEGREE

Grant / CHDPD-AAS (Day), CHDPE-AAS (Evening)

Hegis Code - 5506, CIP Code - 44.0201

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).

Students who have either an associate, 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) and to sit for the ICRC credentialing examination.

For professionals in the CDC field who wish to remain current, all CDC courses meet NYS continuing education requirements for credentialing renewal.

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.



Students are admitted fall and spring on a rolling basis. Most students with minimum credentials are accepted.

**FIRST SEMESTER: 16 credits** *Credits*

- ♦ CDC111: Chemical Dependency in American Society . . . . . 3
- COL101: College Seminar . . . . . 1
- ENG101: Standard Freshman Composition . . 3
- HSC114: Group Dynamics . . . . . 3
- MAT103: Statistics I . . . . . 3
- PSY101: Introduction to Psychology . . . . . 3

**SECOND SEMESTER: 15 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

**THIRD SEMESTER: 14 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

**FOURTH SEMESTER: 17 credits**

- ♦ CDC242: Chemical Dependency Vocational Counseling and Prevention/Education Programs . . . . . 3
- ♦ CDC252: Chemical Dependency Professional Ethics and Cultural Competence . . . . . 3
- ♦ CDC246: Advanced Techniques for Counseling the Chemically Dependent Client . . . . . 3
- ♦ CDC255: Field Practicum or Cooperative Education in Chemical Dependency Counseling . . . . 7
- Physical Education . . . . . 1

**TOTAL CREDITS REQUIRED: 62**

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.

- \* Recommended: ENG201.
- \*\* COM101, COM102, COM105 or COM202 are highly recommended.
- \*\*\* 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 Agreements on page 28 for articulation agreements with four-year colleges and universities.

**REQUIRED CREDIT DISTRIBUTION**

Chemical Dependency Counseling . . . . .	34 credits
English . . . . .	.6 credits
Health Careers . . . . .	.3 credits
Humanities . . . . .	.3 credits
Mathematics/Science . . . . .	.7 credits
Social Sciences . . . . .	.6 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	.2 credits

# COMMUNICATION STUDIES / A.A. DEGREE

## Ammerman - Eastern - Grant / COST-AA Hegis Code - 5606, CIP Code - 09.0101

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 credits Credits

- COL101: College Seminar . . . . . 1
- ♦ COM101: Introduction to Human Communication . . . . . 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 credits

- ♦ COM102: Interpersonal Communication  
or COM107: Small Group  
Communication . . . . . 3
- ♦ COM105: Public Speaking . . . . . 3
- ENG102: Introduction to Literature . . . . . 3
- \* Foreign Language Elective . . . . . 3
- Physical Education . . . . . 1
- PSY101: Introduction to Psychology . . . . . 3

### THIRD SEMESTER: 16-17 credits

- HIS103: Foundations of American History  
or HIS104: Modern American History . . . . 3
- \*\*\*♦ Communication Elective . . . . . 3
- † English Elective . . . . . 3
- MAT103: Statistics I  
or MAT124: Fundamentals of  
Pre-Calculus I or higher . . . . . 3-4
- Unrestricted Elective . . . . . 3
- Physical Education . . . . . 1

### FOURTH SEMESTER: 13 credits

- ♦ COM131: Theories of Persuasion  
or COM201: Introduction to  
Communication Theory . . . . . 3
- Laboratory Science Elective . . . . . 4
- ‡ Other World Civilizations  
Social Science Elective . . . . . 3
- SOC101: Introduction to Sociology . . . . . 3

### TOTAL CREDITS REQUIRED: 61-62

- \* 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 and II or Intermediate II/ any advanced level course.
- \*\* Students may choose from the following Philosophy electives: PHL101, PHL104, PHL105, PHL107, PHL111, PHL211 or PHL215.
- \*\*\* Students may choose any Communication electives except COM109, COM110 and COM112.
- † Any three-credit English course above ENG102. Recommended: ENG121, ENG130, ENG131, ENG170 or ENG201.
- ‡ Other World Civilizations social science elective chosen from the following: ANT101, ANT105, ANT203, ANT205, ANT211, GEO101, GEO102, GEO103, HIS107, HIS110, HIS118, HIS119, HIS120, POL107 or POL111.
- ♦ 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 General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

### REQUIRED CREDIT DISTRIBUTION

- Communication . . . . . 15 credits
- English . . . . . 9 credits
- Humanities . . . . . 9 credits
- Mathematics/Science . . . . . 7-8 credits
- Social Sciences . . . . . 15 credits
- Unrestricted Elective . . . . . 3 credits
- College Seminar . . . . . 1 credit
- Physical Education . . . . . 2 credits

# COMMUNICATIONS AND MEDIA ARTS: JOURNALISM / A.A. DEGREE

## Ammerman / COMA-AA

### Hegis Code - 5008, CIP Code - 10.0202

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 in the CMA-Journalism program for transfer information, articulation agreements with four-year colleges, and information about employment opportunities in the field.

#### FIRST SEMESTER: 17 credits Credits

COL101: College Seminar . . . . .	1
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: Advanced Newswriting . . . . .	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 Publicity . . .	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
‡ Restricted Social Sciences Elective. . . . .	3
Unrestricted Elective . . . . .	3

#### TOTAL CREDITS REQUIRED: 64-65

- \* 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 or 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 or 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 General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

#### REQUIRED CREDIT DISTRIBUTION

Journalism (English) . . . . .	18 credits
Business . . . . .	3 credits
English . . . . .	9 credits
Humanities. . . . .	6 credits
Mathematics/Science . . . . .	7-8 credits
Radio and Television Production . . . . .	3 credits
Social Sciences . . . . .	12 credits
Unrestricted Elective. . . . .	3 credits
College Seminar. . . . .	1 credit
Physical Education . . . . .	2 credits

Program requirements are subject to change. See "Curricula Descriptions and Requirements" on page 91.

## COMPUTER ART / A.A.S. DEGREE

Eastern / COAR-AAS

Hegis Code - 5012, CIP Code - 50.0402

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.

### FIRST SEMESTER: 16 credits Credits

- ♦ ART116: Adobe Photoshop . . . . . 3
- ♦ ART130: 2D Design . . . . . 3
- ♦ ART133: Drawing I . . . . . 3
- ENG101: Standard Freshman  
Composition . . . . . 3
- ♦ GRD105: Digital Design College Seminar . . . 1
- History Elective . . . . . 3

### SECOND SEMESTER: 17-18 credits

- ♦ ART115: Adobe Illustrator . . . . . 3
- ♦ ART120 Color Theory . . . . . 3
- CST112: Introduction to Programming . . . . . 4
- ENG102: Introduction to Literature . . . . . 3
- Mathematics Elective . . . . . 3-4
- Physical Education . . . . . 1

### THIRD SEMESTER: 16 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  
Communication or  
COM105: Public Speaking or  
HUM121: Developing Creative  
Imagination in the Arts . . . . . 3
- Physical Education . . . . . 1

### FOURTH SEMESTER: 14 credits

- ♦ 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: 63-64

- \* 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 . . . . .	22 credits
Graphic Design/Visual Arts . . . . .	13 credits
Computer Science . . . . .	.4 credits
Humanities . . . . .	.9 credits
Mathematics/Science . . . . .	7-8 credits
Social Sciences . . . . .	.6 credits
Physical Education . . . . .	.2 credits

# COMPUTER SCIENCE / A.S. DEGREE

## Ammerman / COSC-AS

**Hegis Code - 5101, CIP Code - 11.0301**

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, Precalculus and two years of high school science or college equivalents. Students already enrolled in college must have completed MAT125 or MAT126 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.

*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.*

<b>FIRST SEMESTER: 17 credits</b>	<i>Credits</i>
• COL101: College Seminar . . . . .	1
• 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

<b>SECOND SEMESTER: 17 credits</b>	
• 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

<b>THIRD SEMESTER: 17 credits</b>	
• CST222: Computer Architecture . . . . .	4
• CST242: Advanced Programming and Problem Solving with Java . . . . .	4
*** Laboratory Science Elective . . . . .	4
MAT205: Discrete Mathematics . . . . .	4
Physical Education . . . . .	1

<b>FOURTH SEMESTER: 14 credits</b>	
• CST246: Data Structures . . . . .	4
** Humanities Elective . . . . .	3
*** Laboratory Science Elective . . . . .	4
† Social Sciences Elective . . . . .	3

**TOTAL CREDITS REQUIRED: 65**

\* 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 General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

**REQUIRED CREDIT DISTRIBUTION**

Computer Science . . . . .	24 credits
English . . . . .	6 credits
Humanities . . . . .	6 credits
Mathematics . . . . .	12 credits
Science . . . . .	8 credits
Social Sciences . . . . .	6 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	2 credits



# CONSTRUCTION TECHNOLOGY - ARCHITECTURAL TECHNOLOGY / A.A.S. DEGREE

Ammerman / CTAT-AAS

Hegis Code - 5304, CIP Code - 15.1303

The program prepares individuals for employment in the field of architectural, construction or engineering-construction. Curriculum content in the program covers, but is not limited to, principles of architectural/construction design, residential/commercial drafting and related professional practices in the field. Graduates can work with architects, civil engineers, or related professionals. Subject matter also includes surveying, site planning, estimating and scheduling, and other technical skills needed for the construction industry. Accordingly, graduates can also assist contractors with project management, estimates and schedules, and on-site problem solving. Among others, potential job titles include the following: architectural drafter, architectural technician, engineering technician, cost estimator, construction project manager, and building product representative. **Students who are pursuing a bachelor's degree should consult with the department.**

### *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. Students entering the program must be at the MAT112 level.

#### **FIRST SEMESTER (fall)\*\*: 17 credits**      *Credits*

- COL101: College Seminar ..... 1
- ♦ COT110: Surveying I ..... 3
- ♦ COT114: Construction Methods. .... 3
- ♦ DRF112: Technical Drawing/Basic CAD ... 3
- ENG101: Standard Freshman Composition.. 3
- MAT112: Technical Mathematics I. .... 4

#### **SECOND SEMESTER (spring): 16 credits**

- ♦ COT166: Statics. .... 3
- ♦ COT222: Site Planning. .... 3
- ♦ DRF217: Architectural Drafting:  
Residential ..... 3
- MAT124: Fundamentals of Precalculus I ... 4
- Social Sciences Elective ..... 3

#### **THIRD SEMESTER (fall): 14 credits**

- ♦ COT233: Strength of Materials. .... 3
- ♦ COT240: Construction  
Estimating and Scheduling ..... 3
- ♦ DRF218: Architectural Drafting:  
Presentations ..... 3
- PHY112: Technical Physics I. .... 4
- Physical Education ..... 1

#### **FOURTH SEMESTER (spring): 16 credits**

- ♦ COT243: Professional Practices in the  
Construction Industry. .... 3
- ♦ COT236: Green Building  
Principles ..... 3
- English Elective ..... 3
- \* Humanities Elective. .... 3
- Social Sciences Elective ..... 3
- Physical Education. .... 1

#### **TOTAL CREDITS REQUIRED: 63**

\* Students intending to pursue a 4- or 5-year bachelor's degree in architecture or architectural technology are advised to select ART130, 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 ..... 33 credits
- English ..... 6 credits
- Humanities. .... 3 credits
- Mathematics ..... 8 credits
- Social Sciences ..... 6 credits
- Science ..... 4 credits
- College Seminar. .... 1 credit
- Physical Education ..... 2 credits

# CRIMINAL JUSTICE / A.S. DEGREE

## Ammerman - Eastern - Grant / CRJU-AS Hegis Code - 5505, CIP Code - 43.0107

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.

<b>FIRST SEMESTER: 16-17 credits</b>	<i>Credits</i>
COL101: College Seminar . . . . .	1
♦ CRJ101: Introduction to Criminal Justice . . . . .	3
♦ CRJ103: Substantive Criminal Law . . . . .	3
ENG101: Standard Freshman Composition . . . . .	3
Humanities Elective . . . . .	3
* Mathematics Elective . . . . .	3-4

<b>SECOND SEMESTER: 17 credits</b>	
♦ CRJ105: Police Operations . . . . .	3
♦ CRJ107: Evidence and Procedural Law . . . . .	3
ENG102: Introduction to Literature . . . . .	3
Laboratory Science Elective . . . . .	4
PSY101: Introduction to Psychology . . . . .	3
Physical Education . . . . .	1

<b>THIRD SEMESTER: 16 credits</b>	
COM102: Interpersonal Communication . . . . .	3
♦ CRJ109: Introduction to Corrections . . . . .	3
♦ Criminal Justice Elective . . . . .	3
Humanities Elective . . . . .	3
Physical Education . . . . .	1
SOC101: Introduction to Sociology . . . . .	3

<b>FOURTH SEMESTER: 13 credits</b>	
♦ CRJ209: Criminal Justice Capstone Course . . . . .	1
♦ 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: 62-63**

\* 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 General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

### REQUIRED CREDIT DISTRIBUTION

Criminal Justice . . . . .	22 credits
English . . . . .	6 credits
Humanities . . . . .	9 credits
Laboratory Science . . . . .	4 credits
Mathematics . . . . .	3-4 credits
Restricted Electives . . . . .	3 credits
Social Sciences . . . . .	12 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	2 credits

# CRIMINAL JUSTICE: POLICE ADMINISTRATION / CERTIFICATE

## CJPA-CERT

### Suffolk County Police Academy at Suffolk County Community College

Hegis Code - 5505, CIP Code - 43.0107

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 credits	Credits
COL101: College Seminar . . . . .	1
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:

Police Administration . . . . .	30 credits
English . . . . .	3 credits
Office Technologies . . . . .	1 credit
College Seminar . . . . .	1 credit

# CULINARY ARTS / A.A.S. DEGREE

## Eastern / CUBP-AAS, CURM-AAS

Hegis Code - 5404, CIP Code - 12.0501, 12.0504

The Culinary Arts curriculum is designed for students with a career interest in culinary arts, restaurant management, and baking and pastry management. These fields represent a wide range of businesses from intimate fine dining restaurants to worldwide 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's 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 supervised internship program.

### Baking and Pastry Arts Option

#### FIRST SEMESTER: 17-18 credits

- ♦ CUL101: Hospitality College Seminar . . . . . 1
- ♦ CUL111: Sanitation. . . . . 3
- ♦ CUL115: Baking and Pastry Arts I. . . . . 4
- ♦ CUL116: Dining Room Management . . . . . 3
- ENG101: Standard Freshman Composition. . . 3
- Mathematics Elective. . . . . 3-4

#### SECOND SEMESTER: 16 CREDITS

- ♦ CUL113: Wine and Beverage Management . . 3
- ♦ CUL217: Baking and Pastry Arts II . . . . . 3
- ♦ CUL240: Culinary Arts Internship/  
Cooperative Education . . . . . 4
- ENG102: Introduction to Literature . . . . . 3
- Social Sciences Elective . . . . . 3

#### THIRD SEMESTER: 17 CREDITS

- ♦ CUL112: Hospitality Cost Controls. . . . . 3
- ♦ CUL120: Hospitality Marketing. . . . . 3
- ♦ CUL132: Hospitality Supervision . . . . . 3
- ♦ CUL218: Baking and Pastry Arts III . . . . . 4
- Social Sciences Elective . . . . . 3
- Physical Education. . . . . 1

#### FOURTH SEMESTER: 14 CREDITS

- ♦ CUL250: Hospitality Capstone Course. . . . . 2
- ♦ CUL219: Advanced Pastry Arts IV . . . . . 4
- Foreign Language . . . . . 3
- Laboratory Science Elective . . . . . 4
- Physical Education. . . . . 1

#### TOTAL CREDITS REQUIRED: 64-65

- ♦ These courses constitute the major courses in this curriculum.

### Restaurant Management Option

#### FIRST SEMESTER: 17-18 credits

- ♦ CUL101: Hospitality College Seminar . . . . . 1
- ♦ CUL111: Sanitation. . . . . 3
- ♦ CUL114: Culinary Arts I. . . . . 4
- ♦ CUL116: Dining Room Management . . . . . 3
- ENG101: Standard Freshman  
Composition . . . . . 3
- Mathematics Elective. . . . . 3-4

#### SECOND SEMESTER: 17 credits

- ♦ CUL112: Hospitality Cost Controls. . . . . 3
- ♦ CUL115: Baking and Pastry Arts I. . . . . 4
- ♦ CUL240: Culinary Arts Internship/  
Cooperative Education . . . . . 4
- ENG102: Introduction to Literature . . . . . 3
- Social Sciences Elective . . . . . 3

#### THIRD SEMESTER: 17 credits

- ♦ CUL113: Wine and Beverage Management . . 3
- ♦ CUL120: Hospitality Marketing. . . . . 3
- ♦ CUL132: Hospitality Supervision . . . . . 3
- ♦ CUL211: American Regional Cuisine . . . . . 1
- ♦ CUL212: Savory French Cuisine . . . . . 1
- ♦ CUL213: Exotic Asian Cuisine . . . . . 1
- ♦ CUL214: Mediterranean Cuisine . . . . . 1
- Social Sciences Elective . . . . . 3
- Physical Education. . . . . 1

#### FOURTH SEMESTER: 13 credits

- ♦ CUL228: Garde Manger . . . . . 3
- ♦ CUL250: Hospitality Capstone Course. . . . . 2
- Foreign Language . . . . . 3
- Physical Education. . . . . 1
- Laboratory Science Elective . . . . . 4

#### TOTAL CREDITS REQUIRED: 64-65

- ♦ These courses constitute the major courses in this curriculum.

#### REQUIRED CREDIT DISTRIBUTION

Culinary Arts . . . . .	40 credits
English/Humanities. . . . .	9 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, CIP Code - 12.0501

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 occurs (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 postsecondary 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: 11 credits

- ♦ CUL112: Hospitality Cost Controls . . . . . 3
- ♦ CUL218: Baking and Pastry Arts III . . . . . 4
- ♦ CUL219: Advanced Pastry Arts IV . . . . . 4

### SUMMER SESSION: 4 credits

- ♦ CUL240: Culinary Arts Internship/  
Cooperative Education . . . . . 4

### TOTAL CREDITS REQUIRED: 28

- ♦ These courses constitute the major courses in this curriculum

### REQUIRED CREDIT DISTRIBUTION:

Culinary Arts . . . . . 28 credits

## CULINARY ARTS: RESTAURANT MANAGEMENT / CERTIFICATE

Eastern / CURM-CERT

Hegis Code - 5404, CIP Code - 12.0504

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 postsecondary 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: 13 credits

- ♦ CUL112: Hospitality Cost Controls . . . . . 3
- ♦ 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: 30

- ♦ These courses constitute the major courses in this curriculum

### REQUIRED CREDIT DISTRIBUTION:

Culinary Arts . . . . . 30 credits



# DIETETIC TECHNICIAN / A.A.S. DEGREE

## Eastern / DIET-AAS

Hegis Code - 5404, CIP Code - 12.0599

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. A minimum grade of C must be earned for BIO105 and CHE100. 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.

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.

### FIRST SEMESTER: 16 credits

Credits

BIO105: Survey of the Human Body . . . . .	4
COL101: College Seminar . . . . .	1
♦ DTE101: Introduction to Nutrition . . . . .	4
♦ DTE103: Nutrition Education for Dietetic Practitioners. . . . .	3
ENG101: Standard Freshman Composition . .	3
Physical Education. . . . .	1

### SECOND SEMESTER: 18-19 credits

CHE100: General Chemistry . . . . .	4
♦ DTE121: Introduction to Clinical Nutrition [6 Clinical Hours per week]. . . . .	5
♦ DTE122: Nutrition through the Life Cycle . .	3
English Elective . . . . .	3
MAT103: Statistics I or MAT111: Algebra II. . . . .	3-4

### THIRD SEMESTER: 14 credits

♦ DTE201: Introduction to Food Service . . . .	3
♦ DTE205: Advanced Clinical Nutrition [12 Clinical Hours per week]. . . . .	7
PSY101: Introduction to Psychology . . . . .	3
Physical Education. . . . .	1

### FOURTH SEMESTER: 15 credits

♦ DTE203: Dietetics Seminar . . . . .	1
♦ DTE211: Food Service Management . . . . .	3
♦ DTE213: Food Service Management Field Experience. . . . .	5
Humanities Elective. . . . .	3
SOC101: Introduction to Sociology . . . . .	3

### TOTAL CREDITS REQUIRED: 63-64

- ♦ These courses constitute the major courses in this curriculum.

### REQUIRED CREDIT DISTRIBUTION

Nutrition/Dietetics . . . . .	34 credits
English . . . . .	6 credits
Humanities . . . . .	3 credits
Mathematics/Science . . . . .	11-12 credits
Social Sciences . . . . .	6 credits
College Seminar. . . . .	1 credit
Physical Education . . . . .	2 credits

## DRAFTING (COMPUTER-ASSISTED) / CERTIFICATE

Ammerman / DRFT-CERT

Hegis Code - 5303, CIP Code - 15.1306

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 credits** *Credits*

- |   |   |
|---|---|
| COL101: College Seminar .....                       | 1 |
| ♦ DRF112: Technical Drawing/<br>Basic AutoCAD ..... | 3 |
| ♦ COT114: Construction Methods .....                | 3 |
| ♦ COT137: Architectural History .....               | 3 |
| ENG101: Standard Freshman Composition ..            | 3 |
| MAT111: Algebra II .....                            | 4 |

#### **SECOND SEMESTER (spring): 15 credits**

- |  |   |
|--|---|
| ♦ DRF217: Architectural Drafting:<br>Residential .....   | 3 |
| ♦ DRF218: Architectural Drafting:<br>Presentations ..... | 3 |
| ♦ DRF219: Architectural Drafting:<br>Structural .....    | 3 |
| ♦ DRF220: Advanced CAD .....                             | 3 |
| Social Sciences Elective .....                           | 3 |

**TOTAL CREDITS REQUIRED: 32**

\* 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  |
| Mathematics .....     | 4 credits  |
| Social Sciences ..... | 3 credits  |
| College Seminar ..... | 1 credit   |

# EARLY CHILDHOOD / A.A.S. DEGREE

## Ammerman - Eastern - Grant / EACH-AAS Hegis Code - 5503, CIP Code - 13.1501

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 pursue the A.S. in Early Childhood. 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 program offers both day and evening courses. Students should check both day and evening schedules at each campus for courses offered each semester. Students must achieve a minimum grade of C in each Early Childhood course in order to continue in the 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 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.

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<b>FIRST SEMESTER: 17 credits</b>			
	<i>Lec.</i>	<i>Lab</i>	<i>Cr.</i>
COL101: College Seminar . . . . .	1	-	1
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

<b>SECOND SEMESTER: 16 credits</b>			
♦ EDU102: Curriculum for Young Children I . . . . .	3	-	3
♦ EDU103: Curriculum for Young Children II . . . . .	3	-	3
English Elective . . . . .	3	-	3
PSY203: Child Psychology . . . . .	3	-	3
Physical Education . . . . .	-	2	1
SOC101: Introduction to Sociology . . . . .	3	-	3

<b>THIRD SEMESTER: 15-16 credits</b>			
*♦ EDU113: Infants and Toddlers: Programs and Care . . . . .	3	-	3
♦ EDU211: Early Childhood Seminar and Practicum I . . . . .	2	3	3
HSC114: Group Dynamics . . . . .	3	-	3
Science or Mathematics Elective . . . . .	3-4	0-3	3-4
Unrestricted Elective (1 course) . . . . .	3	-	3

<b>FOURTH SEMESTER: 16-17 credits</b>			
♦ 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: 64-66**

\* 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.

<b>REQUIRED CREDIT DISTRIBUTION</b>	
Early Childhood Education . . . . .	19 credits
English . . . . .	.6 credits
Health Careers . . . . .	.6 credits
Humanities . . . . .	.3 credits
Mathematics/Science . . . . .	6-8 credits
Social Sciences . . . . .	15 credits
Unrestricted Electives . . . . .	.6 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	2 credits

*Program requirements are subject to change. See "Curricula Descriptions and Requirements" on page 91.*

## EARLY CHILDHOOD / A.S. DEGREE

### Ammerman - Eastern - Grant / ECAS-AS Hegis Code - 5503, CIP Code - 13.1210

The Early Childhood 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's degree program leading to NYS teacher certification are advised to consult the intended transfer institution to ensure a successful transfer. The program has an articulation agreement with Long Island University, Riverhead Campus. Students may be required to have a 2.80 GPA to guarantee matriculation to transfer. 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 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 expense.

<b>FIRST SEMESTER: 16-17 credits</b>	<i>Lec.</i>	<i>Lab</i>	<i>Cr.</i>	<b>THIRD SEMESTER: 15 credits</b>		
COL101: College Seminar . . . . .	1	-	1	American History Elective . . . . .	3	- 3
*♦ EDU101: Foundations of Early Childhood Education . . . . .	3	-	3	** Art/Music Elective . . . . .	3	- 3
ENG101: Standard Freshman Composition . . . . .	3	-	3	♦ EDU211: Early Childhood Seminar and Practicum I . . . . .	2	3 3
Foreign Language Elective . . . . .	3	-	3	PSY213: The Exceptional Child . . . . .	3	- 3
Mathematics Elective . . . . .	3-4	-	3-4	Unrestricted Elective . . . . .	3	- 3
PSY101: Introduction to Psychology . . . . .	3	-	3	<b>FOURTH SEMESTER: 15 credits</b>		
<b>SECOND SEMESTER: 16 credits</b>				♦ EDU221: Early Childhood Seminar and Practicum II . . . . .	2	6 4
♦ EDU102: Curriculum for Young Children I . . . . .	3	-	3	Laboratory Science Elective . . . . .	3	2-3 4
♦ EDU103: Curriculum for Young Children II . . . . .	3	-	3	*** Other World Civilizations Elective . . . . .	3	- 3
ENG102: Introduction to Literature . . . . .	3	-	3	Physical Education . . . . .	-	2 1
Foreign Language Elective . . . . .	3	-	3	† Social Sciences Restricted Elective . . . . .	3	- 3
Physical Education . . . . .	-	2	1	<b>TOTAL CREDITS REQUIRED: 62-63</b>		
PSY203: Child Psychology . . . . .	3	-	3			

- \* Students in the Liberal Arts and Sciences: General Studies Curriculum may use this course as an unrestricted elective.
- \*\* To be selected from ART101, ART111, ART112, ART113, ART114, ART130, MUS101, MUS103, MUS105 or MUS117.
- \*\*\* Other World Civilizations elective chosen from the following: ANT101, ANT105, ANT203, ANT205, ANT211, COM202, ENG212, GEO101, GEO102, GEO103, HIS107, HIS110, HIS118, HIS119, HIS120, PHL111, POL107, POL111 or SPN175 and SPN176.
- † To be selected from SOC101, SOC122, HUS101, POL101.
- ◆ These courses constitute the major courses in this curriculum.

NOTE: See *Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

#### REQUIRED CREDIT DISTRIBUTION

Early Childhood Education . . . . .	16 credits
English . . . . .	6 credits
Humanities . . . . .	9 credits
Mathematics/Science . . . . .	7-8 credits
Social Sciences . . . . .	18 credits
Unrestricted Elective . . . . .	3 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	2 credits



# ELECTRICAL TECHNOLOGY - ELECTRONICS / A.A.S. DEGREE

Ammerman / ELTC-AAS

Hegis Code - 5310, CIP Code - 15.0303

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.

#### FIRST SEMESTER: 17 credits

	<i>Credits</i>
COL101: College Seminar . . . . .	1
♦ ELT112: Electricity I . . . . .	4
♦ ELT113: Digital Electronics I . . . . .	4
♦ ELT115: Technical Problem Solving . . . . .	1
ENG101: Standard Freshman Composition . . . . .	3
* MAT124: Fundamentals of Precalculus I . . . . .	4

#### SECOND SEMESTER: 17 credits

♦ ELT221: Electronic Applications of Mathematics . . . . .	1
♦ ELT222: Electronics I . . . . .	4
♦ ELT224: Electricity II . . . . .	4
♦ ELT227: Electrical Construction . . . . .	1
♦ ELT228: Digital Electronics II . . . . .	3
* MAT125: Fundamentals of Precalculus II . . . . .	4

#### THIRD SEMESTER: 17 credits

COM101: Introduction to Human Communication . . . . .	3
♦ ELT231: Electricity III . . . . .	4
♦ ELT236: Electronics II . . . . .	3
♦ ELT238: Digital Electronics III . . . . .	3
* PHY101: College Physics I . . . . .	4

#### FOURTH SEMESTER: 13 credits

♦ ELT244: Analogue /Digital Communications . . . . .	3
♦ ELT243: Advanced Electronics . . . . .	3
** English Elective . . . . .	3
Social Sciences Elective . . . . .	3
Physical Education Elective . . . . .	1

#### TOTAL CREDITS REQUIRED: 64

- \* 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 Agreements on page 28 for articulation agreements with four-year colleges and universities.*

#### REQUIRED CREDIT DISTRIBUTION

Electrical Technology . . . . .	.38 credits
English . . . . .	.6 credits
Humanities . . . . .	.3 credits
Mathematics / Science . . . . .	.12 credits
Social Sciences . . . . .	.3 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	1 credit

# EMERGENCY MEDICAL TECHNICIAN: PARAMEDIC / A.A.S. DEGREE

Ammerman / PARM-AAS

Hegis Code - 5299, CIP Code - 51.0810

This program fulfills the requirements set by state and national agencies for credentialing of the entry level paramedic. Students will become proficient in the art and science of out-of-hospital medicine with medical direction. The program stresses mastery of basic and 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 BIO132: 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.

For students who do not hold EMT credentials, New York State EMT-Basic is offered every semester at SCCC in course 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 applications.

The Paramedic Program is highly competitive. Applications are processed on a rolling basis fall and spring. 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.

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**FIRST SEMESTER: 13 credits**

	<i>Credits</i>
BIO130: Anatomy and Physiology I . . . . .	4
COL101: College Seminar . . . . .	1
ENG101: Standard Freshman Composition . . . . .	3
PSY101: Introduction to Psychology . . . . .	3
Physical Education Electives . . . . .	2

**SECOND SEMESTER: 13 credits**

BIO132: Anatomy and Physiology II . . . . .	4
COM102: Interpersonal Communication . . . . .	3
ENG102: Introduction to Literature . . . . .	3
SOC101: Introduction to Sociology . . . . .	3

**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 SESSION: 3 credits**

- ♦ PAR103: Paramedic Operations III . . . . . 3

**TOTAL CREDITS REQUIRED: 63**

- ♦ These courses constitute the major courses in this curriculum.

**REQUIRED CREDIT DISTRIBUTION**

Paramedic . . . . .	37 credits
Humanities . . . . .	9 credits
Science . . . . .	8 credits
Social Sciences . . . . .	6 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	2 credits

Curricula

# ENGINEERING SCIENCE / A.S. DEGREE

## Ammerman / ENSC-AS

### Hegis Code - 5609, CIP Code - 14.0101

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.

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/STEM](http://www.sunysuffolk.edu/STEM).

<b>FIRST SEMESTER: 15 credits</b>	<i>Credits</i>
CHE133: College Chemistry I .....	4
COL101: College Seminar .....	1
ENG101: Standard Freshman Composition ..	3
♦ ENS112: Introduction to Engineering Design .....	2
MAT141: Calculus with Analytic Geometry I .....	4
Physical Education .....	1
<b>SECOND SEMESTER: 18 credits</b>	
ENG102: Introduction to Literature .....	3
♦ ENS117: Engineering Computations .....	3
CHE134: College Chemistry II .....	4
MAT142: Calculus with Analytic Geometry II .....	4
PHY130: Physics I .....	3
PHY132: Physics I Lab .....	1
<b>THIRD SEMESTER: 18 credits</b>	
♦ DRF114: AutoCAD I .....	3
♦ ENS118: Engineering Mechanics: Statics ..	3
♦ ENS233: Electrical Engineering Circuit Analysis .....	4
MAT204: Differential Equations .....	4
PHY230: Physics II .....	3
PHY232: Physics II Lab .....	1

<b>FOURTH SEMESTER: 17 credits</b>	
*♦ ENS119: Engineering Mechanics Dynamics or Engineering Elective .....	3
HIS101: Western Civilization I or HIS102: Western Civilization II .....	3
MAT203: Calculus with Analytic Geometry III .....	4
PHY245: Physics III .....	3
PHY246: Physics III Lab .....	1
** Social Sciences Elective .....	3

#### **TOTAL CREDITS REQUIRED: 68**

- \* 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.
- \*\* Social Sciences 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 General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

#### **REQUIRED CREDIT DISTRIBUTION**

Engineering .....	18 credits
English .....	6 credits
Mathematics .....	16 credits
Science .....	20 credits
Social Sciences .....	6 credits
College Seminar .....	1 credit
Physical Education .....	1 credit

# FIRE PROTECTION TECHNOLOGY / A.A.S. DEGREE AND CERTIFICATE

**Ammerman / FRPT-AAS, FRPT-CERT**  
**Hegis Code - 5507, CIP Code - 43.0201**

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.

On entry to program, students must take either FPT113 or FPT171.

## A.A.S. Degree (FRPT-AAS)

### FIRST SEMESTER: 15-16 credits Credits

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 Extrication .....	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
Health Careers .....	3 credits
Humanities .....	3 credits
Mathematics/Science .....	11-12 credits
Social Sciences .....	6 credits
Unrestricted Elective .....	3-4 credit

## Certificate (FRPT-CERT)

### FIRST SEMESTER: 12 credits Credits

♦ FPT111: Introduction to Fire Protection .....	3
♦ FPT113: Hazardous Materials I .....	3
♦ FPT131: Building Construction and Facilities .....	3
♦ FPT171: Industrial Safety Engineering I .....	3

### SECOND SEMESTER: 18 credits

♦ FPT124: Hazardous Materials II .....	3
♦ FPT140: Fire Protection Hydraulics .....	3
♦ FPT148: Fire Service Management and Leadership .....	3
♦ FPT149: Strategies and Tactics .....	3
♦ FPT150: Arson and Fire Investigation .....	3
♦ FPT172: Industrial Safety Engineering II .....	3

**TOTAL CREDITS REQUIRED: 30**

## FITNESS SPECIALIST / A.S. DEGREE

Ammerman / FTSP-AS

Hegis Code - 5299.30, CIP Code - 51.9999

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*

Entering students must have a college-level mathematics placement and have completed high school chemistry. Continuing students must have completed MAT007 or equivalent and high school chemistry or CHE100. Those who do not fulfill the chemistry requirement should consult the Academic Chair for an alternative course selection. Spring semester applicants are accepted on a seat-available basis if they have successfully completed BIO130 and consult the Academic Chair. All interested students should consult the Academic Chair.

#### **FIRST SEMESTER: 15 credits**

#### *Credits*

BIO130: Anatomy and Physiology I . . . . .	4
COL101: College Seminar . . . . .	1
ENG101: Standard Freshman Composition . . . . .	3
** History Elective . . . . .	3
♦ PFS114: Overview of Fitness and Facility Management . . . . .	3
* Physical Education . . . . .	1

#### **SECOND SEMESTER: 17 credits**

BIO132: Anatomy and Physiology II . . . . .	4
COM105: Public Speaking . . . . .	3
ENG102: Introduction to Literature . . . . .	3
HSC112: Safety, First Aid and CPR . . . . .	3
PSY101: Introduction to Psychology . . . . .	3
* Physical Education . . . . .	1

#### **THIRD SEMESTER: 16 credits**

BIO245: Kinesiology . . . . .	4
Humanities Elective . . . . .	3
♦ PFS113: Exercise Leadership and Concepts of Aerobic Conditioning . . . . .	2
♦ PFS201: Exercise Leadership and Concepts of Muscle Conditioning . . . . .	2
♦ PFS205: Fitness Assessment and Screening . . . . .	2
♦ PFS212: Injury Prevention and Management . . . . .	3

#### **FOURTH SEMESTER: 15-16 credits**

Mathematics Elective . . . . .	3-4
Humanities Elective . . . . .	3
♦ PFS211: Nutrition and Human Performance . . . . .	3
♦ PFS217: Fieldwork in Fitness . . . . .	3
*** Restricted Social Sciences Elective . . . . .	3

#### **TOTAL CREDITS REQUIRED: 63-64**

\* PED courses to be selected in consultation with the program coordinator.

\*\* To be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120.

\*\*\* To be selected from ANT101, ANT103, ANT211, GEO101, GEO102, GEO103, HIS107, 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 General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

**REQUIRED CREDIT DISTRIBUTION**

Fitness Specialist	.18 credits
English	.6 credits
Health Careers	.3 credits
Humanities	.6 credits

Mathematics/Science	11-12 credits
Social Sciences	.9 credits
College Seminar	1 credit
Physical Education	.2 credits

**GRAPHIC DESIGN / A.A.S. DEGREE****Eastern / GRDS-AAS****Hegis Code - 5012, CIP Code - 50.0402**

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 the prerequisites of core courses.

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.

**124****FIRST SEMESTER: 16-17 credits** *Credits*

- ♦ ART130: 2D Design . . . . . 3
- ENG101: Standard Freshman  
Composition . . . . . 3
- ♦ GRD101: Basic Graphic Design . . . . . 3
- ♦ GRD102: Adobe InDesign . . . . . 3
- ♦ GRD105: Digital Design College Seminar . . . 1
- Mathematics Elective . . . . . 3-4

**SECOND SEMESTER: 16 credits**

- ♦ ART116: Adobe Photoshop . . . . . 3
- ♦ ART133: Drawing I . . . . . 3
- ENG102: Introduction to Literature . . . . . 3
- ♦ GRD103: Typographic Design . . . . . 3
- ♦ GRD207: History of Graphic Design . . . . . 3
- Physical Education . . . . . 1

**THIRD SEMESTER: 15 credits**

- ♦ ART134: Drawing II  
or ART135: Life Drawing I . . . . . 3
- \* COM101: Introduction to Human  
Communication 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

**FOURTH SEMESTER: 15 credits**

- ♦ GRD202: Communication Design . . . . . 3
- ♦ GRD204: Web Media Production . . . . . 3
- ♦ GRD205: Graphic Design Portfolio  
Assessment . . . . . 1
- Laboratory Science Elective . . . . . 4
- Social Sciences Elective . . . . . 3
- Physical Education . . . . . 1

**TOTAL CREDITS REQUIRED: 62-63**

- \* 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	.26 credits
Visual Arts	.12 credits
Humanities	.9 credits
Mathematics/Science	7-8 credits
Social Sciences	.6 credits
College Seminar	1 credit
Physical Education	.2 credits

Curricula



# HEALTH INFORMATION TECHNOLOGY / MEDICAL RECORDS / A.A.S. DEGREE

Grant / HEIT-AAS

Hegis Code - 5213, CIP Code - 51.0707

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 Standard 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.

Please note: Health Information Technology (HIT) courses are currently offered in the evening only.

## Part-Time Evening Sequence

### FIRST SEMESTER: 10 credits

ENG101: Standard Freshman Composition	3
CST111: Introduction to Information Technology	4
MED111: Medical Terminology	3

### SECOND SEMESTER: 7 credits

MAT103: Statistics	3
BIO138: Fundamentals of Human Structure and Function	4

### SUMMER SESSION: 6 credits

English Elective	3
PSY101: Introduction to Psychology	3

### THIRD SEMESTER: 7 credits

HIT114: Introduction to Health Information Technology	3
HIT117: Electronic Health Record	4

### FOURTH SEMESTER: 10 credits

HIT119: Privacy and Security of the Electronic Health Record	3
HIT 226: Regulatory Issues with the Electronic Health Record	3
CST171: Relational Database Applications and Concepts	4

### SUMMER SESSION: 6 credits

Social Sciences Elective	3
Humanities Elective	3

**FIFTH SEMESTER: 6 credits**

- ♦ HIT220: Study of Disease ..... 3
- ♦ HIT235: Coding and Classification Systems ..... 3

**SIXTH SEMESTER: 10 credits**

- ♦ HIT236: Advance Coding/CPT4 and Reimbursement Methods ..... 3
- ♦ HIT238: Directed Clinical Practice ..... 3
- ♦ HIT240: Management Issues in the Electronic Health Record Environment ..... 4

**TOTAL CREDITS REQUIRED: 62****Full-Time Evening 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 credits**

- BIO138: Fundamentals of Human Structure and Function ..... 4
- COL101: College Seminar ..... 1
- 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: Managements Issues in the Electronic Health Record 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 credits****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
- Physical Education ..... 0-2 credits
- College Seminar ..... 0-1 credit

# HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION (HVAC/R) / A.A.S. DEGREE

Grant / HVAC-AAS

Hegis Code – 5317, CIP Code - 47.0201

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 includes some courses that are offered day or evening and others that are offered on the weekend. 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 Standard 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.

#### **FIRST SEMESTER: 15 credits** *Credits*

- COL101: College Seminar  
or BUS115: College/Workplace  
Skills Seminar . . . . . 1
- ENG101: Standard Freshman  
Composition . . . . . 3
- ♦ HVA111: Computer Applications  
for Technology . . . . . 3
- ♦ HVA121: Refrigeration and Air  
Conditioning Systems . . . . . 3
- ♦ HVA122: Electricity for HVAC/R . . . . . 2
- Social Sciences Elective . . . . . 3

#### **SECOND SEMESTER: 15-16 credits**

- Accounting or Business Elective . . . . . 3-4
- ENG121: Technical Writing . . . . . 3
- MAT112: Technical Mathematics I . . . . . 4
- ♦ HVA141: Heating Systems . . . . . 4
- Physical Education Elective . . . . . 1

#### **THIRD SEMESTER: 17 credits**

- COM102: Interpersonal  
Communication . . . . . 3
- PHY112: Technical Physics I . . . . . 4
- ♦ HVA222: HVAC/R Control Systems . . . . . 4
- ♦ HVA242: HVAC/R Diagnostics  
and Servicing . . . . . 5
- Physical Education Elective . . . . . 1

#### **FOURTH SEMESTER: 17-18 credits**

- Accounting or Business Elective . . . . . 3-4
- ♦ HVA232: HVAC/R Commercial  
Systems . . . . . 5
- ♦ HVA252: HVAC/R System Design . . . . . 3
- ♦ HVA260: HVAC/R Internship . . . . . 3
- Social Sciences Elective . . . . . 3

#### **TOTAL CREDITS REQUIRED: 64-66**

- ♦ These courses constitute the major courses in this curriculum.

#### **REQUIRED CREDIT DISTRIBUTION**

- HVAC/R . . . . . 32 credits
- Accounting and Business . . . . . 6-8 credits
- English . . . . . 6 credits
- Humanities . . . . . 3 credits
- Mathematics/Science . . . . . 8 credits
- Social Sciences . . . . . 6 credits
- College Seminar . . . . . 1 credit
- Physical Education . . . . . 2 credits

# HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION (HVAC/R) / CERTIFICATE

Grant / HVAC-CERT

Hegis Code – 5317, CIP Code - 47.0201

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 degree.

The HVAC/R certificate program includes some courses that are offered day or evening and others that are offered on the weekend.

### *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 Standard 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.

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#### **FIRST SEMESTER: 8 credits**

	<i>Credits</i>
ENG101: Standard Freshman Composition . . . . .	3
♦ HVA121: Refrigeration and Air Conditioning Systems. . . . .	3
♦ HVA122: Electricity for HVAC/R . . . . .	2

#### **SECOND SEMESTER: 10 credits**

ENG121: Technical Writing. . . . .	3
♦ HVA111: Computer Applications for Technology . . . . .	3
MAT112: Technical Mathematics I. . . . .	4

#### **THIRD SEMESTER: 7 credits**

COM102: Interpersonal Communication . . . . .	3
♦ HVA141: Heating Systems . . . . .	4

#### **FOURTH SEMESTER: 9 credits**

♦ HVA222: HVAC/R Control Systems. . . . .	4
♦ HVA242: HVAC/R Diagnostics and Servicing . . . . .	5

#### **TOTAL CREDITS REQUIRED: 34**

- ♦ These courses constitute the major courses in this curriculum.

#### **REQUIRED CREDIT DISTRIBUTION**

HVAC/R. . . . .	21 credits
English . . . . .	.6 credits
Humanities. . . . .	.3 credits
Mathematics. . . . .	.4 credits

Curricula

# HOTEL AND RESORT MANAGEMENT / A.A.S. DEGREE

Eastern / HRMN-AAS

Hegis Code - 5010, CIP Code - 52.0904

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 only, with most students meeting minimum standards being accepted.

#### **FIRST SEMESTER: 17-18 credits**

*Credits*

COM101: Introduction to Human Communication . . . . .	3
♦ CUL101: Hospitality College Seminar . . . . .	1
♦ CUL132: Hospitality Supervision . . . . .	3
ENG101: Standard Freshman Composition . . . . .	3
♦ HRM105: Introduction to the Hospitality Industry . . . . .	3
Mathematics Elective . . . . .	3-4
Physical Education . . . . .	1

#### **SECOND SEMESTER: 15 credits**

ACC101: Financial Accounting I . . . . .	3
♦ CUL116: Dining Room Management . . . . .	3
English Elective . . . . .	3
♦ HRM210: Front Office Management and Housekeeping . . . . .	3
PSY101: Introduction to Psychology . . . . .	3

#### **SUMMER SESSION: 4 credits**

♦ HRM240: Hotel and Resort Management Internship/Cooperative Education . . . . .	4
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#### **THIRD SEMESTER: 15 credits**

♦ CUL112: Hospitality Cost Controls . . . . .	3
♦ CUL113: Wine and Beverage Management . . . . .	3
♦ HRM120: Hospitality Marketing . . . . .	3
♦ HRM205: Maintenance and Equipment . . . . .	3
Social Sciences Elective . . . . .	3

#### **FOURTH SEMESTER: 13 credits**

♦ HRM250: Hospitality Capstone Course . . . . .	2
♦ HRM220: Hotel Sales and Meeting Management . . . . .	3
LAW111: Business Law I . . . . .	3
Laboratory Science Elective . . . . .	4
Physical Education . . . . .	1

#### **TOTAL CREDITS REQUIRED: 64-65**

- ♦ These courses constitute the major courses in this curriculum

#### **REQUIRED CREDIT DISTRIBUTION**

Hospitality and Culinary Arts . . . . .	.34 credits
Business and Accounting . . . . .	.6 credits
English . . . . .	.6 credits
Humanities . . . . .	.3 credits
Mathematics/Science . . . . .	.7-8 credits
Social Sciences . . . . .	.6 credits
Physical Education . . . . .	.2 credits

# HOTEL AND RESORT MANAGEMENT / CERTIFICATE

## Eastern / HRMN-CERT

Hegis Code - 5010, CIP Code - 52.0904

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 postsecondary 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: 12 credits

*Credits*

ACC101: Financial Accounting I. . . . .	3
BUS109: Supervision: Concepts and Practices. . . . .	3
♦ CUL111: Sanitation . . . . .	3
♦ HRM105: Introduction to the Hospitality Industry . . . . .	3

### SECOND SEMESTER: 17 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 and Meeting Management. . . . .	3

### TOTAL CREDITS REQUIRED: 29

- ♦ These courses constitute the major courses in this curriculum.

### REQUIRED CREDIT DISTRIBUTION:

Hospitality and Culinary Arts. . . . .	23 credits
Business and Accounting. . . . .	6 credits



## HUMAN SERVICES / A.S. DEGREE

### Ammerman / HUSR-AS

Hegis Code - 5501, CIP Code - 44.9999

This curriculum provides opportunities for students seeking transfer to bachelor's 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, LIU Post and SUNY at Stony Brook School of Social Welfare which facilitate the acceptance of all credits to their bachelor's degree 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 Sciences Requirement, fulfills a social science or unrestricted elective in liberal arts curricula and is 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: 16 credits**

*Credits*

- ENG101: Standard Freshman Composition . . . 3
- \* Restricted Humanities Elective . . . . . 3
- ♦ HUS101: Introduction to Social Welfare . . . . . 3
- \*\* LIB101: Introduction to College Research . . . 1
- MAT103: Statistics I . . . . . 3
- PSY101: Introduction to  
Psychology . . . . . 3

#### **SECOND SEMESTER: 17 credits**

- BIO101: Principles of Biology . . . . . 4
- ENG102: Introduction to Literature . . . . . 3
- HSC114: Group Dynamics . . . . . 3
- ♦ HUS103: Interviewing in Social  
Work Practice . . . . . 3
- Physical Education . . . . . 1
- SOC101: Introduction to Sociology . . . . . 3

#### **THIRD SEMESTER: 15 credits**

- \*\*\* Foreign Language Elective . . . . . 3
- ♦ HUS201: Human Services Seminar  
and Field Practicum I . . . . . 5  
(includes 140 hours of field work)
- ♦ HUS205: Theory and Methods of  
Helping in the Human Services . . . . . 3
- PSY215: Abnormal Psychology . . . . . 3
- Physical Education . . . . . 1

**FOURTH SEMESTER: 15 credits**

POL105: American National Politics and Government . . . . .	3
HIS104: Modern American History. . . . .	3
† Restricted Humanities Elective . . . . .	3
♦ HUS211: Human Services Seminar and Field Practicum II. . . . .	6
(includes 180 hours of field work)	

**TOTAL CREDITS REQUIRED: 63**

- \* To be selected from ART101, ART111, ART112, ART113, MUS101, MUS103, MUS105 or THR101.
- \*\* LIB101 is recommended. May be met by COL101: College Seminar.
- \*\*\* Spanish is recommended.
- † To be selected from any ENG, HUM, PHL or foreign language course that meets SUNY General Education Requirements for Humanities.
- ♦ 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 General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

**REQUIRED CREDIT DISTRIBUTION**

Human Services. . . . .	20 credits
Health Careers. . . . .	.3 credits
English . . . . .	.6 credits
Humanities. . . . .	.9 credits
Library Research . . . . .	1 credit
Mathematics/Science . . . . .	.7 credits
Social Sciences . . . . .	.15 credits
Physical Education . . . . .	.2 credits

# INFORMATION TECHNOLOGY / A.A.S. DEGREE

## Ammerman - Eastern - Grant / ITIS-AAS, ITND-AAS Hegis Code - 5104, CIP Code - 11.1099

This program prepares students for challenging and rewarding careers in one of the following fields: Network Design and Administration or Computer Information Systems. 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 credits	<i>Credits</i>
COL101: College Seminar	1
♦ 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
<b>SECOND SEMESTER: 17-18 credits</b>	
♦ CST141: Principles of Computing with Java	4
♦* CST Elective	4
ENG121: Technical Writing	3
** Mathematics Elective	3-4
*** Social Sciences Elective	3
<b>THIRD SEMESTER: 16 credits</b>	
♦ 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
<b>FOURTH SEMESTER: 13-15 credits</b>	
♦◇ 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
*** Social Sciences Elective	3
<b>TOTAL CREDITS REQUIRED: 63-66</b>	

## Network Design and Administration Option (ITND-AAS)

FIRST SEMESTER: 17 credits	<i>Credits</i>
COL101 College Seminar	1
♦ 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
<b>SECOND SEMESTER: 17-18 credits</b>	
♦ 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
<b>THIRD SEMESTER: 14-16 credits</b>	
† 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: 14 credits**

- ◇ CST288: Cooperative Education/  
Internships for Computing Technology  
or BUS150: Cooperative Education  
in Business ..... 3
- ◆ CST227: Network Operating Systems  
and Network Infrastructure..... 4
- ◆ ELT152: CISCO - Computer  
Networking II..... 4
- \*\*\* Social Sciences Elective ..... 3

**TOTAL CREDITS REQUIRED: 62-65**

- \* 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, HIS110,  
HIS118, HIS119, HIS120, POL107 or POL111.

- † Choose one accounting course, one business  
course (BUS101 or BUS127) or one science/  
engineering/computer course.
- ‡ Students are strongly advised to choose as their  
humanities elective a course in either The Arts  
(visual arts, music, theatre) or foreign language.
- § Choose one of the following: ACC101, BUS101,  
BUS127.
- ◇ CST288 strongly recommended.
- ◆ These courses constitute the major courses in this  
curriculum.

**REQUIRED CREDIT DISTRIBUTION**

Information Technology.....	31-44 credits
Business .....	0-7 credits
Electrical Engineering.....	0-8 credits
English .....	.6 credits
Humanities.....	.3 credits
Mathematics.....	7-8 credits
Social Sciences .....	.6 credits
College Seminar.....	1 credit
Physical Education .....	.2 credits

# INFORMATION TECHNOLOGY / CERTIFICATE

## Ammerman - Eastern - Grant / ITND-CERT, ITIS-CERT Hegis Code - 5104, CIP Code - 11.1099

This program is suitable for students who already have an associate, bachelor's or master's 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 fields: Network Design and Administration or Computer Information Systems.

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

### REQUIRED CREDIT DISTRIBUTION

Information Technology. . . . . 24 credits  
English . . . . . 3 credits  
Mathematics. . . . . 4 credits

# INTERIOR DESIGN / A.A.S. DEGREE

Eastern / INDA-AAS

Hegis Code - 5012, CIP Code - 50.0402

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: 16 credits

*Credits*

ART130: 2D Design . . . . .	3
ENG101: Standard Freshman Composition . . . . .	3
♦ INT101: Interior Design I . . . . .	3
♦ INT102: Interior Textiles and Finishes . . . . .	3
♦ INT115: Interior Design Careers Seminar . . . . .	1
PSY101: Introduction to Psychology or SOC101: Introduction to Sociology . . . . .	3

## SECOND SEMESTER: 16 credits

COM101: Introduction to Human Communication or COM102: Interpersonal Communication . . . . .	3
ENG102: Introduction to Literature . . . . .	3
♦ INT103: Interior Design II . . . . .	3
♦ INT105: History of Interiors and Architecture . . . . .	3
♦ INT107: Color for Interiors . . . . .	3
Physical Education . . . . .	1

## THIRD SEMESTER: 16-17 credits

♦ INT201: Interior Design III . . . . .	3
♦ INT205: Working Drawings . . . . .	3
♦ INT208: Professional Practice for Interior Designers . . . . .	3
Mathematics Elective . . . . .	3-4
Social Sciences Elective . . . . .	3
Physical Education . . . . .	1

## FOURTH SEMESTER: 16 credits

♦ INT220: Materials and Construction Methods for Interior Designers . . . . .	3
♦ INT226: Kitchen and Bath Design . . . . .	3
♦ INT227: Interior Design Portfolio and Assessment . . . . .	3
*♦ INT230: Cooperative Education and Internship 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: 64-65

- \* 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 . . . . .	.40 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, CIP Code - 24.0101**

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.

### **Program at Suffolk County Community College**

#### **FIRST SEMESTER: 16 credits** *Credits*

BIO150: Modern Biology I	4
CHE133: College Chemistry I	4
COL101: College Seminar	1
ENG101: Standard Freshman Composition	3
MAT141: Calculus with Analytic Geometry I	4

#### **SECOND SEMESTER: 16 credits**

BIO152: Modern Biology II	4
CHE134: College Chemistry II	4
* Foreign Language	3
MAT142: Calculus with Analytic Geometry II	4
Physical Education	1

#### **THIRD SEMESTER: 17 credits**

CHE250: Organic Chemistry I	5
ENG102: Introduction to Literature	3
HIS103: Foundations of American History or HIS104: Modern American History	3
PSY101: Introduction to Psychology	3
* Foreign Language	3

#### **FOURTH SEMESTER: 15 credits**

BIO262: Genetics	4
CHE251: Organic Chemistry II	5
EDU201: Introduction to Education	3
PSY217: Adolescent Psychology	3

#### **TOTAL CREDITS REQUIRED: 64**

\* 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

#### **REQUIRED CREDIT DISTRIBUTION AT SUFFOLK COUNTY COMMUNITY COLLEGE**

Science	30 credits
Education	3 credits
English	6 credits
Humanities	6 credits
Mathematics	8 credits
Social Sciences	9 credits
College Seminar	1 credit
Physical Education	1 credit

## B.A. Program at St. Joseph's College<sup>1</sup>

### FIFTH SEMESTER: 19 credits *Credits*

BIO335: Physiology	5
Core Elective	3
EDU115: Educational Psychology	3
PHY150: Physics I	4
SPC102: Speech Communication	3
SJC200: Transfer Seminar	1

### SIXTH SEMESTER: 16 credits

BIO340: Microbiology	4
BIO380: Research Seminar	2
Core Elective	3
EDU121: Teaching Adolescents with Exceptionalities	3
PHY151: Physics II	4

### SEVENTH SEMESTER: 15 credits

BIO200: General Ecology or BIO230: Vertebrate Zoology or BIO260: Evolutionary Biology or BIO301: Plant Biology	3
BIO480: Research	0
Biology 400-Level Elective	4
EDU360: Methods of Secondary Education	3
EDU366: Methods in Teaching Biology	2
SPC115: Voice/Diction or SPC205: Intercultural Communication	3

### EIGHTH SEMESTER: 15-16 credits

EDU240: Adolescent Literacy	3
BIO480: Research	3
EDU473: Supervised Teaching in Secondary Schools	6
Elective <sup>1</sup>	3-4

### Credits Required at St. Joseph's

**College: 64-65 credits (66-69 for B.S. Degree)**

**Credits Required at Suffolk County  
Community College: 64 credits**

**Total Credits Required to Complete the Joint  
Program: 128-129 for B.A. Degree;  
132-136 for B.S. Degree**

<sup>1</sup> The B.S. in Biology at St. Joseph's College requires an extra Biology 400-Level course.

*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/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, CIP Code - 24.0101

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.

### Program at Suffolk County Community College

FIRST SEMESTER: 16-17 credits	<i>Credits</i>
COL101: College Seminar . . . . .	1
COM101: Introduction to Human Communication or COM105: Public Speaking . . . . .	3
ENG101: Standard Freshman Composition . . . . .	3
* Foreign Language . . . . .	3
** Mathematics Elective . . . . .	3-4
PSY101: Introduction to Psychology . . . . .	3
<b>SECOND SEMESTER: 17 credits</b>	
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
<b>THIRD SEMESTER: 16-17 credits</b>	
*** English Elective . . . . .	3
ENG212: Contemporary Global Literature . . . . .	3
HIS103: Foundations of American History or HIS104: Modern 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 or Visual Arts Elective . . . . .	3
PSY217: Adolescent Psychology . . . . .	3

### TOTAL CREDITS REQUIRED: 64-66

- \* 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.
- \*\*\* To be selected from ENG141, ENG142, ENG205, ENG206, ENG211, ENG220, ENG221.
- † To be selected from ART101, ART111, ART112, ART113, MUS101, MUS103, MUS105, MUS117, MUS206 or MUS210.

### REQUIRED CREDIT DISTRIBUTION AT SUFFOLK COUNTY COMMUNITY COLLEGE

English . . . . .	21 credits
Humanities . . . . .	15 credits
Social Sciences . . . . .	12 credits
Mathematics/Science . . . . .	10-12 credits
Education . . . . .	3 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	2 credits

## B.A. Program at St. Joseph's College

	<i>Credits</i>
<b>FIFTH SEMESTER: 16 credits</b>	
EDU115: Educational Psychology .....	3
ENG201: Introduction to Reading Literature Critically .....	3
ENG218: Medieval Imaginations or ENG305: Chaucer .....	3
ENG294: Survey in American Literature from Beginnings to 1865 .....	3
SPC115: Voice/Diction or SPC205: Intercultural Communication .....	3
SJC200: Transfer Seminar .....	1
<b>SIXTH SEMESTER: 15 credits</b>	
EDU121: Teaching Adolescents with Exceptionalities .....	3
EDU240: Adolescent Literacy .....	3
Elective .....	3
ENG219: Literature of the English Renaissance or ENG221: Seventeenth Century Literature or ENG320: Milton or ENG332: Shakespeare ...	3
ENG300: Scholarly Writing about Literature .....	3

## SEVENTH SEMESTER: 17 credits

EDU360: Methods of Secondary Education .....	3
EDU361: Methods in Teaching English .....	2
ENG292: Survey of British Literature I .....	3
ENG487: Seminar in Literature .....	3
English 400-Level Elective .....	3
SPC217: Oral Interpretation of Literature .....	3

## EIGHTH SEMESTER: 14 credits

EDU473: Supervised Teaching in Secondary Schools .....	6
Elective .....	2
ENG119: A Rainbow of Voices, ENG261: African American Literature, ENG 262: Resonant Voices, or ENG278: Brooklyn Voices .....	3
English 400-Level Elective .....	3

## Credits Required at St. Joseph's College: 62 credits

## Credits Required at Suffolk County Community College: 64-66 credits

## Total Credits Required to Complete the Joint Program: 126-128

*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, CIP Code - 24.0101

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.

### Program at Suffolk County Community College

#### FIRST SEMESTER: 16-17 credits Credits

COL101: College Seminar . . . . .	1
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
PSY101: Introduction to Psychology . . . . .	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
PSY217: Adolescent Psychology . . . . .	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
† Restricted Social Sciences Elective . . . . .	3
Philosophy Elective . . . . .	3

#### TOTAL CREDITS REQUIRED: 64-66

- \* 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.
- \*\*\* To be selected from ART101, ART111, ART112 or ART113.
- † To be selected from GEO101, GEO102, GEO103, HIS118 or HIS119, POL107.

REQUIRED CREDIT DISTRIBUTION AT  
SUFFOLK COUNTY COMMUNITY COLLEGE

Social Sciences . . . . .	27 credits
Education . . . . .	3 credits
English . . . . .	6 credits
Humanities . . . . .	15 credits
Mathematics/Science . . . . .	10-12 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	2 credits

**B.A. Program at St. Joseph's College**

**FIFTH SEMESTER: 16 credits** *Credits*

EDU115: Educational Psychology . . . . .	3
HIS152: Contemporary International Problems or HIS310: American Foreign Policy . . . . .	3
HIS422: Historiography . . . . .	3
POL102: Introduction to Political Science . . . . .	3
SJC200: Transfer Seminar . . . . .	1
SPC115: Voice/Diction or SPC205: Intercultural Communication . . . . .	3

**SIXTH SEMESTER: 18 credits**

EDU121: Teaching Adolescents with Exceptionalities . . . . .	3
EDU240: Adolescent Literacy . . . . .	3
ECO278: Economic Geography . . . . .	3
History 300-Level Elective . . . . .	3
History Elective (200-Level or higher) . . . . .	3
HIS410: Seminar in Historical Methodology . . . . .	3

**SEVENTH SEMESTER: 16 credits**

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
SOC100: Introduction to Sociology . . . . .	3
Elective . . . . .	3

**EIGHTH SEMESTER: 14 credits**

EDU473: Supervised Teaching in Secondary Schools . . . . .	6
Elective . . . . .	2
HIS276: History of New York: State and City . . . . .	3
History 300-Level Elective . . . . .	3

**Credits Required at St. Joseph's**

**College: 64 credits**

**Credits Required at Suffolk County**

**Community College: 64-66 credits**

**Total Credits Required to Complete the Joint**

**Program: 128-130 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, CIP Code - 24.0101**

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, 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.

## Program at Suffolk County Community College

### FIRST SEMESTER: 17 credits *Credits*

COL101: College Seminar	1
COM101: Introduction to Human Communication	
or COM105: Public Speaking	3
ENG101: Standard Freshman Composition	3
* Foreign Language	3
MAT126: Precalculus Mathematics	4
PSY101: Introduction to Psychology	3

### SECOND SEMESTER: 15 credits

ENG102: Introduction to Literature	3
* Foreign Language	3
Laboratory Science Elective	4
MAT141: Calculus with Analytic Geometry I	4
Physical Education	1

### THIRD SEMESTER: 15 credits

CST112: Introduction to Programming	4
HIS101: Western Civilization I	
or HIS102: Western Civilization II	3
MAT142: Calculus with Analytic Geometry II	4
Physical Education	1
PSY217: Adolescent Psychology	3

### FOURTH SEMESTER: 17 credits

EDU201: Introduction to Education	3
HIS103: Foundations of American History	
or HIS104: Modern American History	3
MAT203: Calculus with Analytic Geometry III	4
MAT204: Differential Equations	4
** Music or Visual Arts Elective	3

### TOTAL CREDITS REQUIRED: 64

\* 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, MUS101, MUS103, MUS105, MUS117, MUS206 or MUS210.

REQUIRED CREDIT DISTRIBUTION AT  
SUFFOLK COUNTY COMMUNITY COLLEGE

Mathematics . . . . .	20 credits
Computer Science . . . . .	4 credits
Education . . . . .	3 credits
English . . . . .	6 credits
Humanities . . . . .	12 credits
Laboratory Science . . . . .	4 credits
Social Sciences . . . . .	12 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	2 credits

**B.S. Program at St. Joseph's College**

**FIFTH SEMESTER: 18 credits** *Credits*

EDU115: Educational Psychology . . . . .	3
MAT204: Analytic Trigonometry and Geometry . . . . .	3
MAT208: Advanced Calculus . . . . .	4
PHY150: Physics I . . . . .	4
SPC115: Voice/Diction or SPC205: Intercultural Communication . . . . .	3
SJC200: Transfer Seminar . . . . .	1

**SIXTH SEMESTER: 16 credits**

EDU121: Teaching Adolescents with Exceptionalities . . . . .	3
EDU240: Adolescent Literacy . . . . .	3
COM152: Computer Programming . . . . .	3
MAT356: Linear Algebra or MAT354: Modern Algebra . . . . .	3
PHY151: Physics II . . . . .	4

**SEVENTH SEMESTER: 15 credits**

EDU360: Methods of Secondary Education . . . . .	3
EDU364: Methods in Teaching Mathematics . . . . .	2
MAT246: Probability and Statistics . . . . .	3
MAT471: Seminar . . . . .	3
Laboratory Science . . . . .	4

**EIGHTH SEMESTER: 14 credits**

EDU473: Supervised Teaching in Secondary Schools . . . . .	6
Elective . . . . .	2
MAT362: Modern Geometry or MAT364: Topology . . . . .	3
Mathematics Elective . . . . .	3

**B.A. Program at St. Joseph's College<sup>1</sup>**

**FIFTH SEMESTER: 16 credits** *Credits*

EDU115: Educational Psychology . . . . .	3
Elective . . . . .	2
MAT208: Advanced Calculus . . . . .	4
Mathematics Elective . . . . .	3
SPC115: Voice/Diction or SPC205: Intercultural Communication . . . . .	3
SJC200: Transfer Seminar . . . . .	1

**SIXTH SEMESTER: 15 credits**

EDU121: Teaching Adolescents with Exceptionalities . . . . .	3
EDU240: Adolescent Literacy . . . . .	3
Elective . . . . .	3
COM152: Computer Programming . . . . .	3
MAT356: Linear Algebra or MAT354: Modern Algebra . . . . .	3

**SEVENTH SEMESTER: 17 credits**

EDU360: Methods of Secondary Education . . . . .	3
EDU364: Methods in Teaching Mathematics . . . . .	2
Elective . . . . .	3
MAT246: Probability and Statistics . . . . .	3
Mathematics Elective . . . . .	3
SPC205: Intercultural Communication or SPC115: Voice and Diction . . . . .	3

**EIGHTH SEMESTER: 15 credits**

EDU473: Supervised Teaching in Secondary Schools . . . . .	6
Elective . . . . .	3
MAT307: Real Analysis or MAT362: Modern Geometry or MAT364: Topology . . . . .	3
MAT471: Seminar . . . . .	3

**Credits Required at St. Joseph's  
College: 63 credits**

**Credits Required at Suffolk County  
Community College: 64 credits**

**Total Credits Required to Complete the Joint  
Program: 127 credits**

*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, CIP Code - 24.0101

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: 16-17 credits	<i>Credits</i>
COL101: College Seminar . . . . .	1
ENG101: Standard Freshman Composition . . . . .	3
* Foreign Language . . . . .	3
◇ Mathematics Elective . . . . .	3-4
PSY101: Introduction to Psychology . . . . .	3
** Visual Arts Elective . . . . .	3
<b>SECOND SEMESTER: 17 credits</b>	
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: 15-16 credits

HIS103: Foundations of American History or HIS104: Modern American History . . . . .	3
◇ Mathematics Elective . . . . .	3-4
† Music Elective . . . . .	3
*** Philosophy Elective . . . . .	3
PSY213: The Exceptional Child . . . . .	3

### FOURTH SEMESTER: 16-17 credits

‡ Course in Area of Concentration . . . . .	3-4
EDU201: Introduction to Education . . . . .	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: 64-67

- \* 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**

Area of Concentration	3 credits
Education	3 credits
English	6 credits
Humanities	18 credits
Mathematics/Science	14-16 credits
Social Sciences	18 credits
College Seminar	1 credit
Physical Education	1 credit

### B.A. Program at St. Joseph's College

<b>FIFTH SEMESTER: 16 credits</b>	<i>Credits</i>
Course in area of concentration	3
CS301: Literacy and Language in the Primary Grades	3
CS308: Education for Preschool and Kindergarten Years	3
CS324: Special Education: Curriculum, Methods, Materials 1	3
SPC224: Children's Literature and Oral Expression	3
SJC200: Transfer Seminar	1

### 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
CS309: Mathematics/Science in the Elementary School	3
CS321: Psychoeducational Assessment	3
CS325: Special Education: Curriculum, Methods, Materials 2	3

### SEVENTH SEMESTER: 15 credits

Course in area of concentration	3
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
CS402: Research in Special Education	3
CS424: Special Education Practicum	5

**Credits Required at St. Joseph's College: 66 credits**

**Credits Required at Suffolk County Community College: 64-67 credits**

**Total Credits Required to Complete the Joint Program: 130-132<sup>1</sup>**

<sup>1</sup> 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, CIP Code - 24.0101**

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: 17-18 Credits** *Credits*

COL101: College Seminar . . . . .	1
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: 15-16 credits**

† English Elective . . . . .	3
*** Humanities Elective I: Philosophy or Foreign Language . . . . .	3
Liberal Arts and Sciences Elective (see Note 2) . . . . .	3
Mathematics or Science Elective . . . . .	3-4
Unrestricted Elective (see Note 2) . . . . .	3

**FOURTH SEMESTER: 15-16 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

**TOTAL CREDITS REQUIRED: 64-67**

- \* Criminal Justice courses do not fulfill a social sciences 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:

- a) 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, art, music, theatre, or any other humanities course designed "HUM" except HUM130.
- b) 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 General Education Requirements are explained on page 89 of this catalog.* 3) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

**REQUIRED CREDIT DISTRIBUTION**

English . . . . .	9 credits
Humanities . . . . .	9 credits
Liberal Arts and Sciences Elective . . . . .	3 credits
Mathematics and Science . . . . .	13-16 credits
Social Sciences . . . . .	15 credits
Unrestricted Electives . . . . .	9 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	2 credits

# LIBERAL ARTS AND SCIENCES: HUMANITIES EMPHASIS / A.A. DEGREE

**Ammerman / LACS-AA, LACW-AA, LAEG-AA, LAFL-AA, LAPL-AA**  
**Hegis Code - 5649, CIP Code - 24.0101**

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.

## Cinema Studies Option (LACS-AA)

**FIRST SEMESTER: 16 credits** *Credits*

- ♦ CIN111: Cinema Studies I : From Kinetoscopes to Kane ..... 3
- COL101: College Seminar ..... 1
- ♦ COM101: Introduction to Human Communication or COM102: Interpersonal Communication or COM105: Public Speaking ..... 3
- ENG101: Standard Freshman Composition .. 3
- \*♦ Foreign Language ..... 3
- HIS101: Western Civilization I or IND101: Civilization: The Human Experience I ..... 3

**SECOND SEMESTER: 16-17 credits**

- ♦ CIN112: Cinema Studies II : From Noir to Now ..... 3
- ♦ ENG102: Introduction to Literature ..... 3
- \*♦ Foreign Language ..... 3
- HIS102: Western Civilization II or IND102: Civilization: The Human Experience II or ..... 3
- MAT103: Statistics I or MAT124: Fundamentals of Precalculus I or higher ..... 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: 12-13 credits**

- \*\*\*♦ ART/MUS/THR Elective ..... 3
- ♦ CIN113: American Cinema ..... 3
- Mathematics/Laboratory Science Elective ..... 3-4
- † Other World Civilizations Elective ..... 3

**TOTAL CREDITS REQUIRED: 61-63**

## Creative Writing Option (LACW-AA)

**FIRST SEMESTER: 16 credits** *Credits*

- COL101: College Seminar ..... 1
- ♦ COM101: Introduction to Human Communication or COM102: Interpersonal Communication or COM105: Public Speaking ..... 3
- ENG101: Standard Freshman Composition .. 3
- \*♦ Foreign Language ..... 3
- ♦ Humanities Elective ..... 3
- HIS101: Western Civilization I or IND101: Civilization: The Human Experience I ..... 3

**SECOND SEMESTER: 16-17 credits**

- ♦ ENG102: Introduction to Literature ..... 3
- ♦ ENG131: Creative Writing ..... 3
- \*♦ Foreign Language ..... 3
- HIS102: Western Civilization II or IND102: Civilization: The Human Experience II ..... 3
- MAT103: Statistics I or MAT124: Fundamentals of Precalculus I or higher ..... 3-4
- Physical Education ..... 1



**THIRD SEMESTER: 14 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

**FOURTH SEMESTER: 15-16 credits**

- \*\*\*♦ ART/CIN/MUS/THR Elective ..... 3
- ♦ ENG213: English Literature I, ENG214: English Literature II, ENG215: American Literature I or ENG216: American Literature II ..... 3
- ♦ English Elective ..... 3
- Mathematics/Laboratory Science Elective ..... 3-4
- † Other World Civilizations Elective ..... 3

**TOTAL CREDITS REQUIRED: 61-63****English Option (LAEG-AA)****FIRST SEMESTER: 16 credits** *Credits*

- COL101: College Seminar ..... 1
- ♦ COM101: Introduction to Human Communication or COM102: Interpersonal Communication or COM105: Public Speaking..... 3
- ENG101: Standard Freshman Composition.. 3
- \*♦ Foreign Language ..... 3
- ♦ Humanities Elective..... 3
- HIS101: Western Civilization I or IND101: Civilization: The Human Experience I ..... 3

**SECOND SEMESTER: 16-17 credits**

- ♦ ENG102: Introduction to Literature ..... 3
- ‡♦ English Elective ..... 3
- \*♦ Foreign Language ..... 3
- HIS102: Western Civilization II or IND102: Civilization: The Human Experience II..... 3
- MAT103: Statistics I or MAT124: Fundamentals of Precalculus I or higher ..... 3-4
- Physical Education..... 1

**THIRD SEMESTER: 14 credits**

- \*\* American History Elective ..... 3
- ‡♦ English Elective ..... 3
- Laboratory Science Elective ..... 4
- ♦ Philosophy Elective ..... 3
- Physical Education..... 1

**FOURTH SEMESTER: 15-16 credits**

- \*\*\*♦ ART/CIN/MUS/THR Elective ..... 3
- ‡♦ English Electives (2 courses)..... 6
- Mathematics/Laboratory Science Elective ..... 3-4
- † Other World Civilizations Elective ..... 3

**TOTAL CREDITS REQUIRED: 61-63****Foreign Language Option (LAFL-AA)****FIRST SEMESTER: 16 credits** *Credits*

- COL101: College Seminar..... 1
- ♦ COM101: Introduction to Human Communication or COM102: Interpersonal Communication or COM105: Public Speaking..... 3
- ENG101: Standard Freshman Composition.. 3
- \*♦ Foreign Language ..... 3
- ♦ Humanities Elective..... 3
- HIS101: Western Civilization I or IND101: Civilization: The Human Experience I ..... 3

**SECOND SEMESTER: 16-17 credits**

- \*\*\*♦ ART/CIN/MUS/THR Elective ..... 3
- ♦ ENG102: Introduction to Literature ..... 3
- \*♦ Foreign Language ..... 3
- HIS102: Western Civilization II or IND102: Civilization: The Human Experience II..... 3
- MAT103: Statistics I or MAT124: Fundamentals of Precalculus I or higher ..... 3-4
- Physical Education..... 1

**THIRD SEMESTER: 17 credits**

- \*\* American History Elective ..... 3
- English Elective ..... 3
- \*♦ Foreign Language ..... 3
- Laboratory Science Elective ..... 4
- ♦ Philosophy Elective ..... 3
- Physical Education..... 1

**FOURTH SEMESTER: 12-13 credits**

- \*♦ Foreign Language ..... 3
- ♦ Foreign Language Elective ..... 3
- Mathematics/Laboratory Science Elective ..... 3-4
- † Other World Civilizations Elective ..... 3

**TOTAL CREDITS REQUIRED: 61-63****Philosophy Option (LAPL-AA)****FIRST SEMESTER: 16 credits** *Credits*

- COL101: College Seminar..... 1
- ♦ COM101: Introduction to Human Communication or COM102: Interpersonal Communication or COM105: Public Speaking..... 3
- ENG101: Standard Freshman Composition.. 3
- \*♦ Foreign Language ..... 3
- HIS101: Western Civilization I or IND101: Civilization: The Human Experience I ..... 3
- ♦♦ Philosophy Elective ..... 3

**SECOND SEMESTER: 16-17 credits**

- ◆ ENG102: Introduction to Literature ..... 3
- \*◆ Foreign Language ..... 3
- HIS102: Western Civilization II  
    or IND102: Civilization: The Human  
    Experience II. .... 3
- MAT103: Statistics I  
    or MAT124: Fundamentals of  
    Precalculus I or higher ..... 3-4
- ◇◆ Philosophy Elective ..... 3
- Physical Education. .... 1

**THIRD SEMESTER: 14 credits**

- \*\* American History Elective ..... 3
- \*\*\*◆ ART/CIN/MUS/THR Elective ..... 3
- Laboratory Science Elective ..... 4
- ◇◆ Philosophy Elective ..... 3
- Physical Education. .... 1

**FOURTH SEMESTER: 15-16 credits**

- ◆ English Elective ..... 3
- Mathematics/Laboratory  
    Science Elective ..... 3-4
- ◇◆ Philosophy Electives (2 courses) ..... 6
- † Other World Civilizations Elective ..... 3

**TOTAL CREDITS REQUIRED: 61-63****REQUIRED CREDIT DISTRIBUTION**

- English ..... 6-18 credits
- Humanities. .... 21-33 credits
- Mathematics and Science. .... 10-12 credits
- Social Sciences ..... 9-12 credits
- College Seminar. .... 1 credit
- Physical Education ..... 2 credits

\* 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.

\*\* One course to be chosen from HIS103, HIS104, POL105.

\*\*\* One course to be selected from the following: ART101, ART111, ART112, ART113, ART114, 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. (MUS123, MUS131-135 can be used only if they add up to four credits.)

† An elective that deals with Other World Civilizations to be chosen from the following: ANT101, ANT105, ANT203, ANT205, ANT211, COM202, ENG212, GEO101, GEO102, GEO103, HIS107, HIS110, HIS118, HIS119, HIS120, PHL111, POL107, or POL111.

‡ At least one of these courses must be a literature course.

◇ To be chosen 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)

◆ 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 General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

# LIBERAL ARTS AND SCIENCES: INTERNATIONAL STUDIES EMPHASIS / A.A. DEGREE

## Ammerman - Eastern - Grant / LAIS-AA Hegis Code - 5622, CIP Code - 24.0101

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 sciences. 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: 13 Credits	Credits
COL101: College Seminar . . . . .	1
COM101: Introduction to Human Communication or COM105: Public Speaking . . . . .	3
ENG101: Standard Freshman Composition . . . . .	3
*♦ Foreign Language Elective . . . . .	3
MAT103: Statistics I . . . . .	3

SECOND SEMESTER: 17 Credits	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: 18 credits	Credits
♦ BUS141: Fundamentals of International Business . . . . .	3
ECO112: Microeconomics: Prices and Markets . . . . .	3
*♦ Foreign Language Elective . . . . .	3
♦ GEO101: World Regional Geography . . . . .	3
Liberal Arts and Sciences Elective . . . . .	3
♦ Option Elective (see below) . . . . .	3

FOURTH SEMESTER: 16 credits	Credits
*♦ Foreign Language Elective . . . . .	3
♦ HIS118: Major World Cultures . . . . .	3
***♦ International Placement . . . . .	3
**♦ Restricted Social Sciences Elective . . . . .	3
♦ Option Elective (see below) . . . . .	3
Physical Education . . . . .	1

Business Option 9 credits	Credits
MKT101: Marketing . . . . .	3
♦ MKT220: International Marketing . . . . .	3
Liberal Arts and Sciences Elective . . . . .	3

Humanities Option 9 credits	Credits
♦ ENG212: Contemporary Global Literature . . . . .	3
†♦ Restricted Humanities Elective . . . . .	3
♦ PHL111: World Philosophies . . . . .	3

Social Sciences Option 9 credits	Credits
♦ HIS101: Western Civilization I or HIS102: Western Civilization II . . . . .	3
♦ HIS107: Modern World History . . . . .	3
♦ POL107: World Politics . . . . .	3

**TOTAL CREDITS REQUIRED: 64**

\* 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 Chair/Academic Dean 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, 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 Sciences 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 General Education Requirements on page 89 for selecting courses.* 4) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

#### REQUIRED CREDIT DISTRIBUTION

Business and Computer Science . . . . .	0-6 credits
English . . . . .	6-9 credits
Humanities . . . . .	15-21 credits
International Placement . . . . .	.3 credits
Mathematics and Science . . . . .	.7 credits
Liberal Arts Elective . . . . .	.3 credits
Social Sciences . . . . .	12-21 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	.2 credits

## LIBERAL ARTS AND SCIENCES: MATHEMATICS EMPHASIS / A.A. DEGREE

**Ammerman / LAMA-AA**

**Hegis Code - 5649, CIP Code - 24.0101**

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.

<b>FIRST SEMESTER: 16 credits</b>	<i>Credits</i>
COL101: College Seminar . . . . .	1
ENG101: Standard Freshman Composition . . . . .	3
♦ MAT141: Calculus with Analytic Geometry I . . . . .	4
CST112: Introduction to Programming . . . . .	4
Physical Education . . . . .	1
Social Sciences Elective . . . . .	3

<b>SECOND SEMESTER: 16 credits</b>	
ENG102: Introduction to Literature . . . . .	3
♦ MAT142: Calculus with Analytic Geometry II . . . . .	4
** History Elective . . . . .	3
Humanities Elective . . . . .	3
Social Sciences Elective . . . . .	3

<b>THIRD SEMESTER: 14 credits</b>	
♦ MAT200: Language, Logic and Proof . . . . .	3
♦ MAT203: Calculus with Analytic Geometry III . . . . .	4
Humanities Elective . . . . .	3
* Laboratory Science Elective . . . . .	4

<b>FOURTH SEMESTER: 16 credits</b>	
♦ MAT204: Differential Equations . . . . .	4
♦ MAT206: Linear Algebra . . . . .	4
Humanities Elective . . . . .	3
Physical Education . . . . .	1
* Laboratory Science Elective . . . . .	4

**TOTAL CREDITS REQUIRED: 62**

*Program requirements are subject to change. See "Curricula Descriptions and Requirements" on page 91.*

\* Recommended: PHY130 and PHY132, PHY230 and 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.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

#### REQUIRED CREDIT DISTRIBUTION

Mathematics . . . . .	.23 credits
Computer Science . . . . .	.4 credits
English . . . . .	.6 credits
Humanities . . . . .	.9 credits
Science . . . . .	.8 credits
Social Sciences . . . . .	.9 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	.2 credits

## LIBERAL ARTS AND SCIENCES: SCIENCE EMPHASIS / A.S. DEGREE

Ammerman - Eastern - Grant / LABI-AS, LASC-AS, LAGE-AS (LAAS-AS, LAME-AS),  
LAFR-AS, LAPH-AS  
Hegis Code - 5649, CIP Code - 24.0101

### *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 may not be 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.

#### FIRST SEMESTER: 17 credits Credits

- \* COL101: College Seminar ..... 1
- ♦ BIO150: Modern Biology ..... 4
- ♦ CHE133: College Chemistry I ..... 4
- ENG101: Standard Freshman Composition .. 3
- MAT141: Calculus and Analytical  
Geometry I ..... 4
- Physical Education ..... 1

#### SECOND SEMESTER: 19 credits

- ♦ BIO152: Modern Biology II ..... 4
- ♦ CHE134: College Chemistry II ..... 4
- ENG102: Introduction to Literature ..... 3
- Humanities Elective ..... 3
- MAT142: Calculus with Analytical  
Geometry II ..... 4
- Physical Education ..... 1

#### THIRD SEMESTER: 17-18 credits

- \*\*♦ Restricted Biology Elective ..... 4
- \*\*\* History Elective ..... 3
- Humanities Elective ..... 3
- ♦ PHY130/132: Physics I  
or PHY101: College Physics I  
or CHE250: Organic Chemistry I ..... 4-5
- Social Sciences Elective ..... 3

#### FOURTH SEMESTER: 16-19 credits

- ♦ 2 Liberal Arts and Science Electives ..... 6-8
- ♦ PHY230/232: Physics II  
or PHY102: College Physics II  
or CHE251: Organic Chemistry II ..... 4-5
- Humanities Elective ..... 3
- Social Sciences Elective ..... 3

**TOTAL CREDITS REQUIRED: 69-73**

### 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.

#### FIRST SEMESTER: 15 credits Credits

- \* COL101: College Seminar ..... 1
- ♦ CHE133: College Chemistry I ..... 4
- ENG101: Standard Freshman Composition .. 3
- Humanities Elective ..... 3
- Social Sciences Elective ..... 3
- Physical Education ..... 1

#### SECOND SEMESTER: 17 credits

- ♦ CHE134: College Chemistry II ..... 4
- ENG102: Introduction to Literature ..... 3
- Humanities Elective ..... 3
- MAT141: Calculus and Analytical  
Geometry I ..... 4
- Social Sciences Elective ..... 3

#### THIRD SEMESTER: 17 credits

- ♦ CHE250: Organic Chemistry I ..... 5
- Humanities Elective ..... 3
- MAT142: Calculus with Analytical  
Geometry II ..... 4
- ♦ PHY130/132: Physics I ..... 4
- Physical Education ..... 1

#### FOURTH SEMESTER: 18 credits

- ♦ CHE251: Organic Chemistry II ..... 5
- \*\*\* History Elective ..... 3
- ♦ 2 Liberal Arts and Science Electives ..... 6
- ♦ PHY230/232: Physics II ..... 4

**TOTAL CREDITS REQUIRED: 67**

## 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.

### ASTRONOMY SEQUENCE (LAAS-AS)

#### FIRST SEMESTER: 15 credits *Credits*

- \* COL101: College Seminar . . . . . 1
- ENG101: Standard Freshman Composition . . . 3
- ♦ AST101: Astronomy of the Solar System . . . 4
- Humanities Elective . . . . . 3
- Physical Education . . . . . 1
- Social Sciences Elective . . . . . 3

#### SECOND SEMESTER: 17 credits

- ENG102: Introduction to Literature . . . . . 3
- ♦ AST102: Astronomy of Stars and Galaxies . . . . . 4
- HIS101: Western Civilization I or HIS102: Western Civilization II or HIS107: Modern World History . . . . . 3
- Humanities Elective . . . . . 3
- MAT141: Calculus and Analytical Geometry I . . . . . 4

#### THIRD SEMESTER: 15 credits

- ♦ AST201: Observational Astronomy . . . . . 4
- HIS103: Foundations of American History or HIS104: Modern American History or HIS118: Major World Cultures or HIS119: The Far Eastern World or HIS120: History of Religion . . . . . 3
- MAT142: Calculus with Analytical Geometry II . . . . . 4
- ♦ PHY130/132: Physics I . . . . . 4

#### FOURTH SEMESTER: 14-16 credits

- ♦♦ 2 Liberal Arts and Sciences Electives . . . . . 6-8
- Humanities Elective . . . . . 3
- ♦ PHY230/232: Physics II . . . . . 4
- Physical Education . . . . . 1

#### TOTAL CREDITS REQUIRED: 61-63

### GEOLOGY SEQUENCE (LAGE-AS)

#### FIRST SEMESTER: 16 credits *Credits*

- \* COL101: College Seminar . . . . . 1
- ♦ CHE133: College Chemistry I . . . . . 4
- ENG101: Standard Freshman Composition . . . 3
- ♦ ESC101: Introduction to Geology . . . . . 4
- Humanities Elective . . . . . 3
- Physical Education . . . . . 1

#### SECOND SEMESTER: 17 credits

- ♦ CHE134: College Chemistry II . . . . . 4
- ENG102: Introduction to Literature . . . . . 3
- HIS101: Western Civilization I or HIS102: Western Civilization II or HIS107: Modern World History . . . . . 3
- Humanities Elective . . . . . 3
- ♦ MAT141: Calculus and Analytical Geometry I . . . . . 4

#### THIRD SEMESTER: 15 credits

- ♦ ESC102: Evolution of Earth and Life . . . . . 4
- HIS103: Foundations of American History or HIS104: Modern American History or HIS118: Major World Cultures or HIS119: The Far Eastern World or HIS120: History of Religion . . . . . 3
- ♦ MAT142: Calculus with Analytical Geometry II . . . . . 4
- ♦ PHY130/132: Physics I . . . . . 4

#### FOURTH SEMESTER: 14-15 credits

- ♦ Liberal Arts and Sciences Elective . . . . . 3-4
- Social Sciences Elective . . . . . 3
- Humanities Elective . . . . . 3
- ♦ PHY230/232: Physics II . . . . . 4
- Physical Education . . . . . 1

#### TOTAL CREDITS REQUIRED: 62-63

### METEOROLOGY SEQUENCE (LAME-AS)

#### FIRST SEMESTER: 16 credits *Credits*

- \* COL101: College Seminar . . . . . 1
- ♦ CHE133: College Chemistry I . . . . . 4
- ENG101: Standard Freshman Composition . . . 3
- ♦ MET101: Introduction to Weather . . . . . 4
- Humanities Elective . . . . . 3
- Physical Education . . . . . 1

#### SECOND SEMESTER: 17 credits

- ♦ CHE134: College Chemistry II . . . . . 4
- ENG102: Introduction to Literature . . . . . 3
- HIS101: Western Civilization I or HIS102: Western Civilization II or HIS107: Modern World History . . . . . 3
- ♦ MET103: Global Climate Change . . . . . 3
- MAT141: Calculus and Analytical Geometry I . . . . . 4

#### THIRD SEMESTER: 14 credits

- Humanities Elective . . . . . 3
- HIS103: Foundation of American History or HIS104: Modern American History or HIS118: Major World Cultures or HIS119: The Far Eastern World or HIS120: History of Religion . . . . . 3
- MAT142: Calculus with Analytical Geometry II . . . . . 4
- ♦ PHY130/132: Physics I . . . . . 4



**FOURTH SEMESTER: 15 credits**

Humanities Elective.....	3
Social Sciences Elective.....	3
MAT203: Calculus with Analytical Geometry III.....	4
♦ PHY230/232: Physics II.....	4
Physical Education.....	1

**TOTAL CREDITS REQUIRED: 62**

### 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.

**FIRST SEMESTER: 17 credits** *Credits*

♦ BIO150: Modern Biology I.....	4
♦ CHE133: College Chemistry I.....	4
* COL101: College Seminar.....	1
ENG101: Standard Freshman Composition..	3
MAT141: Calculus and Analytical Geometry I.....	4
Physical Education.....	1

**SECOND SEMESTER: 16 credits**

♦ BIO152: Modern Biology II.....	4
♦ CHE134: College Chemistry II.....	4
ENG121: Technical Writing.....	3
MAT142: Calculus with Analytical Geometry II.....	4
Physical Education.....	1

**THIRD SEMESTER: 17 credits**

♦ BIO210: Field Biology and Ecology.....	4
COM101: Introduction to Human Communication.....	3
Humanities Elective.....	3
♦ PHY130/132: Physics I.....	4
† Social Sciences Elective.....	3

**FOURTH SEMESTER: 16 credits**

♦ ENV128: Contemporary Environmental Problems.....	3
*** History Elective.....	3
Humanities Elective.....	3
♦ PHY230/232: Physics II.....	4
† Social Sciences Elective.....	3

**TOTAL CREDITS REQUIRED: 66**

### 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.

*Program requirements are subject to change. See "Curricula Descriptions and Requirements" on page 91.*

**FIRST SEMESTER: 17 credits** *Credits*

* COL101: College Seminar.....	1
ENG101: Standard Freshman Composition..	3
Humanities Elective.....	3
‡ Liberal Arts and Sciences Elective.....	3
MAT141: Calculus and Analytical Geometry I..	4
Social Sciences Elective.....	3

**SECOND SEMESTER: 15 credits**

ENG102: Introduction to Literature.....	3
‡ Liberal Arts and Sciences Elective.....	3
MAT142: Calculus with Analytical Geometry II.....	4
♦ PHY130/132: Physics I.....	4
Physical Education.....	1

**THIRD SEMESTER: 15 credits**

Humanities Elective.....	3
MAT203: Calculus with Analytical Geometry III.....	4
MAT204: Differential Equations.....	4
♦ PHY230/232: Physics II.....	4

**FOURTH SEMESTER: 17 credits**

Humanities Elective.....	3
*** History Elective.....	3
♦ PHY245/246: Physics III.....	4
Social Sciences Elective.....	3
‡ Liberal Arts and Sciences Elective.....	3
Physical Education.....	1

**TOTAL CREDITS REQUIRED: 68**

- \* LIB101 can be taken as an alternative to COL101.
- \*\* To be selected from BIO210, BIO262, BIO270, or BIO272.
- \*\*\* To be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119 or HIS120.
- † To be selected from SOC101, POL103, ECO111, or ECO112.
- ‡ Recommended Electives: ENS118, ENS119, CHE133, CHE134
- ♦ MAT203 is strongly recommended.
- ◆ These courses constitute the major courses in this curriculum.

NOTES: 1) PHY230-232 is not offered on the Grant campus. 2) Students planning to transfer to a SUNY four-year institution should check the SUNY General Education Requirements on page 89 for selecting courses. 3) See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.

#### REQUIRED CREDIT DISTRIBUTION

Science.....	20-31 credits
English.....	.6 credits
Humanities.....	3-9 credits
Mathematics.....	8-20 credits
Liberal Arts and Sciences.....	0-9 credits
Social Sciences.....	6-9 credits
College Seminar.....	1 credit
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 - 5622, CIP Code - 24.0101

This program is for students 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. After the core general education requirements, the four options have specific required courses.

### 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.

## History Option (LASH-AA)

### FIRST SEMESTER: 16 credits *Credits*

- ENG101: Standard Freshman Composition . . . 3
- LIB101: Introduction to College Research (*recommended*) or COL101: College Seminar . . . . . 1
- \* Foreign Language . . . . . 3
- MAT103: Statistics I . . . . . 3
- ♦ POL105: American National Politics and Government . . . . . 3
- ♦ PSY101: Introduction to Psychology . . . . . 3

### SECOND SEMESTER: 16 credits

- ENG102: Introduction to Literature . . . . . 3
- \* Foreign Language . . . . . 3
- ♦ HIS101: Western Civilization I . . . . . 3
- ♦ HIS103: Foundations of American History . . 3
- Laboratory Science Elective . . . . . 4

### THIRD SEMESTER: 16-17 credits

- COM101: Introduction to Human Communication or COM102: Interpersonal Communication or COM105: Public Speaking . . . . . 3
- ♦ HIS102: Western Civilization II . . . . . 3
- ♦ HIS104: Modern American History . . . . . 3
- Laboratory Science or Mathematics Elective . . . . . 3-4
- \*\*♦ Other World Civilizations Social Sciences Elective . . . . . 3
- Physical Education . . . . . 1

### FOURTH SEMESTER: 13-14 credits

- ♦ HIS107: Modern World History . . . . . 3
- Humanities Elective . . . . . 3
- Laboratory Science or Mathematics Elective . . . . . 3-4
- ♦ Social Sciences Elective . . . . . 3
- Physical Education . . . . . 1

**TOTAL CREDITS REQUIRED: 61-63**

## Political Science Option (LASS-AA)

### FIRST SEMESTER: 16 credits *Credits*

- ENG101: Standard Freshman Composition . . 3
- LIB101: Introduction to College Research (*recommended*) or COL101: College Seminar . . . . . 1
- \* Foreign Language . . . . . 3
- MAT103: Statistics I . . . . . 3
- ♦ POL105: American National Politics and Government . . . . . 3
- ♦ PSY101: Introduction to Psychology . . . . . 3

### SECOND SEMESTER: 16 credits

- ENG102: Introduction to Literature . . . . . 3
- \* Foreign Language . . . . . 3
- ♦ HIS101: Western Civilization I or HIS102: Western Civilization II . . . . . 3
- ♦ POL101: Political Thought . . . . . 3
- Laboratory Science Elective . . . . . 4

### THIRD SEMESTER: 16-17 credits

- COM101: Introduction to Human Communication or COM102: Interpersonal Communication or COM105: Public Speaking . . . . . 3
- ♦ HIS103: Foundations of American History or HIS104: Modern American History . . . 3
- \*\*\* Laboratory Science or Mathematics Elective . . . . . 3-4
- ♦ POL107: World Politics . . . . . 3
- \*\*♦ Other World Civilizations Social Sciences Elective . . . . . 3
- Physical Education . . . . . 1

### FOURTH SEMESTER: 13-14 credits

- Humanities Elective . . . . . 3
- Laboratory Science or Mathematics Elective . . . . . 3-4
- ♦ POL111: Comparative Politics . . . . . 3
- ♦ Social Sciences Elective . . . . . 3
- Physical Education . . . . . 1

**TOTAL CREDITS REQUIRED: 61-63**

## Psychology Option (LASP-AA)

### FIRST SEMESTER: 16 credits *Credits*

- ENG101: Standard Freshman Composition . . . 3
- LIB101: Introduction to College Research (*recommended*) or COL101: College Seminar . . . . . 1
- \* Foreign Language . . . . . 3
- MAT103: Statistics I . . . . . 3
- ♦ POL105: American National Politics and Government . . . . . 3
- ♦ PSY101: Introduction to Psychology . . . . . 3

### SECOND SEMESTER: 16 credits

- ENG102: Introduction to Literature . . . . . 3
- \* Foreign Language . . . . . 3
- ♦ HIS101: Western Civilization I or HIS102: Western Civilization II . . . . . 3
- ♦ PSY203: Child Psychology or PSY210: Lifespan Development or PSY217: Adolescent Psychology . . . . . 3
- Laboratory Science Elective . . . . . 4

### THIRD SEMESTER: 16-17 credits

- COM101: Introduction to Human Communication or COM102: Interpersonal Communication or COM105: Public Speaking . . . . . 3
- ♦ HIS103: Foundations of American History or HIS104: Modern American History . . . . 3
- † Laboratory Science or Mathematics Elective . . . . . 3-4
- ♦ PSY215: Abnormal Psychology . . . . . 3
- \*\*♦ Other World Civilizations Social Sciences Elective . . . . . 3
- Physical Education . . . . . 1

### FOURTH SEMESTER: 13-14 credits

- Humanities Elective . . . . . 3
- † Laboratory Science or Mathematics Elective . . . . . 3-4
- ♦ PSY216: Social Psychology . . . . . 3
- ♦ Social Sciences Elective . . . . . 3
- Physical Education . . . . . 1

### TOTAL CREDITS REQUIRED: 61-63

## Sociology Option (LASA-AA)

### FIRST SEMESTER: 16 credits *Credits*

- ENG101: Standard Freshman Composition . . . 3
- LIB101: Introduction to College Research (*recommended*) or COL101: College Seminar . . . . . 1
- \* Foreign Language . . . . . 3
- MAT103: Statistics I . . . . . 3
- ♦ POL105: American National Politics and Government . . . . . 3
- ♦ PSY101: Introduction to Psychology . . . . . 3

### SECOND SEMESTER: 16 credits

- ENG102: Introduction to Literature . . . . . 3
- \* Foreign Language . . . . . 3
- ♦ HIS101: Western Civilization I or HIS102: Western Civilization II . . . . . 3
- Laboratory Science Elective . . . . . 4
- ♦ SOC101: Introduction to Sociology . . . . . 3

### THIRD SEMESTER: 16-17 credits

- COM101: Introduction to Human Communication or COM102: Interpersonal Communication or COM105: Public Speaking . . . . . 3
- ♦ HIS103: Foundations of American History or HIS104: Modern American History . . . . 3
- Laboratory Science or Mathematics Elective . . . . . 3-4
- \*\*♦ Other World Civilizations Social Sciences Elective . . . . . 3
- ♦ SOC122: Modern Social Problems . . . . . 3
- Physical Education . . . . . 1

### FOURTH SEMESTER: 13-14 credits

- Humanities Elective . . . . . 3
- Laboratory Science or Mathematics Elective . . . . . 3-4
- ♦ Social Sciences Elective . . . . . 3
- ♦ SOC203: Marriage and the Family . . . . . 3
- Physical Education . . . . . 1

### TOTAL CREDITS REQUIRED: 61-63

\* 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

\*\* Other World Civilizations social sciences elective must be included and can be chosen from the following: ANT101, ANT105, ANT203, ANT205, ANT211, GEO101, GEO102, GEO103, HIS107, HIS110, HIS118, HIS119, HIS120, POL107 or POL111.

- \*\*\* It is recommended that students enrolled in the Political Science Option take MAT104 as one of their laboratory science/mathematics electives.
- † It is recommended that students enrolled in the Psychology Option take CHE100 and BIO101 as their laboratory science/mathematics 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 General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

**REQUIRED CREDIT DISTRIBUTION**

English .....	.6 credits
Humanities.....	12 credits
Mathematics and Science.....	13-15 credits
Social Sciences .....	27 credits
Library or College Seminar .....	1 credit
Physical Education .....	.2 credits

## LIBERAL ARTS AND SCIENCES: WOMEN’S AND GENDER STUDIES EMPHASIS / A.A. DEGREE

### Ammerman / LAWS-AA

**Hegis Code - 5622, CIP Code - 45.0101**

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 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.....	3-3
ENG101: Standard Freshman Composition.....	3
◆ HUM116/WST116: Gender and the Humanities.....	3
HIS101: Western Civilization I or IND101: Civilization: The Human Experience I .....	3
Mathematics Elective.....	3-4
Physical Education.....	1
◆ WST112: Women’s Seminar .....	1.5

**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
◆ 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
** Other World Civilizations Social Sciences Elective.....	3
Unrestricted Elective .....	3

**FOURTH SEMESTER: 13-14 credits**

English Elective . . . . .	3
Humanities Elective. . . . .	3
Mathematics/Science Elective . . . . .	3-4

- \*\*\*♦ SOC215: Sociology of Gender  
or HIS105: Women’s Role in  
American History  
or PSY212: Psychology of Gender. . . . . 3

**TOTAL CREDITS REQUIRED: 62.5-65.5**

\* Elective must be selected from the following:  
HUM114, WST122/HUM122, WST124/HUM124,  
WST130/HUM130, WST149/HUM149.

\*\* Other World Civilizations social sciences elective  
chosen from the following: ANT101, ANT105,  
ANT203, ANT205, ANT211, GEO101, GEO102,  
GEO103, HIS107, HIS110, HIS118, HIS120,  
POL107 or POL111.

\*\*\* 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. Students  
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.

- ♦ 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 General  
Education Requirements on page 89 for selecting  
courses.* 2) *See Transfer Agreements on page 28 for  
articulation agreements with four-year colleges and  
universities.*

**REQUIRED CREDIT DISTRIBUTION**

Women’s and Gender Studies . . . . .	7.5 credits
English . . . . .	.9 credits
Humanities. . . . .	12 credits
Mathematics/Science . . . . .	14 credits
Social Sciences . . . . .	15 credits
Unrestricted Elective. . . . .	.3 credits
Physical Education . . . . .	.2 credits

# MANUFACTURING TECHNOLOGY / A.A.S. DEGREE

## Grant / MFTY-AAS

Hegis Code - 5312, CIP Code - 15.0613

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 Standard Freshman Composition (ENG101), Technical Math (MAT112) and Advanced College Reading (RDG101). Students already enrolled in college must have successfully completed Algebra I (MAT007), or equivalent 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.

160

<b>FIRST SEMESTER: 14 credits</b>	<i>Credits</i>
BUS115: College/Workplace Skills Seminar or COL101: College Seminar .....	1
♦ MFT101: Introduction to Machine Tool Theory – Lab I .....	4
♦ MFT110: Interpreting Engineering Drawings .....	2
♦ MFT150: Manufacturing Information Systems .....	2
MAT112: Technical Mathematics I .....	4
Physical Education Elective .....	1

<b>SECOND SEMESTER: 17 credits</b>	
♦ MFT102: Manufacturing/CNC Theory – Lab II .....	5
♦ MFT210: Computer Graphics Application I (Introduction to CAD) .....	3
MAT113: Technical Mathematics II .....	4
PHY112: Technical Physics I .....	4
Physical Education Elective .....	1

<b>THIRD SEMESTER: 15 credits</b>	
♦ MFT201: Advanced Machining Processes – Lab III .....	4
♦ MFT211: Computer Aided Manufacturing (CAM) .....	3
♦ MFT240: Materials of Industry .....	2
ENG101: Standard Freshman Composition .....	3
Social Sciences Elective .....	3

<b>FOURTH SEMESTER: 18 credits</b>	
♦ 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: 64**

- ♦ These courses constitute the major courses in this curriculum.

### REQUIRED CREDIT DISTRIBUTION

Manufacturing Technology .....	34 credits
English .....	6 credits
Humanities .....	3 credits
Mathematics/Laboratory Science .....	12 credits
Social Sciences .....	6 credits
Physical Education .....	2 credits
College Seminar .....	1 credit



# MUSIC / A.S. DEGREE

## Ammerman / MUSC-AS

### Hegis Code - 5610, CIP Code - 50.0101

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: 15

*Credits*

ENG101: Standard Freshman Composition . . .	3
♦ MUS115: College Seminar for Music Majors . . . . .	1
♦ 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: 17-18 credits

ENG102: Introduction to Literature . . . . .	3
Mathematics Elective . . . . .	3-4
♦ 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: 16 credits

Laboratory Science Elective . . . . .	4
♦ 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

** History Elective . . . . .	3
Humanities Elective . . . . .	3
♦ MUS208: Music Theory IV . . . . .	3
♦ MUS209: Aural Skills IV . . . . .	2
♦ MUS210: Music History II . . . . .	3
♦ MUS211: Applied Music IV . . . . .	1

#### TOTAL CREDITS REQUIRED: 63-64

\* 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 General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

#### REQUIRED CREDIT DISTRIBUTION

Music . . . . .	39 credits
English . . . . .	.6 credits
Humanities . . . . .	.3 credits
Mathematics/Science . . . . .	7-8 credits
Social Sciences . . . . .	.6 credits
Physical Education . . . . .	.2 credits
College Seminar . . . . .	1 credit

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, A.S. DEGREE

Ammerman - Grant / NURS1-AAS, NURS2-AAS, NURS3-AAS, NURS4-AAS, NURS5-AAS, NURS6-AAS, NURS1-AS, NURS2-AS, NURS3-AS, NURS4-AS, NURS5-AS, NURS6-AS

Hegis Code - 5208.10, CIP Code - 51.3801

This program leads to the Associate in Applied Science (A.A.S.) degree or Associate in Science (A.S.). 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. Information on articulation agreements between Suffolk County Community College and potential transfer institutions can be found at [www.sunysuffolk.edu/Students/TransferOpps.asp](http://www.sunysuffolk.edu/Students/TransferOpps.asp). Upon award of the degree, graduates are qualified to sit for the National Council Licensure Examination for Registered Professional Nurses (NCLEX-RN).\* (See page 164)

The Associate in Applied Science (A.A.S.) and the Associate in Science (A.S.) degree in Nursing are registered by the New York State Education Department and accredited by the New York State Board of Regents and the Accreditation Commission for Education in Nursing (ACEN) 3343 Peachtree Road, NE Suite 850, Atlanta, Georgia 30326: (404) 975-5000, Fax: (404) 975-5020 ([www.acenursing.org](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 Office of Admissions. Prospective students must complete the application for admission by the application deadline. Applicants for all program options (Day, Evening and LPN-RN) are required to take the Test for Essential Academic Skills (ATI TEAS)\*\* and achieve a minimum of Proficient Level on the ATI Academic Preparedness Category in order to be considered for admission. The Office of Central Admissions must receive the ATI TEAS score report by the application deadline. Within the year prior to the deadline, applicants may only take the ATI TEAS twice, and must register and pay all fees each time. The results of the second attempt would then be used for admission consideration. Further information, including dates and locations for ATI TEAS testing at the College, is posted on Suffolk County Community College School of Nursing website [www.sunysuffolk.edu/Nursing](http://www.sunysuffolk.edu/Nursing) and on the ATI website [www.atitesting.com](http://www.atitesting.com). 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.

*\*\*Current high school students applying for admission to the Associate Degree Day program are exempt from taking the ATI TEAS test but must meet all other minimum requirements, as specified below.*

### MINIMUM REQUIREMENTS FOR CONSIDERATION FOR ADMISSION

<p>Current High School Students Applying for Admission Consideration into the Nursing Program (Day Option) (Ammerman and Michael J. Grant Campuses)</p>	<ul style="list-style-type: none"> <li>• 80 unweighted final high school academic average.</li> <li>• Final course average in Regents Biology Class (or its equivalent) of 80 or better, Regents Biology Exam score of 80 or better.</li> <li>• Final course average in Regents Chemistry Class (or its equivalent) of 80 or better. Regents Chemistry Exam score of 80 or better.</li> <li>• Final course average in Regents Integrated Algebra (or its equivalent) of 80 or better.</li> <li>• Minimum SAT score of 1000 (combined score between Critical Reading &amp; Mathematics) or Minimum Score of 21 on ACT Exam.</li> </ul>
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<p>All Other Applicants Applying for Admission Consideration into the Nursing Program (Day or Evening Option) (Ammerman and Michael J. Grant Campuses)*</p>	<ul style="list-style-type: none"> <li>• ATI TEAS exam performance.</li> <li>• Performance in any General Education / Liberal Arts and Sciences courses that are a part of the nursing curriculum.</li> <li>• The admissions rubric used to evaluate student performance can be found at <a href="http://www.sunysuffolk.edu/Nursing">www.sunysuffolk.edu/Nursing</a>.</li> <li>• Points awarded for any of these courses completed with C grade or higher. Grades lower than C will not be considered.</li> <li>• The more courses completed from the General Education / Liberal Arts and Sciences courses in the Nursing Program and the higher the grades in these courses, the greater the chance of admission.</li> <li>• Admission to the Nursing Program is not guaranteed to any applicant, regardless of courses completed or grades received.</li> </ul>
<p>Licensed Practical Nurses (LPNs) Applying for Admission into the LPN-RN Program (Ammerman and Michael J. Grant Campuses)</p>	<ul style="list-style-type: none"> <li>• Meet “All Other Applicants” requirements.</li> <li>• All LPN-RN Program applicants must submit a copy of their active New York State LPN registration certificate to the Admissions Office by the application deadline specified.</li> </ul>
<p>*All other applicants: Please see “How to Apply” at <a href="http://www.sunysuffolk.edu/Nursing">www.sunysuffolk.edu/Nursing</a>. Internal transfers are high school graduates without college credits or previously or currently enrolled students in SCCC. External transfers are previously or currently enrolled students in another college.</p>	

PLEASE NOTE: Prerequisites of high school chemistry and Integrated Algebra or its equivalent are required for registration to take BIO130. Those without high school chemistry and Integrated Algebra or its equivalent will need to complete MAT006 or MAT007 and then CHE100 prior to registration of BIO130. General Education / Liberal Arts and Sciences courses may be retaken only once to achieve a higher grade and the second grade will be used toward degree completion. BIO130 and BIO132 must be completed within 10 years to be considered for internal / external transfer to meet requirements for degree completion.

<i>Program</i>	<i>Start Date</i>	<i>Application Deadline*</i>
Current High School Students and Applicants Previously or Currently Enrolled in College Applying for Admission into the Nursing Program (Day Option) (Ammerman and Michael J. Grant Campus)	Fall Semester	January 15
Licensed Practical Nurses (LPNs) Applying for Admission into the Day LPN-RN Program (Ammerman Campus)	Spring Semester	August 15
Licensed Practical Nurses (LPNs) Applying for Admission into the Day LPN-RN Program (Michael J. Grant Campus)	Fall Semester	January 15
Applicants Previously or Currently Enrolled in College Applying for Admission into the Nursing Program (Evening Option) (Ammerman Campus)	Fall Semester	January 15

Program	Start Date	Application Deadline*
Applicants Previously or Currently Enrolled in College Applying for Admission into the Nursing Program (Evening Option) (Michael J. Grant Campus)	Spring Semester	August 15
Application includes all documentation required, including but not limited to transcripts, ATI TEAS score, CLEP scores and current New York State LPN registration, if applicable.		

General notes about the Nursing program:

- Nursing (NUR) clinical courses require that students travel for clinical experiences throughout Suffolk County.
- The maximum time to complete the program requirements upon enrollment is 4 years for the day program option and LPN-RN program option, and 5 years for the evening program option.
- All nursing students must maintain a minimum grade of C in each nursing and general education/ liberal arts & sciences course, as well as satisfactorily pass the skills lab and clinical components of the nursing courses regardless of lecture exam average. Failure to achieve these measures will prevent the nursing student from continuing to the next sequential nursing course.
- 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 of D+, D, F, or a W in NUR101 or NUR124 will be dismissed from the program and may reapply for admission. Students who reapply are not guaranteed a seat and must meet all admission requirements.
- Students who receive grades of D+, D, F, or a W in any other NUR course except NUR101 or NUR124 may apply for reinstatement to repeat the course. Nursing students requesting reinstatement due to interruption of the specified progression through the program of study, for any reason, are not guaranteed a seat in the course requested. Reinstatement is dependent on clinical space availability and a review of the student's academic eligibility. Students can be reinstated into a NUR course only 1 time. Reinstatement must occur within 1 year from the last clinical course or the student must reapply to the program as a new student. Reinstatement forms and rubric used to determine academic eligibility are available on the School of Nursing website at [www.sunysuffolk.edu/Nursing](http://www.sunysuffolk.edu/Nursing).
- A total of 2 unsuccessful attempts resulting in a grade of D+, D, F, or a W in any NUR course will result in dismissal from the nursing program and the student may reapply for admission after a 4-year period.
- Students who fail the clinical portion of a nursing (NUR) course will receive an F for the course grade regardless of the time during the semester this failure occurs.
- Refer to the School of Nursing website [www.sunysuffolk.edu/Nursing](http://www.sunysuffolk.edu/Nursing) to view additional information regarding the program. The student policy manual and handbook located on the School of Nursing webpage contains information and policies including, but not limited to, academic progression, additional expenses for nursing students beyond textbooks, tuition and fees, attendance (lecture, lab, and clinical), background check, CPR certification, classroom decorum, complaints and grievances, determination of safe clinical practice, dosage calculation competency, electronic communication, health requirements, safety and technical standards, methods of grading, examinations and student evaluation, student record file, and professional behavior.

\* *Determination of "good moral character" is a requirement for registered 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 be determined eligible to 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.*

Students accepted into the Nursing Program prior to Spring 2017 follow A.A.S. Requirements.

## DAY PROGRAM OPTION, A.A.S.

### FIRST SEMESTER: 18 credits *Credits*

- BIO130: Anatomy and Physiology I . . . . . 4
- ♦ NUR101: Fundamentals of Nursing . . . . . 7
- ♦ NUR116: Nursing Success . . . . . 1
- ♦ NUR123: Health Assessment . . . . . 3
- PSY101: Introduction to Psychology . . . . . 3

### SECOND SEMESTER: 19 credits

- BIO132: Anatomy and Physiology II. . . . . 4
- ENG101: Standard Freshman Composition. . 3
- ♦ NUR133: Adult Physical Health Nursing I . . 5
- ♦ NUR136: Adult Mental Health Nursing. . . . 4
- SOC101: Introduction to Sociology . . . . . 3

### THIRD SEMESTER: 19 credits

- BIO244: General Microbiology. . . . . 4
- English Elective . . . . . 3
- ♦ NUR246: Child Health Nursing . . . . . 4
- ♦ NUR248: Maternal/Child Health Nursing . . 4
- PSY210: Lifespan Development. . . . . 3
- Physical Education. . . . . 1

### FOURTH SEMESTER: 15-16 credits

- Humanities Elective. . . . . 3
- ♦ NUR240: Adult Physical Health Nursing II. . 8
- ♦ NUR275: Nursing Past Present and Future . . 1
- Physical Education. . . . . 1
- Unrestricted Elective
- or NUR103: Dosage Calculations
- for Nurses . . . . . 2-3

**TOTAL CREDITS REQUIRED: 71-72**

## EVENING PROGRAM OPTION, A.A.S.

### FIRST SEMESTER: 18 credits *Credits*

- BIO130: Anatomy and Physiology I . . . . . 4
- PSY101: Introduction to Psychology . . . . . 3
- ♦ NUR101: Fundamentals of Nursing . . . . . 7
- ♦ NUR116: Nursing Success . . . . . 1
- SOC101: Introduction to Sociology . . . . . 3

### SECOND SEMESTER: 15 credits

- BIO132: Anatomy and Physiology II. . . . . 4
- ENG101: Standard Freshman Composition. . 3
- ♦ NUR123: Health Assessment . . . . . 3
- ♦ NUR133: Adult Physical Health Nursing I . . 5

### THIRD SEMESTER: 10 credits

- English Elective . . . . . 3
- PSY210: Lifespan Development. . . . . 3
- ♦ NUR136: Adult Mental Health Nursing . . . . 4

### FOURTH SEMESTER: 8 credits

- BIO244: General Microbiology. . . . . 4
- ♦ NUR248: Maternal/Child Health Nursing . . 4

### FIFTH SEMESTER: 7-8 credits

- Unrestricted Elective
- or NUR103: Dosage Calculations
- for Nurses . . . . . 2-3
- ♦ NUR246: Child Health Nursing. . . . . 4
- ♦ NUR275: Nursing Past Present and Future . . 1

### SIXTH SEMESTER: 11 credits

- Humanities Elective. . . . . 3
- ♦ NUR240: Adult Physical
- Health Nursing II. . . . . 8

**TOTAL CREDITS REQUIRED: 69-70**

## LPN-RN PROGRAM OPTION, A.A.S.

### FIRST SEMESTER: 16 credits *Credits*

- BIO130: Anatomy and Physiology I . . . . . 4
- ENG101: Standard Freshman Composition. . 3
- \*♦ NUR130: PN to RN Transition . . . . . 3
- PSY101: Introduction to Psychology . . . . . 3
- SOC101: Introduction to Sociology . . . . . 3

### SECOND SEMESTER: 15.5 credits

- BIO132: Anatomy and Physiology II. . . . . 4
- BIO244: General Microbiology. . . . . 4
- ♦ NUR123: Health Assessment . . . . . 3
- ♦ NUR124: LPN to RN
- Advanced Placement . . . . . 4.5

### THIRD SEMESTER: 14 credits

- English Elective . . . . . 3
- ♦ NUR246: Child Health Nursing. . . . . 4
- ♦ NUR248: Maternal/Child
- Health Nursing . . . . . 4
- PSY210: Lifespan Development. . . . . 3

### FOURTH SEMESTER: 13-14 credits

- Unrestricted Elective
- or NUR103: Dosage Calculations
- for Nurses . . . . . 2-3
- Humanities Elective. . . . . 3
- ♦ NUR240: Adult Physical
- Health Nursing II. . . . . 8

**TOTAL CREDITS REQUIRED: 72**

- \* Upon successful completion of the first semester, the LPN-RN student is awarded 13.5 Advanced Nursing Credits/Prior Learning Credits towards degree completion.
- ♦ These courses constitute the major courses in this curriculum.

*Lecture, laboratory and clinical hours are included in the course descriptions starting on page 257.*

### REQUIRED CREDIT DISTRIBUTION

- Nursing. . . . . 37 credits
- English . . . . . 6 credits
- Humanities. . . . . 3 credits
- Biology . . . . . 12 credits
- Social Sciences . . . . . 9 credits
- Unrestricted Elective. . . . . 3 credits
- Physical Education . . . . . 2 credits

Students accepted into the Nursing Program starting Spring 2017 follow A.S. Requirements.

## DAY PROGRAM OPTION, A.S.

### FIRST SEMESTER: 18.5 credits Credits

- BIO130: Anatomy and Physiology I . . . . . 4
- ENG101: Standard Freshman Composition . . . 3
- ♦ NUR101: Fundamentals of Nursing . . . . . 7.5
- ♦ NUR116: Nursing Success. . . . . 1
- PSY101: Introduction to Psychology . . . . . 3

### SECOND SEMESTER: 15.5 credits

- BIO132: Anatomy and Physiology II. . . . . 4
- ENG102: Introduction to Literature . . . . . 3
- ♦ NUR133: Adult Physical Health Nursing I . . . 5
- ♦ NUR136: Adult Mental Health Nursing . . . 3.5

### THIRD SEMESTER: 17 credits

- BIO244: General Microbiology. . . . . 4
- \*\* HIS103: Foundations of American History  
or HIS104: Modern American History . . . . 3
- ♦ NUR246: Child Health Nursing. . . . . 3.5
- ♦ NUR248: Maternal/Child  
Health Nursing . . . . . 3.5
- MAT103: Statistics I . . . . . 3

### FOURTH SEMESTER: 14 credits

- HIS101: Western Civilization I  
or HIS102: Western Civilization II  
or IND101: Civilization: The Human  
Experience I  
or IND102: Civilization: The Human  
Experience II . . . . . 3
- ♦ NUR240: Adult Physical Health Nursing II. . 8
- \*\*\* PHL211: Biomedical Ethics . . . . . 3

**TOTAL CREDITS REQUIRED: 65**

## EVENING PROGRAM OPTION, A.S.

### FIRST SEMESTER: 18.5 credits Credits

- BIO130: Anatomy and Physiology I . . . . . 4
- ENG101: Standard Freshman Composition . . . 3
- ♦ NUR101: Fundamentals of Nursing . . . . . 7.5
- ♦ NUR116: Nursing Success. . . . . 1
- PSY101: Introduction to Psychology . . . . . 3

### SECOND SEMESTER: 12 credits

- BIO132: Anatomy and Physiology II. . . . . 4
- ENG102: Introduction to Literature . . . . . 3
- ♦ NUR133: Adult Physical Health Nursing I . . . 5

### THIRD SEMESTER: 6.5 credits

- \*\* HIS103: Foundations of American History  
or HIS104: Modern American History . . . . 3
- ♦ NUR136: Adult Mental Health Nursing . . . 3.5

### FOURTH SEMESTER: 7.5 credits

- BIO244: General Microbiology. . . . . 4
- ♦ NUR248: Maternal/Child Health  
Nursing . . . . . 3.5

### FIFTH SEMESTER: 6.5 credits

- ♦ NUR246: Child Health Nursing. . . . . 3.5
- MAT103: Statistics I . . . . . 3

### SIXTH SEMESTER: 14 credits

- HIS101: Western Civilization I  
or HIS102: Western Civilization II  
or IND101: Civilization: The Human  
Experience I  
or IND102: Civilization: The Human  
Experience II . . . . . 3
- ♦ NUR240: Adult Physical Health Nursing II. . 8
- \*\*\* PHL211: Biomedical Ethics . . . . . 3

**TOTAL CREDITS REQUIRED: 65**

## LPN-RN PROGRAM OPTION, A.S.

### FIRST SEMESTER: 13 credits Credits

- BIO130: Anatomy and Physiology I . . . . . 4
- ENG101: Standard Freshman Composition . . . 3
- PSY101: Introduction to Psychology . . . . . 3
- MAT103: Statistics I . . . . . 3

### SECOND SEMESTER: 14.5 credits

- BIO132: Anatomy and Physiology II. . . . . 4
- ENG102: Introduction to Literature . . . . . 3
- \*♦ NUR124: LPN to RN  
Advanced Placement . . . . . 7.5

### THIRD SEMESTER: 14 credits

- BIO244: General Microbiology. . . . . 4
- \*\* HIS103: Foundations of American History  
or HIS104: Modern American History . . . . 3
- ♦ NUR246: Child Health Nursing. . . . . 3.5
- ♦ NUR248: Maternal/Child Health Nursing. 3.5

### FOURTH SEMESTER: 14 credits

- HIS101: Western Civilization I  
or HIS102: Western Civilization II  
or IND101: Civilization: The Human  
Experience I  
or IND102: Civilization: The Human  
Experience II . . . . . 3
- ♦ NUR240: Adult Physical Health Nursing II. . 8
- \*\*\* PHL211: Biomedical Ethics . . . . . 3

**TOTAL CREDITS REQUIRED: 64\***

\* Upon completion, awarded additional 8.5 nursing credits for advanced placement as LPN.

\*\* Can be fulfilled by SUNY-GER American History.

\*\*\* Can be fulfilled by SUNY-GER Humanities.

♦ These courses constitute the major courses in this curriculum.

*Lecture, laboratory and clinical hours are included in the course descriptions starting on page 257.*

### REQUIRED CREDIT DISTRIBUTION

- Nursing . . . . . 31 credits
- English . . . . . 6 credits
- Biology . . . . . 12 credits
- Social Sciences . . . . . 9 credits
- Humanities. . . . . 3 credits
- Mathematics. . . . . 3 credits
- Other . . . . . 1 credit



## PRACTICAL NURSING / CERTIFICATE

### Eastern / NUPN-CERT

Hegis Code - 5209.20, CIP Code - 51.3901

The Practical Nursing certificate program is designed to prepare students for entry into practice as well as provide opportunities for students seeking admission into RN programs. Through an appropriate choice of general education courses, students may prepare for the Associate in Applied Science (A.A.S.) or Associate in Science (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).\*

The Practical Nursing certificate program is registered by the New York State Education Department and accredited by the New York State Board of Regents and the Accreditation Commission for Education in Nursing (ACEN), 3343 Peachtree Road NE, Suite 850, Atlanta, GA 30326; phone 404-975-5000, fax 404-975-5020; website at [www.acenursing.org](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 Office of Admissions. 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.

MINIMUM REQUIREMENTS FOR CONSIDERATION FOR ADMISSION	
Current High School Students Applying for Admission Consideration into the Practical Nurse Certificate Day Program (Eastern Campus)	<ul style="list-style-type: none"><li>• Completion of High School Biology Class.</li><li>• Completion of High School Chemistry Class with Lab.</li><li>• Completion of two (2) units of High School Math Classes.</li><li>• Computerized Placement Test (CPT) scores at college-level in mathematics, reading and English.</li><li>• High School Diploma or High School Equivalency.</li></ul>
Applicants Previously or Currently Enrolled in College Applying for Admission Consideration into the Practical Nurse Certificate Day Program (Eastern Campus)	<ul style="list-style-type: none"><li>• Performance in any Liberal Arts and Sciences courses that are part of the Practical Nursing curriculum with a grade of C or better.</li><li>• BIO130 and BIO132 may be substituted for BIO105.</li><li>• Points awarded for any of these courses that were completed by the application deadline.</li><li>• The more points you have and the higher your grades in these courses, the greater your chance of admission.</li></ul>

PLEASE NOTE: BIO105 or BIO130 and BIO132 must be completed within 10 years to be considered for internal/external transfer to meet requirements for degree completion. Integrated Algebra or its equivalent are required for registration to take BIO105. Prerequisites of high school chemistry and Integrated Algebra or its equivalent are required for registration to take BIO130. Those without high school chemistry and Integrated Algebra or its equivalent will need to complete MAT006 or MAT007 and then CHE100 prior to registration of BIO130. Liberal Arts and Sciences courses may be retaken only once to achieve a higher grade and the second grade will be used toward degree completion.

## PROGRAM START DATES AND APPLICATION DEADLINES

<i>Program</i>	<i>Start Date</i>	<i>Application Deadline*</i>
Current High School Students Applying to the Practical Nurse Certificate Day Program (Eastern Campus)	Spring Semester	August 15
Applicants Previously or Currently Enrolled in College Applying for Admission into the Practical Nurse Day Certificate Program (Eastern Campus)	Summer Semester	January 15
Application includes, but is not limited to, transcripts and CLEP scores.		

General notes about the nursing program:

- Nursing (PNU) clinical courses require that students travel for clinical experiences throughout Suffolk County.
- The maximum time to complete the program requirements for this option upon enrollment is three (3) years.
- Students who receive grade D+, D, or W in any practical nursing course (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 for the course grade regardless of the time during the semester this failure occurs.

• Refer to the School of Nursing website [www.sunysuffolk.edu/Nursing](http://www.sunysuffolk.edu/Nursing) to view additional information regarding the program. The student policy manual and handbook located on the School of Nursing webpage contains information and policies including, but not limited to, academic progression, additional expenses for nursing students beyond textbooks, tuition and fees, attendance (lecture, lab, and clinical), background check, CPR certification, classroom decorum, complaints and grievances, determination of safe clinical practice, dosage calculation competency, electronic communication, health requirements, safety and technical standards, methods of grading, examinations and student evaluation, student record file, and professional behavior.

\* 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 be determined eligible to 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

*Credits*

BIO105: Survey of the Human Body . . . . .	4
ENG101: Standard Freshman Composition . . .	3
PSY101: Introduction to Psychology . . . . .	3

### SUMMER SESSION: 5 credits

- ♦ PNU116: Foundations for Success in Practical Nursing . . . . . 3
- ♦ PNU119: Pharmacology Safety and Dosage Calculations . . . . . 2

### SECOND SEMESTER: 11 credits

- \*♦ PNU120: Fundamentals of Nursing for Practical Nurses . . . . . 8
- \*♦ PNU128: Nursing Care of Adult Clients I . . . . . 3

### THIRD SEMESTER: 11 credits

- \*♦ PNU133: Nursing Care of Adult Clients II . . . . . 8
- \*♦ PNU135: Nursing Care of Maternal-Child Clients . . . . . 3

### TOTAL CREDITS REQUIRED: 37

- \* Clinical teaching.
- ♦ These courses constitute the major courses in the curriculum.

*Lecture, laboratory and clinical hours are included in the course descriptions starting on page 272.*

### REQUIRED CREDIT DISTRIBUTION

Nursing . . . . .	27 credits
English . . . . .	3 credits
Biology . . . . .	4 credits
Social Sciences . . . . .	3 credits

*Program requirements are subject to change. See “Curricula Descriptions and Requirements” on page 91.*

## OCCUPATIONAL THERAPY ASSISTANT / A.A.S. DEGREE

### Grant / OCTA-AAS

Hegis Code - 5210, CIP Code - 51.0803

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 note 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.

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.

#### *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.

All students applying to be considered for acceptance to the Occupational Therapy Assistant Program are required to provide documentation of completing a minimum of 25 volunteer hours in a clinical environment where licensed occupational therapy services are rendered.

In addition to college health requirements, all occupational therapy students, full-time 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 the FALL only. The program is competitive. Applications for admission must be received by January 15. Contact the Grant Campus Admissions Office for more information.

**FIRST SEMESTER: 17 credits** *Credits*

BIO130: Anatomy and Physiology I . . . . .	4
ENG101: Standard Freshman Composition . . .	3
PSY101: Introduction to Psychology . . . . .	3
♦ OTA100: Seminar for OTA Students . . . . .	1
♦ OTA101: Introduction to Occupational Therapy and Lifespan Occupations . . . . .	3
♦ OTA102: Clinical Conditions and Terminology . . . . .	3

**SECOND SEMESTER: 17 credits**

BIO132: Anatomy and Physiology II . . . . .	4
PSY210: Lifespan Development . . . . .	3
♦ OTA118: Occupational Therapy in Pediatric Practice . . . . .	4
♦ OTA121: Occupational Therapy in Adult Practice . . . . .	3
♦ OTA200: Kinesiology for the OTA Student . .	3

**THIRD SEMESTER: 18 credits**

COM101: Introduction to Human Communication . . . . .	3
ENG121: Technical Writing . . . . .	3
MAT103: Statistics I . . . . .	3
♦ OTA201: Occupational Therapy in Older Adult Practice . . . . .	4
♦ OTA202: The Management Role of the Occupational Therapy Assistant . . . . .	2
♦ OTA203: Occupational Therapy Treatment Planning and Documentation . . . . .	3

**FOURTH SEMESTER: 12 credits**

♦ OTA211: Clinical Practice I . . . . .	6
♦ OTA212: Clinical Practice II . . . . .	6

**TOTAL CREDITS REQUIRED: 64**

- ♦ These courses constitute the major courses in this curriculum.

**REQUIRED CREDIT DISTRIBUTION**

Occupational Therapy Assistant . . . . .	38 credits
English . . . . .	6 credits
Humanities . . . . .	3 credits
Social Sciences . . . . .	6 credits
Science and Mathematics . . . . .	11 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, CIP Code - 22.0302

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 program is designed neither for attorneys nor law office administrators. The Suffolk County Community College Paralegal Studies A.A.S. and Certificate Programs are offered for paralegal education. Paralegals may not provide legal services directly to the public, except as permitted by 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. Exceptions to admission requirements must be approved by the Academic Chair of the program.

### **FIRST SEMESTER: 16 credits**

*Credits*

- ACC101: Financial Accounting I . . . . . 3
- BUS101: Introduction to Business . . . . . 3
- BUS115: College/Workplace Skills Seminar . . 1
- ENG101: Standard Freshman Composition . . 3
- ♦ LAW101: Introduction to Law . . . . . 3
- COM101: Introduction to Human Communication. . . . . 3

### **SECOND SEMESTER: 17 credits**

- ENG201: Advanced Expository Writing . . . . 3
- ♦ LAW103: Introduction to Paralegal Studies . . 3
- ♦ LAW111: Business Law I . . . . . 3
- ♦ LAW244: Partnership and Corporation Law . . . . . 3
- POL103: State and Local Politics and Government . . . . . 3
- Physical Education Electives . . . . . 2

### **THIRD SEMESTER: 15 credits**

- MAT103: Statistics I or MAT108: Mathematics and the Law . . . 3
- ♦ LAW202: Civil Litigation . . . . . 3
- ♦ LAW212: Business Law II . . . . . 3
- ♦ LAW240: Legal Research. . . . . 3
- \* ♦ Area Elective . . . . . 3

### **FOURTH SEMESTER: 16 credits**

- Laboratory Science Elective . . . . . 4
- ♦ LAW215: Law of Property . . . . . 3
- ♦ LAW246: Estates, Trusts and Wills . . . . . 3
- \* ♦ Area Elective . . . . . 3
- Social Sciences Elective . . . . . 3

### **TOTAL CREDITS REQUIRED: 64**

- \* 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**

- Law . . . . . 27 credits
- Business and Accounting . . . . . 7 credits
- English . . . . . 6 credits
- Humanities . . . . . 3 credits
- Laboratory Science . . . . . 4 credits
- Mathematics . . . . . 3 credits
- Restricted Electives . . . . . 6 credits
- Social Sciences . . . . . 6 credits
- Physical Education . . . . . 2 credits

## PARALEGAL STUDIES / CERTIFICATE

### Ammerman - Grant / PALG-CERT Hegis Code - 5099, CIP Code - 22.0302

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. The Suffolk County Community College Paralegal Studies A.A.S. and Certificate Programs are offered for paralegal education. Paralegals may not provide legal services directly to the public, except as permitted by 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.

<b>FIRST SEMESTER: 18 credits</b>	<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
<b>SECOND SEMESTER: 15 credits</b>	
*♦ 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
<b>TOTAL CREDITS REQUIRED: 33</b>	

- \* 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.

<b>REQUIRED CREDIT DISTRIBUTION</b>	
Law . . . . .	27-33 credits
Criminal Justice . . . . .	0-6 credits
Accounting . . . . .	0-3 credits



## PHOTOGRAPHIC IMAGING / A.A.S. DEGREE

Eastern - Grant / PHOT-AAS

Hegis Code - 5007, CIP Code - 10.0201

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 DSLR camera. Throughout the program students will be required to purchase supplies such as memory cards, storage drives, 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
English . . . . .	.6 credits
Mathematics/Science . . . . .	7-8 credits
Social Sciences . . . . .	.6 credits
Physical Education . . . . .	.2 credits

## PHYSICAL THERAPIST ASSISTANT / A.A.S. DEGREE

Ammerman / PHTA-AAS

Hegis Code - 5219, CIP Code - 51.0806

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](http://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 January 15. The PTA program is competitive and meeting minimum requirements does not assure acceptance into the program.

*Program requirements are subject to change. See "Curricula Descriptions and Requirements" on page 91.*

MINIMUM REQUIREMENTS FOR ADMISSION CONSIDERATION	
<i>Direct from high school</i>	<i>Continuing Student</i>
<ul style="list-style-type: none"> <li>• High school diploma</li> <li>• 85 academic average unweighted</li> <li>• 85 in Regents biology and Regents chemistry (exam and course average) or equivalent</li> <li>• 85 in Regents Algebra (exam and course average) or equivalent and completed the high school mathematics sequence through Algebra2/Trig (or equivalent)</li> <li>• ACT score of 21 Reading and 22 Math or SAT score of 500 in Critical Reading and 510 in Math</li> </ul>	<ul style="list-style-type: none"> <li>• C+ or higher BIO130*</li> <li>• Minimum GPA 2.5 in BIO130, ENG101, PSY101, and COM (102 or 107)</li> </ul> <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 credits** *Credit*

- \* BIO130: Anatomy and Physiology I . . . . . 4
- COL101: College Seminar . . . . . 1
- \* COM102: Interpersonal Communication or COM107: Small Group Communication. . . . . 3
- \* ENG101: Standard Freshman Composition. . 3
- PED130: Lifetime Fitness . . . . . 1
- \* PSY101: Introduction to Psychology. . . . . 3

**SECOND SEMESTER: 14 credits**

- \*\* BIO132: Anatomy and Physiology II . . . . . 4
- \*\* PSY210: Lifespan Development. . . . . 3
- ♦ PTA101: Normal Movement and Development . . . . . 3
- ♦ PTA103: Interventions I. . . . . 1
- ♦ PTA105: Introduction to Physical Therapy . . 2
- ♦ PTA107: Interventions II . . . . . 1

**THIRD SEMESTER: 17 credits**

- \*\* BIO246: Anatomy and Physiology of Human Movement . . . . . 4
- MAT103: Statistics I . . . . . 3
- ♦ PTA150: Clinical Practicum I . . . . . 1
- ♦ PTA151: Kinesiology . . . . . 4
- ♦ PTA153: Acute Care Physical Therapy . . . . 2
- ♦ PTA155: Interventions III . . . . . 3

**FOURTH SEMESTER: 12 credits**

- \*\*\* Physical Education. . . . . 1
- ♦† PTA200: Clinical Practicum II (10 Clinical Hours). . . . . 3
- ♦ PTA221: Musculoskeletal Physical Therapy . . . . . 3
- ♦ PTA223: Neuromuscular Physical Therapy . . . . . 3
- ♦ PTA225: Cardiovascular/ Pulmonary/Integumentary PT . . . . . 1
- ♦ PTA227: Interventions IV . . . . . 1

**FIFTH SEMESTER: 12 credits**

- † English Elective . . . . . 3
- ♦† PTA250: Clinical Practicum III (30 Clinical Hours). . . . . 8
- ♦ PTA251: Data Collection . . . . . 1

**TOTAL CREDITS REQUIRED: 70**

*All technical (PTA) courses must be taken in the semester scheduled.*

- \* Prerequisite 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**

- Physical Therapist Assistant . . . . . 37 credits
- English . . . . . .6 credits
- Humanities . . . . . .3 credits
- Science and Mathematics . . . . . 15 credits
- Social Sciences . . . . . .6 credits
- Physical Education . . . . . .2 credits
- College Seminar . . . . . 1 credit

# RADIO AND TELEVISION PRODUCTION / A.A.S. DEGREE

## Ammerman / RATV-AAS

### Hegis Code - 5008, CIP Code - 10.0202

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.

<b>FIRST SEMESTER: 17 credits</b>	<i>Credits</i>
♦ CIN117: Digital Filmmaking I . . . . .	3
COL101: College Seminar . . . . .	1
ENG101: Standard Freshman Composition . . . . .	3
*♦ RTV101: Introduction to Broadcasting . . . . .	3
**♦ RTV111: Radio Production . . . . .	3
Physical Education . . . . .	1
Unrestricted Elective . . . . .	3

<b>SECOND SEMESTER: 16-17 credits</b>	
COM101: Introduction to Human Communication . . . . .	3
or COM105: Public Speaking . . . . .	3
ENG207: Mass Media . . . . .	3
***♦ or RTV102: Issues in Broadcasting . . . . .	3
♦ RTV121: Television Production I . . . . .	3
Science or Mathematics Elective . . . . .	3-4
Physical Education . . . . .	1
ART/MUS/THR Elective . . . . .	3

<b>THIRD SEMESTER: 16-17 credits</b>	
♦ RTV122: Television Production II . . . . .	3
♦ RTV125: Broadcast Copy and Script Writing . . . . .	3
+♦ RTV203: Electronic Field Production . . . . .	4
Science or Mathematics Elective . . . . .	3-4
Social Sciences Elective . . . . .	3

<b>FOURTH SEMESTER: 15-16 credits</b>	
English Elective . . . . .	3
♦ RTV201: Electronic Media Management . . . . .	3
‡♦ RTV204: Video Editing . . . . .	3
or RTV250: Internship in Video and Sound . . . . .	3
or RTV112: Advanced Radio Production . . . . .	3-4
Social Sciences Elective . . . . .	3
Unrestricted Elective . . . . .	3

<b>TOTAL CREDITS REQUIRED: 64-67</b>	
* 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.	
** Must be taken in student's first semester to complete the subsequent RTV courses.	
*** Requires prior completion of RTV101.	
† RTV203 may be taken at any time from the second semester on.	
‡ 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.	

<b>REQUIRED CREDIT DISTRIBUTION</b>	
Radio and Television Production . . . . .	25-29 credits
English . . . . .	.6 credits
Humanities . . . . .	.9 credits
Mathematics/Science . . . . .	6-8 credits
Social Sciences . . . . .	.6 credits
Unrestricted Electives . . . . .	.9 credits
College Seminar . . . . .	1 credit
Physical Education . . . . .	.2 credits

# THEATRE ARTS / A.S. DEGREE

## Ammerman / THAC-AS, THGT-AS, THTT-AS Hegis Code - 5610, CIP Code - 50.0101

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. Students must meet Theatre Arts "General Good Standing Criterion" as listed in Theatre Handbook [[department.sunysuffolk.edu/deptdocs/theatrearts\\_a\\_docs/scctheathandbk3\\_11.pdf](http://department.sunysuffolk.edu/deptdocs/theatrearts_a_docs/scctheathandbk3_11.pdf)].

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.**

Auditions are required for admittance into the Acting Option. Contact the Theatre Department at 631-451-4164 for details.

### Acting Option (THAC-AS)

#### FIRST SEMESTER: 15 credits Credits

- COM101: Introduction to Human Communication  
or COM111: Voice and Diction. . . . . 3
- ENG101: Standard Freshman Composition. . . 3
- ♦ THR100: College Seminar for Theatre. . . . . 1
- ♦ 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

- ENG102: Introduction to Literature . . . . . 3
- \* History Elective . . . . . 3
- ♦ THR117: Basic Theatre Practice: Costume  
Crafts or THR115: Basic Theatre Practice:  
Stagecraft. . . . . 3
- ♦ THR153: Production Laboratory II . . . . . 2
- ♦ THR205: Acting II. . . . . 3
- ♦ THR207: The Actor's Instrument. . . . . 3
- \*\* Physical Education. . . . . 1

#### 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: 13 credits

- Laboratory Science Elective . . . . . 4
- Social Sciences Elective . . . . . 3
- ♦ THR155: Production Laboratory IV . . . . . 2
- ♦ THR211: Classical Theatre . . . . . 3
- ‡ Theatre Portfolio Review . . . . . 0
- \*\* Physical Education. . . . . 1

**TOTAL CREDITS REQUIRED: 61.5-62.5**

### General Theatre Option (THGT-AS)

#### FIRST SEMESTER: 15 credits Credits

- COM101: Introduction to Human Communication  
or COM111: Voice and Diction. . . . . 3
- ENG101: Standard Freshman Composition. . . . . 3
- ♦ THR100: College Seminar for Theatre. . . . . 1
- ♦ THR105: Acting 1 . . . . . 3
- ♦ THR115: Basic Theatre Practice:  
Stagecraft. . . . . 3
- ♦ THR152: Production Laboratory I. . . . . 2

#### SECOND SEMESTER: 18 credits

- ENG102: Introduction to Literature . . . . . 3
- \* History Elective . . . . . 3
- † Humanities Elective. . . . . 3
- ♦ THR116: Basic Theatre Practice:  
Lighting Crafts. . . . . 3
- ♦ THR153: Production Laboratory II . . . . . 2
- ♦ THR205: Acting II. . . . . 3
- Physical Education. . . . . 1

#### THIRD SEMESTER: 14-15 credits

- Communications Elective. . . . . 3
- Mathematics Elective. . . . . 3-4
- Social Sciences Elective . . . . . 3
- ♦ THR117: Basic Theatre Practice:  
Costume Crafts . . . . . 3
- ♦ THR154: Production Laboratory III. . . . . 2

#### FOURTH SEMESTER: 16 credits

- † Humanities Elective. . . . . 3
- Laboratory Science. . . . . 4
- Social Sciences Elective . . . . . 3
- ♦ THR155: Production Laboratory IV . . . . . 2
- ♦ THR211: Classical Theatre . . . . . 3
- Physical Education . . . . . 1

**TOTAL CREDITS REQUIRED: 63-64**

## Technical Theatre Option (THTT-AS)

### FIRST SEMESTER: 15 credits Credits

- COM101: Introduction to Human Communication or COM111: Voice and Diction. . . . . 3  
 ENG101: Standard Freshman Composition. . . 3  
 ♦ THR100: College Seminar for Theatre. . . . . 1  
 ♦ THR105: Acting I . . . . . 3  
 ♦ THR115: Basic Theatre Practice: Stagecraft . . . 3  
 ♦ THR152: Production Laboratory I. . . . . 2

### SECOND SEMESTER: 18 credits

- ENG102: Introduction to Literature . . . . . 3  
 \* History Elective . . . . . 3  
 † Humanities Elective. . . . . 3  
 ♦ THR116: Basic Theatre Practice: Lighting Crafts . . . . . 3  
 ♦ THR118: Basic Theatre Practice: Design and Drafting . . . . . 3  
 ♦ THR153: Production Laboratory II . . . . . 2  
 Physical Education. . . . . 1

### THIRD SEMESTER: 13.5-14.5 credits

- Mathematics Elective. . . . . 3-4  
 Social Sciences Elective . . . . . 3  
 ♦ THR117: Basic Theatre Practice: Costume Crafts . . . . . 3  
 ♦ THR154: Production Laboratory III. . . . . 2  
 ♦ THR244: Theatre Portfolio Preparation . . . 1.5  
 Physical Education. . . . . 1

### 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: 61.5-62.5**

\* 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.

\*\*\* Although THR151 will fulfill this requirement, students planning to transfer to a baccalaureate program are strongly advised to select a foreign language course.

† 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 General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

### REQUIRED CREDIT DISTRIBUTION

Theatre . . . . .	27-31.5 credits
English . . . . .	.6 credits
Humanities. . . . .	6-12 credits
Mathematics/Science . . . . .	7-8 credits
Social Sciences . . . . .	.9 credits
College Seminar. . . . .	1 credit
Physical Education . . . . .	.2 credits



## VETERINARY SCIENCE TECHNOLOGY / A.A.S. DEGREE

### Grant / VETSD-AAS

Hegis Code - 5402, CIP Code - 01.9999

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 requires 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*

<b>Minimum requirements to be considered for admission into the VST Program:</b>	
High School Applicants	<ul style="list-style-type: none"> <li>• High school math and science (biology and chemistry with laboratories) average of 75.</li> <li>• Minimum grade of 70% on both Biology and Chemistry Regents.</li> <li>• Mathematics sequence through Algebra2/Trig or equivalent successfully completed.</li> <li>• Applicants requiring placement testing must place out of all remedial courses.</li> <li>• All requirements for admission should be completed within five years.</li> </ul>
College Applicants	<ul style="list-style-type: none"> <li>• Minimum grade of C in each of the prerequisite courses (CHE100, BIO101 and MAT007)</li> <li>• Applicants requiring placement testing must place out of all remedial courses.</li> <li>• All requirements for admission should be completed within ten years.</li> </ul>
Deadline for Applications	January 15, 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. 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 must have a minimum cumulative 2.0 GPA average in VST courses. Only one repeat of a VST course is permitted. For optimal student performance, students will take courses in the sequences indicated below.

**FIRST SEMESTER: 17 credits** *Credits*

- CHE120: Introduction to General, Organic and Biochemistry . . . . . 4
- ENG101: Standard Freshman Composition . . 3
- MAT111: Algebra II or higher . . . . . 4
- ♦ VST100: College Seminar for Veterinary Science Technology . . . . . 1
- \*♦ VST101: Introduction to Animal Technology. 2
- ♦ VST102: Comparative Anatomy of Domesticated Animals . . . . . 3

**SECOND SEMESTER: 15 credits**

- 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: 16 credits**

- Humanities Elective . . . . . 3
- 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: 64**

- \* Students are required to provide their own transportation to off-campus field experiences.
- ♦ These courses constitute the major courses in this curriculum.

**REQUIRED CREDIT DISTRIBUTION**

- Veterinary Science Technology . . . . . 41 credits
- English . . . . . 6 credits
- Humanities . . . . . 3 credits
- Mathematics . . . . . 4 credits
- Science . . . . . 4 credits
- Social Sciences . . . . . 6 credits

## VISUAL ARTS / A.S. DEGREE

### Ammerman - Grant / VART-AS Hegis Code - 5610, CIP Code - 50.0101

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** Credits

- ♦ ART105: Visual Arts College Seminar . . . . .1.5
- ♦ ART111: Art History I . . . . . 3
- ♦ ART130: 2D Design . . . . . 3
- ♦ ART133: Drawing I . . . . . 3
- ENG101: Standard Freshman Composition . . 3
- Mathematics Elective . . . . . 3-4

#### **SECOND SEMESTER: 18 credits**

- ♦ ART112: Art History II . . . . . 3
- ♦ ART134: Drawing II . . . . . 3
- ♦ ART210: 3D Design . . . . . 3
- ENG102: Introduction to Literature . . . . . 3
- \* History Elective . . . . . 3
- \*\*♦ Visual Arts Elective . . . . . 3

#### **THIRD SEMESTER: 15 credits**

- ♦ ART135: Life Drawing I . . . . . 3
- ♦ ART289: Portfolio Development and Assessment . . . . . 1
- Laboratory Science Elective . . . . . 4
- Physical Education . . . . . 1
- \*\*\* Social Sciences Elective . . . . . 3
- \*\*♦ Visual Arts Elective . . . . . 3

#### **FOURTH SEMESTER: 13 credits**

- \*\*\* Humanities Elective . . . . . 3
- Physical Education . . . . . 1
- †♦ Portfolio Review . . . . . 0
- \*\*\* Social Sciences Elective . . . . . 3
- \*\*♦ Visual Arts Elective (2 courses) . . . . . 6

#### **TOTAL CREDITS REQUIRED: 62.5-63.5**

\* 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. Not all of these areas of specialization are available at all campuses.

\*\*\* Recommended elective courses:

*Humanities:* HUM114, 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.

† 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 General Education Requirements on page 89 for selecting courses.* 2) *See Transfer Agreements on page 28 for articulation agreements with four-year colleges and universities.*

#### **REQUIRED CREDIT DISTRIBUTION:**

Visual Arts . . . . .	35.5 credits
English . . . . .	.6 credits
Humanities . . . . .	.3 credits
Laboratory Science . . . . .	.4 credits
Mathematics . . . . .	3-4 credits
Social Sciences . . . . .	.9 credits
Physical Education . . . . .	.2 credits



## Alumnus Profile

### Richard S. Menjivar – Class of 2011

#### *Occupation:*

Assistant Nurse Manager, Northwell Health at Huntington Hospital

#### *Why I Chose Suffolk:*

“When I was young, my family migrated to New York to escape the brutal civil war in El Salvador. I came to a new country, learned the culture and language, and graduated from Brentwood High School, earning a Regents diploma. I studied Spanish Language and Business Administration at Stony Brook University, graduating in 2004, and went on to graduate from the Suffolk County Police Academy in 2007. I also served in the U.S. Army as a Combat Medic. After serving in the Army and learning about the medical field, I realized that you have to do what you enjoy – what you find rewarding. My start at Suffolk was amazing because it offered small classes and individualized attention from my professors. The counselors also laid out a path for me that made it easy to succeed. I credit Suffolk with my start in nursing.”



#### *Academic and Career Highlights:*

After graduating from Suffolk in 2011, Mr. Menjivar went on to earn a Bachelor of Science degree in Nursing with summa cum laude designation from Stony Brook University in 2013. He has been a featured speaker at Suffolk County Community College’s School of Nursing’s 5th Annual Leadership Conference; was an invited speaker at York College, where he spoke regarding Veteran post 9/11 reintegration; and was the keynote speaker at Suffolk County Community College’s 50th Anniversary Nurse Pinning Ceremony in May 2015.

Mr. Menjivar is a member of Sigma Theta Tau, the International Honor Society of Nursing. He has also received the Professionalism Award from the Nassau County Police Chief’s Association and the Jean A. Bellia Nursing Leadership Scholarship.

He was previously the Clinical Director of International Programs for Hope for a Healthier Humanity and is currently a student enrolled in Stony Brook University’s Master’s Degree Program in Nursing Education, anticipating graduation in fall 2016. He will also be completing an Advanced Practice Degree in the Psychiatry/Mental Health Nurse Practitioner Program, anticipating graduation in 2017.





# 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 can be offered on or by the Ammerman (A), Eastern (E) and Michael J. Grant (G) campuses, respectively.

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. As course offerings are subject to change, please consult the class schedule available online, for a complete listing of all courses to be offered in a particular fall, wintersession, spring or summer term for each campus.

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, counselor, or academic dean. *The College reserves the right to prohibit a student from attending a class when it feels the course prerequisite(s) have not been met.*

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 and Sciences electives” include most courses in any subject area under the humanities, social sciences, science or mathematics areas, and several computer science courses.

## eLEARNING

### What is eLearning?

The College’s eLearning programs give students a wide variety of options to complete coursework in and out of the classroom. Broadly, the term eLearning simply means the use of any electronic materials to assist in teaching and learning. This can be for the use of electronic texts to fully online classes where all coursework is done online. The purpose of eLearning is to help students learn by using the technologies that are available in daily life.

### The goal of eLearning at Suffolk County Community College

The goal of all eLearning resources and programs at SCCC is to provide each student with the very best learning tools available in a way that best fits the student’s lifestyle. The College recognizes that every student is an individual and that it needs to provide many different learning experiences that will give each student the same end results. Ultimately, no matter which type of learning is chosen, the student will end up meeting the same learning outcomes as those learning in a different style.

### Types of eLearning at Suffolk County Community College

The college has defined four types of instruction or “modalities” for learning. Within these four styles there is some variation from class to class based on the materials presented; however, the general definitions provided below give an accurate picture of what to expect from the class and the professor.

- **Traditional Courses:** These are classes that are held in a traditional classroom with a professor lecturing and leading discussions, lab exercises, etc. The re-

quired text may be available as an eText that can be used on mobile and other computing devices. The professor may have additional learning materials posted on Suffolk Online – our learning management system, available on web browsers and mobile devices. Students may use Suffolk Online to turn in homework assignments.

- **Online Courses (also known as Fully Online or Asynchronous Courses):** These classes differ significantly from traditional courses in that there are no scheduled class meetings. All course materials are posted on Suffolk Online and students use their own computers or mobile devices to study and complete all coursework. The professor may be available for virtual office hours, however, the majority of communication with the professor will be via assignments, grading feedback, announcements, or email.
- **Blended (Hybrid) Courses:** These are classes that mix elements of both traditional and online courses. A good example would be a class where all studying, homework, exams, etc., are done online but students attend class on campus to complete hands-on exercises in a nursing, science, mechanical, culinary, or computer lab. This allows more freedom in one’s studies but still gives the student and the professor the opportunity to work together in person to learn and demonstrate technical skills.
- **Online Live Classes (formerly called Distance Learning Classroom or Synchronous Courses):** These classes are presently held in specially designed classrooms where students see each other and the instructor on large high-definition monitors. They operate as traditional courses where everyone attends at the same time and see and interact with each other. However, students and professors may not be at the same location.

## 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 appropriate Associate Dean

of Academic Affairs 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
Business Management	.BUS
Business: Law	.LAW
Business: Marketing	.MKT
Business: Retailing	.RET
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
Toyota T-TEN	.TYT

## Humanities Area\*

Chinese	.CHI
Cinema Studies	.CIN
Communications	.COM
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
Chemistry	.CHE
Earth and Space Science	.ESC
Environmental Science	.ENV
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

\*Most courses in these areas can be used to fulfill Liberal Arts and Sciences electives.

## SUNY GENERAL EDUCATION REQUIREMENTS (SUNY-GER)

Below are the Suffolk County Community College courses that fulfill the SUNY General Education requirements as listed on pages 89-90.

<i>SUNY General Education Area</i>	<i>Approved SCCC Courses</i>
Mathematics	MAT101, MAT102, MAT103, MAT111, MAT116, MAT121, MAT124, MAT125, MAT126, MAT131, MAT141, MAT142, MAT200, MAT203, MAT204, MAT205, MAT206
Natural Sciences	AST101, AST102, AST103; BIO101, BIO103, BIO105, BIO109, BIO111, BIO121, BIO130, BIO132, BIO138, BIO150, BIO152, BIO210, BIO244, BIO246, BIO262, BIO270, BIO272; CHE100, CHE120, CHE122, CHE133, CHE134, CHE200, CHE250, CHE251; ENV101; ESC101, ESC102; MAR105, MAR111, MAR121; MET101, MET102; PHY101, PHY102, PHY112, PHY130, PHY132, PHY230, PHY232, PHY245, PHY246
Social Sciences	ANT101, ANT103, ANT105, ANT203; ECO101, ECO111, ECO112; GEO101, GEO102, GEO103; HIS101, HIS102, HIS103, HIS104, HIS107, HIS110, HIS201; HSC111; HUS101; POL101, POL103, POL105, POL107, POL109, POL111; PSY101, PSY105, PSY205, PSY212; SOC101, SOC122, SOC201, SOC224
American History	For all Students: HIS103, HIS104; POL105 For Students Scoring above 85 on NYS American History Regents: HIS105, HIS106; POL109
Western Civilization	HIS101, HIS102, HIS107, HIS110, HIS201; IND101, IND102
Other World Civilizations	ANT101, ANT105, ANT203, ANT205, ANT211; COM202; ENG212; GEO101, GEO102, GEO103; HIS107, HIS110, HIS118, HIS119, HIS120; PHL111; POL107, POL111; SPN175, SPN176
Humanities	ART101, ART111, ART112, ART113; CIN111, CIN112, CIN114, CIN156; COM105, COM121, COM131, COM133, COM204; ENG102, ENG141, ENG142, ENG143, ENG144, ENG202, ENG205, ENG206, ENG209, ENG210, ENG211, ENG212, ENG213, ENG214, ENG215, ENG216, ENG218, ENG219, ENG220, ENG221, ENG226; HUM120, HUM218; IND101, IND102, IND123; MUS101, MUS206, MUS210; PHL101, PHL104, PHL105, PHL107, PHL111, PHL112, PHL113, PHL201, PHL202, PHL211, PHL212, PHL213, PHL214, PHL215, PHL293; SPN175, SPN176, SPN222, SPN224, SPN225, SPN226; THR211, THR212
The Arts	ART101, ART111, ART112, ART113, ART114, ART124, ART130, ART133, ART135, ART140, ART141, ART161, ART171, ART181, ART202, ART209, ART210; CIN114, CIN156; ENG202; GRD207; INT101; MUS101, MUS103, MUS105, MUS117, MUS120, MUS122, MUS123, MUS131, MUS132, MUS133, MUS134, MUS135, MUS206, MUS210; THR101, THR105, THR120, THR131, THR211, THR212
Foreign Language	CHI101, CHI102; FRE101, FRE102, FRE201, FRE202; GER101, GER102, GER201, GER202; ITL101, ITL102, ITL113, ITL201, ITL202, ITL220; JPN101, JPN102, JPN201, JPN202; LAT101, LAT102; SPN101, SPN102, SPN113, SPN201, SPN202, SPN220, SPN223, SPN224
Basic Communication	COM101, COM102, COM105; ENG101

## COURSE DESCRIPTIONS

### ACCOUNTING

#### ACC101: FINANCIAL ACCOUNTING I

Computer lab-enhanced instruction examines nature and purposes of financial accounting theory, procedures and reporting for economic entities including financial statements and valuation. This course develops foundation knowledge for additional learning in subsequent courses. (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

#### ACC102: FINANCIAL 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. *Offered on: A-E-G / 4 cr. hrs.*

#### ACC115: 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. *Offered on: A-E-G / 3 cr. hrs.*

#### ACC116: 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, corporate income and franchise taxes. Also covers the one-write system, bank reconciliations and physical inventory procedures. Prerequisite: ACC101. *Offered on: A-E-G / 3 cr. hrs.*

#### ACC126: 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. *Offered on: A-E-G / 3 cr. hrs.*

#### ACC137: 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. *Offered on: A-E-G / 4 cr. hrs.*

#### ACC145: PRINCIPLES OF 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. Prerequisite: ACC101. *Offered on: E / 3 cr. hrs.*

#### ACC201: 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. *Offered on: A-E-G / 4 cr. hrs.*

#### ACC202: 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. *Offered on: A-E-G / 4 cr. hrs.*

#### ACC210: 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. *Offered on: A-E-G / 4 cr. hrs.*

#### ACC212: 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. *Offered on: A-E-G / 4 cr. hrs.*

#### ACC214: 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. *Offered on: A-E-G / 3 cr. hrs.*



**ACC218: 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. Offered on: A-E-G / 3 cr. hrs.

**AMERICAN SIGN LANGUAGE****ASL101: 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. No prerequisite. Offered on: A / 3 cr. hrs.

**ASL103: 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. Offered on: A / 3 cr. hrs.

**ASL105: 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. Prerequisite: ASL101. Offered on: A / 3 cr. hrs.

**ASL201: 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. Offered on: A / 4 cr. hrs.

**ASL203: 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. Offered on: A / 2 cr. hrs.

**ASL210: 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. Offered on: A / 3 cr. hrs.

**ASL220: 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. Offered on: A / 4 cr. hrs.

**ANTHROPOLOGY****ANT101: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences and Other World Civilizations. Prerequisite: RDG099 or ESL012 or equivalent. Offered on: A-E-G / 3 cr. hrs.

**ANT103: 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? Note: Fulfills SUNY General Education Requirement for Social Sciences. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

**ANT105: INTRODUCTION TO ARCHAEOLOGY**

Explores basic concepts and methods of archaeological research, including nature of the archaeological record and how archaeologists generate and analyze data. Excavation, analysis and interpretation of material remains from well-known Old World and New World prehistoric and historic sites are examined. Cultural variation and culture change are major themes. Emphasizes application of these concepts to our own culture. Note: Fulfills SUNY General Education Requirement for Social Sciences and Other World Civilizations. No prerequisite. Offered on: A / 3 cr. hrs.

## Anthropology – Art

### ANT203: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences and Other World Civilizations. Prerequisite: ANT101. *Offered on: G / 3 cr. hrs.*

### ANT205: 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. Note: Fulfills SUNY General Education Requirement for Other World Civilizations. Prerequisite: ANT101. *Offered on: A / 3 cr. hrs.*

### ANT211: 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. Note: Fulfills SUNY General Education Requirement for Other World Civilizations. No prerequisite. *Offered on: E-G / 3 cr. hrs.*

### ANT295: SPECIAL TOPICS: ANTHROPOLOGY

Special and current topics in Anthropology may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

### ANT296: SPECIAL TOPICS HONORS: ANTHROPOLOGY

Honors special topics in Anthropology may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

## ART

### ART101: 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. Note: Fulfills SUNY General Education Requirement for Humanities and The Arts. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

### ART105: VISUAL ARTS COLLEGE SEMINAR

Methods and skills students can adopt to promote their success in the Visual Art 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 art will be discussed throughout the semester. Note: Fulfills College Seminar requirements for students in Visual Arts A.S. degree. *(offered fall semester only)* No prerequisite. *Offered on: A-G / 1.5 cr. hrs.*

### ART111: ART HISTORY I

Introductory survey of principal movements and trends in painting, sculpture and architecture from pre-historic to Renaissance. Note: Fulfills SUNY General Education Requirement for Humanities and The Arts. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

### ART112: 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.) Note: Fulfills SUNY General Education Requirement for Humanities and The Arts. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

### ART113: MODERN ART

Study of history of painting, sculpture and architecture from 1850 to the present. Emphasizes primarily art of the 20th century. Lectures supplemented with slides, film and museum and gallery trips. Note: Fulfills SUNY General Education Requirement for Humanities and The Arts. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

### ART114: 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. Note: Fulfills SUNY General Education Requirement for The Arts. No prerequisite. *Offered on: E-G / 3 cr. hrs.*

### ART115: 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, prepress and printing. No prerequisite. *Offered on: E / 3 cr. hrs.*

**ART116: 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. (2 hrs. lecture, 2 hrs. studio) No prerequisite. *Offered on: E / 3 cr. hrs.*

**ART120: COLOR THEORY**

Introduction to the principles of color and an exploration of color theory as it relates to traditional and digital design and media. The course investigates hue, saturation, value, and examines how color relates to surroundings. Color temperature and psychology will be explored. (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: ART130. *Offered on: E / 3 cr. hrs.*

**ART121: 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) No prerequisite. *Offered on: A-E / 3 cr. hrs.*

**ART122: 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) No prerequisite. *Offered on: A-E / 3 cr. hrs.*

**ART123: 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 hrs. studio) No prerequisite. *Offered on: G / 3 cr. hrs.*

**ART125: 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. *(Offered fall semester only)* (5 hrs. studio) Prerequisite: ART130. *Offered on: E / 3 cr. hrs.*

**ART126: INTRODUCTION TO COMPUTER ART**

Explores computer as a 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) Recommended prerequisite or corequisite: ART130. *Offered on: E-G / 3 cr. hrs.*

**ART127: 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) Prerequisite: ART126. *Offered on: G / 3 cr. hrs.*

**ART128: 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. *Offered on: A / 3 cr. hrs.*

**ART130: 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. Note: Fulfills SUNY General Education Requirement for The Arts. (1 hr. lecture, 4 hrs. studio) No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**ART133: 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. Note: Fulfills SUNY General Education Requirement for The Arts. (1 hr. lecture, 4 hrs. studio) No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

## Art

### **ART134: DRAWING II**

More detailed investigation of concepts explored in ART133: Drawing I. Investigation of various wet and dry drawing media. (1 hr. lecture, 4 hrs. studio) Prerequisite: ART133. Offered on: A-E-G / 3 cr. hrs.

### **ART135: 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. Note: Fulfills SUNY General Education Requirement for The Arts. (1 hr. lecture, 4 hrs. studio) Prerequisite: ART133. Offered on: A-E-G / 3 cr. hrs.

### **ART136: 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 hrs. studio) Prerequisite: ART135. Offered on: A-E-G / 3 cr. hrs.

### **ART140: 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, printing and 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. Note: Fulfills SUNY General Education Requirement for The Arts. (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. Offered on: G / 3 cr. hrs.

### **ART141: BLACK AND WHITE PHOTOGRAPHY AND DARKROOM 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 enlargement printing. Students must provide their own fully adjustable 35mm camera with manual f-stops and shutter speeds, film, paper and some other supplies. Note: Fulfills SUNY General Education Requirement for The Arts. (2 hrs. lecture, 2 hrs. studio) No prerequisite. Offered on: G / 3 cr. hrs.

### **ART144: 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 College Seminar requirement for students in Photographic Imaging curriculum. (offered fall semester only) No prerequisite. Offered on: E-G / 1.5 cr. hrs.

### **ART145: 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, 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 will be explored. Note: Students are required to have a fully-adjustable DSLR camera, tripod, memory cards, portable hard drive, photo quality inkjet paper, and some other supplies. (2 hrs. lecture, 3 hrs. laboratory) No prerequisite. Offered on: E-G / 3 cr. hrs.

### **ART146: DIGITAL PHOTOGRAPHY II**

Builds on the fundamental photography and image processing skills introduced in ART145: 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. Note: Students are required to have a fully-adjustable DSLR camera, tripod, memory cards, portable hard drive, photo quality inkjet paper, and some other supplies. (offered spring semester only) (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: ART145. Corequisite: ART149. Offered on: E-G / 3 cr. hrs.

### **ART147: 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, scanner and printer technologies. (offered fall semester only) No prerequisite. Offered on: E-G / 3 cr. hrs.



**ART149: 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 portable flash, and the 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. Note: Students are required to have a fully-adjustable DSLR camera, tripod, memory cards, portable hard drive, photo quality inkjet paper, and some other supplies. (*Offered spring semester only*) (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: ART145. Corequisite: ART146. *Offered on: E-G / 3 cr. hrs.*

**ART161: 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. Note: Fulfills SUNY General Education Requirement for The Arts. (1 hr. lecture, 4 hrs. studio) No prerequisite. *Offered on: A-G / 3 cr. hrs.*

**ART162-ART164: 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 hr. lecture, 4 hrs. studio) Prerequisite: ART161. *Offered on: A / 3 cr. hrs.*

**ART165: 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) No prerequisite. *Offered on: A-G / 3 cr. hrs.*

**ART171: 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. Note: Fulfills SUNY General Education Requirement for The Arts. (1 hr. lecture, 4 hrs. studio) No prerequisite. *Offered on: A-G / 3 cr. hrs.*

**ART172-ART174: 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) Prerequisite: ART171. *Offered on: A-G / 3 cr. hrs.*

**ART181: PRINTMAKING I**

Basic printmaking techniques in a variety of graphic media. Introduction to intaglio processes such as etching, aquatint, dry point and wood cut. Note: Fulfills SUNY General Education Requirement for The Arts. (1 hr. lecture, 4 hrs. studio) No prerequisite. *Offered on: A / 3 cr. hrs.*

**ART182: 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. *Offered on: A / 3 cr. hrs.*

**ART202: PAINTING I**

Introduction to painting techniques in oil and other media. Explores perception of light, shadow and color and the rendering of these elements. Note: Fulfills SUNY General Education Requirement for The Arts. (1 hr. lecture, 4 hrs. studio) Prerequisite: ART133 or permission of Chair/Academic Dean. *Offered on: A-E-G / 3 cr. hrs.*

**ART203-ART205: 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. *Offered on: A-E-G / 3 cr. hrs.*

**ART209: WATERCOLOR**

Instruction in various techniques of watercolor painting, with reference to European and American traditions. Notes: (1) It is recommended that students take ART133 prior to enrolling in ART209. (2) Fulfills SUNY General Education Requirement for The Arts. (*offered fall semester only*) (1 hr. lecture, 4 hrs. studio) No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**ART210: 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. Note: Fulfills SUNY General Education Requirement for The Arts. (1 hr. lecture, 4 hrs. studio) No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**ART214: ALTERNATIVE PHOTOGRAPHIC PROCESSES**

Focuses on historical and nontraditional processes such as pinhole photography, handcoloring, cyanotype, van dyke brown printing, toning, Polaroid transfer, positive/negative printing, ortho film and liquid light. Students must supply their own film, paper and some other supplies. (2 hrs. lecture, 3 hrs. studio) Prerequisite: ART141 or ART146 or permission of Chair/Academic Dean. *Offered on: G / 3 cr. hrs.*

## Art

### **ART221: 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. Emphasizes character animation involving looping, character interacting, timing, color, and sound. (*offered fall semester only*) (6 hrs. studio) Prerequisite: ART115, ART120 and ART133. *Offered on: E / 3 cr. hrs.*

### **ART222: 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. (*offered spring semester only*) (6 hrs. studio) Prerequisite: ART221 or permission of Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*

### **ART223: 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. (*offered spring semester only*) (5 hrs. studio) Prerequisite: ART125 or permission of Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*

### **ART229: 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. *Offered on: E / 1 cr. hr.*

### **ART244: 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. (*offered fall semester only*) (2 hrs. lecture, 2 hrs. studio) Prerequisite: ART130 and either ART116, ART122, ART126 or ART145. *Offered on: E-G / 3 cr. hrs.*

### **ART245: DIGITAL PHOTOGRAPHY III**

This course builds on the photographic techniques introduced in ART 146: Digital Photography II and ART149: Photographic Lighting with the emphasis on studio portraiture, people illustration, and an introduction to still life. 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 these 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, including RAW format processing, file formats, image compressions, advanced digital workflow management, retouching methods for portraiture, and color workflow / advanced printing techniques used for portraiture / people photography. Note: Students are required to have a fully-adjustable DSLR camera, tripod, memory cards, portable hard drive, photo quality inkjet paper, and some other supplies. (*offered fall semester only*) (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: ART146 and ART149. *Offered on: E-G / 3 cr. hrs.*

### **ART246: DIGITAL PHOTOGRAPHY IV**

This course builds on skills acquired in ART245: Digital Photography III 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 investigated and demonstrated, including lighting techniques, perspective, camera angle, surface propping, set rigging, multiple exposure, and other esoteric techniques. In-depth exploration of digital view camera techniques is explored including focal plane, shape, and depth of field control. Advanced image processing techniques will be addressed including digital workflow management, distortion and perspective correction and control, retouching techniques, advanced image compositing and stitching techniques. Assignments will relate to typical problems that are part of a working studio's daily life, and they will investigate the overlapping relationships of fine art, editorial and commercial still-life photography. Note: Students are required to have a fully-adjustable DSLR camera, tripod, memory cards, portable hard drive, photo quality inkjet paper, and some other supplies. (*offered spring semester only*) (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: ART245. *Offered on: E-G / 3 cr. hrs.*



**ART247: PROFESSIONAL PRACTICES FOR PHOTOGRAPHERS**

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. (*offered spring semester only*) Prerequisite: ART244 and ART245. *Offered on: E-G / 3 cr. hrs.*

**ART251: 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 the tangible and emotional on-location environments. Lighting and camera techniques, as well as the selection and directions of models, will be demonstrated. Course assignments will explore wedding, fashion, advertising, editorial, and corporate portraiture. Note: Students are required to have a fully-adjustable DSLR camera, tripod, memory cards, portable hard drive, photo quality inkjet paper, and some other supplies. (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: ART146 and ART149. *Offered on E-G / 3 cr. hrs.*

**ART252: PHOTOJOURNALISM/EDITORIAL PHOTOGRAPHY**

This introductory course in photojournalism and editorial photography 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. Aspects of journalism such as story ideas, research, and picture editing will be addressed. Students will be required to write captions and essays for all photojournalism assignments and will be required to place their images into pre-designed layouts for editorial assignments. Legal and ethical issues of photojournalism will be explored, along with visual on-location problem solving skills. Note: Students are required to have a fully-adjustable DSLR camera, tripod, memory cards, portable hard drive, photo quality inkjet paper, and some other supplies. (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: ART146 and ART149. *Offered on: E-G / 3 cr. hrs.*

**ART255: 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, RC and fiber-base paper, archival processing methods, variable contrast control, multiple filter printing, dodging, burning, toning, dust spotting, and dry mounting/window matting of prints. Note: Students must provide their own 35mm film camera with adjustable f-stops and shutter speeds, film, paper and some other supplies. (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: ART141 or ART146. *Offered on G / 3 cr. hrs.*

**ART257: SPECIAL PROJECTS IN DIGITAL PHOTOGRAPHY**

The student will work on an individual photographic project as arranged by student and instructor. (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: ART146 and ART149. *Offered on: E-G / 3 cr. hrs.*

**ART259: 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. laboratory) Prerequisite: ART146 and ART149. *Offered on: E-G / 3 cr. hrs.*

**ART289: 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. (2 hrs. studio) Prerequisite: Enrollment in Visual Arts curriculum and ART134 or permission of Chair / Academic Dean. *Offered on: A-E-G / 1 cr. hr.*

**ART295: SPECIAL TOPICS: COMPUTER ART /VISUAL ARTS**

Special and current topics in Art may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**ART296: SPECIAL TOPICS HONORS: COMPUTER ART/VISUAL ARTS**

Honors special topics in Art may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

## Art – Astronomy

### **ART299: 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 Chair / Academic Dean. *Offered on: E-G / 1 cr. hr.*

## **ASTRONOMY**

### **AST101: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. *Offered on: A-E-G / 4 cr. hrs.*

### **AST102: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. *Offered on: A-E-G / 4 cr. hrs.*

### **AST103: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. *Offered on: A-E / 4 cr. hrs.*

### **AST201: OBSERVATIONAL ASTRONOMY**

One-semester course devoted to systematic observations of the sun, moon, transits, eclipses, occultations and meteor showers. Various telescopes 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. (*offered fall semester only*) (2 hrs. lecture, 1 hr. recitation, 2 hrs. laboratory) Prerequisite: AST101 or AST102. *Offered on: A-E-G / 4 cr. hrs.*

### **AST202: 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. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. *Offered on: A / 4 cr. hrs.*

### **AST295: SPECIAL TOPICS: ASTRONOMY**

Special and current topics in Astronomy may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

### **AST296: SPECIAL TOPICS HONORS: ASTRONOMY**

Honors special topics in Astronomy may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

## AUTOMOTIVE SERVICE SPECIALIST

### AUT112: 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 the major automotive systems. (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A / 3 cr. hrs.*

### AUT114: STARTING AND CHARGING SYSTEMS

Electrical and mechanical components of starting and charging systems used on vehicles. Theory, operation, diagnosis and repair procedures covered. *(offered fall semester only)* (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A / 3 cr. hrs.*

### AUT115: 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. (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A / 3 cr. hrs.*

### AUT118: 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. *(offered spring semester only)* (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A / 3 cr. hrs.*

### AUT120: 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 automotive industry. Each student must complete the total number of required hours over the four practicum units based on manufacturer requirements. *(offered fall semester only)* No prerequisite. *Offered on: A / 1 cr. hr.*

### AUT222: AUTOMOTIVE HEATING AND AIR CONDITIONING

Theory and operation of auto heating, air conditioning and ventilation systems. Training focuses on diagnosing and repairing systems and control equipment. *(offered spring semester only)* (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: AUT115. *Offered on: A / 3 cr. hrs.*

### AUT224: AUTOMOTIVE 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 is stressed. *(offered spring semester only)* (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: AUT115. *Offered on: A / 3 cr. hrs.*

### AUT226: FUEL INJECTION AND ENGINE EMISSIONS 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. *(offered fall semester only)* (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: AUT115 and AUT118. *Offered on: A / 3 cr. hrs.*

### AUT230: 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 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 must be legally employed in the automotive industry. Each student must complete total number of required hours over four practicum units based on manufacturer requirements. *(offered spring semester only)* No prerequisite. *Offered on: A / 1 cr. hr.*

### AUT232: BRAKES, ALIGNMENT, STEERING AND SUSPENSION SYSTEMS

Theory, diagnosis and repair procedures of ABS brake systems, computerized alignments, suspension theory, and steering system diagnosis on current vehicles. Instruction includes brake hydraulics, electronic control and suspension and steering parts replacement. *(offered fall semester only)* (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: AUT115. *Offered on: A / 3 cr. hrs.*

## Automotive Service Specialist – Biology

### **AUT234: ENGINE THEORY AND OVERHAUL**

Begins with principles of internal combustion engine. Components and functions of gasoline engines 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. (*offered fall semester only*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisites: AUT115 and AUT118. *Offered on: A / 3 cr. hrs.*

### **AUT236: 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 timesaving steps. Students conduct time study as part of course. (*offered fall semester only*) Prerequisite: AUT230. *Offered on: A / 3 cr. hrs.*

### **AUT238: 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. (*offered spring semester only*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: AUT118. *Offered on: A / 3 cr. hrs.*

### **AUT240: PRACTICUM III**

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 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 must be legally employed in the automotive industry. Each student must complete total number of required hours over four practicum units based on manufacturer requirements. (*offered fall semester only*) No prerequisite. *Offered on: A / 1 cr. hr.*

### **AUT242: 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. (*offered spring semester only*) (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A / 3 cr. hrs.*

### **AUT246: AUTO 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. (*offered spring semester only*) No prerequisite. *Offered on: A / 3 cr. hrs.*

### **AUT250: 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 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 must be legally employed in the automotive industry. Each student must complete total number of required hours over four practicum units based on manufacturer requirements. (*offered spring semester only*) No prerequisite. *Offered on: A / 1 cr. hr.*

## **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 "Environmental Science" or "Marine Science" for related courses.*

### **BIO101: 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. Notes: (1) Course specifically designed for non-science majors. (2) Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. *Offered on: A-E-G / 4 cr. hrs.*



**BIO103: 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. Notes: (1) Course specifically designed for non-science majors. (2) Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: MAT007 or equivalent. Offered on: A-E-G / 4 cr. hrs.

**BIO105: SURVEY OF THE HUMAN BODY**

Survey of biological chemistry, cell structure and function, tissues and organ systems of the human body, and genetics. Notes: (1) Course specifically designed for non-science majors. (2) Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. Offered on: E / 4 cr. hrs.

**BIO109: 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. (offered spring semester and sometimes summer semester only) Notes: (1) Course specifically designed for non-science majors. (2) Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: MAT007 or equivalent. Offered on: A / 4 cr. hrs.

**BIO111: 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. Notes: (1) Course specifically designed for non-science majors. (2) Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: MAT007 or equivalent. Offered on: A-E / 4 cr. hrs.

**BIO121: INSECT BIOLOGY**

This course introduces the science of entomology in a survey of the taxonomy, morphology, ecology, evolution and behavior of insects (Class Hexapoda). In addition to general insect biology, the course covers insect-plant and insect-human interactions (e.g. pollination, medical entomology). Through field and laboratory work, students will practice insect collection, identification and preservation techniques, and apply these skills in the preparation of a formal insect collection as a term project. Notes: (1) Course specifically designed for non-science majors. (2) Fulfills SUNY General Education Requirement for Natural Sciences. (offered fall semester only) (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. Offered on: E / 4 cr. hrs.

**BIO130: 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 course of a two-semester sequence. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: MAT007 and high school chemistry or CHE100 or equivalent. Recommended: high school biology, BIO101 or BIO105. Offered on: A-E-G / 4 cr. hrs.

**BIO132: 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 course of a two-semester sequence. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: BIO130 grade of C or better. Offered on: A-E-G / 4 cr. hrs.

**BIO138: 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. (offered in the spring semester only) Notes: (1) Restricted to students in Health Information Technology. (2) Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007. Offered on: G / 4 cr. hrs.

## Biology

### BIO150: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: High School chemistry or CHE100 or equivalent, and MAT007. Offered on: A-E-G / 4 cr. hrs.

### BIO152: MODERN BIOLOGY II

This course is an introduction to the structure, development and the physiological processes of plants and animals. All levels of biological organization from the cellular to the organism are assessed. It includes the comparative study of major organismal systems including nutrition, transport and gas exchange systems, regulation of the internal environment, the nervous system, and reproduction. Special attention is placed on the phylogenetic origins and ecological placement of different taxonomic groups as their anatomy and physiologies are discussed. Designed for science majors. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: BIO150 with a C or better. Offered on: A-E-G / 4 cr. hrs.

### BIO210: 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. Intermediate course for which there is a prerequisite. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (offered fall semester only) (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: BIO101 or BIO150 or MAR105 or ENV128. Offered on: A-E / 4 cr. hrs.

### BIO244: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 4 hrs. laboratory) Prerequisite: BIO132 or VST102 and VST112. Offered on: A-E-G / 4 cr. hrs.

### BIO245: 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. (offered fall semester only) (3 hrs. lecture, 2 hrs. laboratory) Prerequisites: BIO130 and BIO132. Offered on: A / 4 cr. hrs.

### BIO246: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (offered fall semester only) (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: BIO130 and BIO132. Offered on: A / 4 cr. hrs.

### BIO254: COLLEGE BIOLOGY III: ORGANISMS AND ECOSYSTEMS

This course is an introductory study of the basic processes leading to the biodiversity of life from the organismal to ecosystem level of organization. An in-depth study of natural selection and evolution will serve as the context for the study of the biodiversity of major groups of living organisms and their phylogenetic relationships. The course will also cover central themes in ecology from population and community structure to geochemical cycling in the biosphere. Designed for science majors. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: BIO150 with a C or better. Offered on: A-E-G / 4 cr. hrs.

### BIO255: FORENSIC BIOLOGY

This course focuses on the biological aspects of forensic investigation and analyses of biological evidence from various crime scenes. Particular emphasis will be given to DNA analyses, fingerprinting, 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 non-science and science majors and includes field trips to the Suffolk County Forensics Laboratory. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: BIO101 for non-science majors; BIO130 or BIO150 for science majors. Offered on: A / 4 cr. hrs.

### BIO262: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: BIO132 or BIO150. Offered on: A / 4 cr. hrs.



**BIO270: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (*offered spring semester only*) (2 hrs. lecture, 4 hrs. laboratory) Prerequisite: BIO152 or BIO132. *Offered on: A / 4 cr. hrs.*

**BIO272: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 4 hrs. laboratory) Prerequisite: BIO152 or permission of Chair/Academic Dean. *Offered on: A-E-G / 4 cr. hrs.*

**BIO295: SPECIAL TOPICS: BIOLOGY**

Special and current topics in Biology may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**BIO296: SPECIAL TOPICS HONORS: BIOLOGY**

Honors special topics in Biology may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**BUSINESS ADMINISTRATION****Business: Law****LAW101: 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. *Offered on: A-E-G / 3 cr. hrs.*

**LAW103: 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. *Offered on: A-G / 3 cr. hrs.*

**LAW105: 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. (*offered fall semester only*) No prerequisite. *Offered on: A-G / 3 cr. hrs.*

**LAW111: 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. *Offered on: A-E-G / 3 cr. hrs.*

**LAW202: 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 permission of Chair/Academic Dean. *Offered on: A-G / 3 cr. hrs.*

**LAW212: 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. *Offered on: A-E-G / 3 cr. hrs.*

**LAW213: 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 Chair/Academic Dean. *Offered on: A-G / 3 cr. hrs.*

**LAW215: 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 permission of Chair/Academic Dean. *Offered on: A-G / 3 cr. hrs.*

## Business Administration: Law – Business Administration: Management

### LAW240: 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. Note: Enrollment open only to students in Paralegal curriculum. Prerequisite: LAW101 and LAW103 or permission of Chair/Academic Dean. Offered on: A-G / 3 cr. hrs.

### LAW241: 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. Enrollment open only to students in Paralegal curriculum. (offered fall semester only) Prerequisite: LAW101 and LAW103 or permission of Chair/Academic Dean. Offered on: A-G / 3 cr. hrs.

### LAW244: 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 permission of Chair/Academic Dean. Offered on: A-G / 3 cr. hrs.

### LAW246: 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's court, detailed analysis of administration of estates and review of estate and inheritance taxes applicable to such estates. Prerequisite: LAW101 and LAW103 or permission of Chair/Academic Dean. Offered on: A-G / 3 cr. hrs.

### LAW251: 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. (offered summer semester only) Prerequisites: LAW101 and LAW103 or permission of Chair/Academic Dean. Offered on: A / 3 cr. hrs.

### LAW295: SPECIAL TOPICS: BUSINESS: LAW

Special and current topics in Business Law may be available. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

## Business: Management

### BUS101: 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. Offered on: A-E-G / 3 cr. hrs.

### BUS102: MONEY AND FINANCE

Basic coverage of money and credit creation, financial markets and financial decision-making. No prerequisite. Offered on: E-G / 3 cr. hrs.

### BUS107: BUSINESS MATHEMATICS

Use of mathematics in various business applications. All problem solving is accomplished through arithmetic methods. 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. Offered on: A-E-G / 3 cr. hrs.

### BUS109: 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. Offered on: A-E-G / 3 cr. hrs.

### BUS112: 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 a one-page business website. Note: Credit given for BUS112 or CST101, but not both. No prerequisite. Offered on: A-E-G / 4 cr. hrs.

### BUS115: 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 College Seminar requirement for students in accounting, business-related and paralegal curricula. No prerequisite. Offered on: A-E-G / 1 cr. hr.

**BUS117: 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 is explored. Prerequisite: ENG101 or permission of Chair/Academic Dean. Offered on: A-E-G / 3 cr. hrs.

**BUS121: 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. Offered on: A-E-G / 3 cr. hrs.

**BUS123: 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. Offered on: A-E-G / 3 cr. hrs.

**BUS127: 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. Offered on: A-E-G / 3 cr. hrs.

**BUS129: 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. Offered on: A-E-G / 3 cr. hrs.

**BUS141: 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. Offered on: A-E-G / 3 cr. hrs.

**BUS150: 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 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 or Chair/Academic Dean. Offered on: A-E-G / 3 cr. hrs.

**BUS201: 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. Offered on: A-E-G / 3 cr. hrs.

**BUS208: CASE STUDIES IN BUSINESS ADMINISTRATION**

Advanced capstone course for Business Administration (A.S.) 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 ACC115, BUS201, ENG101, MKT101 and LAW111. Offered on: A-E-G / 1 cr. hr.

**BUS209: ISSUES IN CONTEMPORARY BUSINESS**

Advanced capstone course for Business Administration (A.A.S.) 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, LAW111, MKT101, and a business elective. Offered on: A-E-G / 3 cr. hrs.

**BUS295: SPECIAL TOPICS: BUSINESS: MANAGEMENT**

Special and current topics in Business: Management may be available. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

**Business: Marketing**

**MKT101: MARKETING**

Introduction to fundamental marketing 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. Offered on: A-E-G / 3 cr. hrs.

**MKT107: 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. Offered on: G / 3 cr. hrs.

**MKT201: 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 published marketing management case studies and marketing simulations. (offered spring semester only) Prerequisite: MKT101. Offered on: G / 3 cr. hrs.

**MKT213: 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. Offered on: A-E-G / 3 cr. hrs.

**MKT216: PRINCIPLES OF SALES**

Study of basic principles of successful selling. Consideration 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. Offered on: A-E-G / 3 cr. hrs.

**MKT218: MARKETING RESEARCH**

Techniques of doing market research, its application, methods of gathering information, sampling methods, analysis and final report writing. (offered spring semester only) Prerequisite: MKT101 and MAT103. Offered on: G / 3 cr. hrs.

**MKT220: 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. Offered on: A-G / 3 cr. hrs.

**MKT230: 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. It also looks 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. (offered spring semester only) Prerequisite: MKT101. Offered on: A-G / 3 cr. hrs.

**MKT295: SPECIAL TOPICS: BUSINESS: MARKETING**

Special and current topics in Business: Marketing may be available. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

**Business: Retail**

**RET111: 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. Offered on: A-E-G / 3 cr. hrs.

**RET112: 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. *(offered fall semester only)* Prerequisite: RET111. *Offered on: A / 3 cr. hrs.*

**RET115: 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. *(offered spring semester only)* No prerequisite. *Offered on: A / 3 cr. hrs.*

**RET201: 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 spring semester only)* Prerequisite: RET111. *Offered on: A / 3 cr. hrs.*

**RET295: SPECIAL TOPICS: BUSINESS: RETAIL**

Special and current topics in Business: Retail may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**CHEMICAL DEPENDENCY**

**CDC111: 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. *Offered on: A-E-G / 3 cr. hrs.*

**CDC115: 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 Chair/Academic Dean. *Offered on: E-G / 3 cr. hrs.*

**CDC120: 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 Chair/Academic Dean. *Offered on: A-E-G / 3 cr. hrs.*

**CDC225: 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 Chair/Academic Dean. *Offered on: G / 3 cr. hrs.*

**CDC230: 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 Chair/Academic Dean. *Offered on: G / 3 cr. hrs.*

**CDC235: 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 Chair/Academic Dean. *Offered on: G / 3 cr. hrs.*

**CDC242: CHEMICAL DEPENDENCY VOCATIONAL COUNSELING AND PREVENTION/EDUCATION PROGRAMS**

Development and implementation of the Vocational and Educational Treatment Plan with the chemically dependent individual (alcohol/substance). Exploration of the 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 Chair/Academic Dean. *Offered on: G / 3 cr. hrs.*



## Chemical Dependency – Chemistry

### **CDC246: 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. Offered on: G / 3 cr. hrs.

### **CDC252: CHEMICAL DEPENDENCY PROFESSIONAL ETHICS AND CULTURAL COMPETENCE**

This course includes the OASAS required hours specific to ethics and cultural competence for addiction professionals, including the required child abuse and maltreatment mandated reporter NYS Education Department approved training. Course goals include understanding the ethics and professional responsibilities of the counselor-client relationship, the CASAC Canon of Ethical Principles, ethical decision making and conduct, the importance of critical thinking skills, counselor self-disclosure, confidentiality laws and regulations (HIPPA and 42CFR part 2), responsibility for seeking and using clinical supervision, and the importance of counselor wellness and self-evaluation. The course also addresses counseling special populations/cultural competency. It provides knowledge of the specific chemical dependency prevention/treatment needs of particular populations and development of the skills necessary to effectively counsel individuals in those populations as well as training to develop the ability to understand, communicate with and effectively interact with people across diverse cultures. Prerequisite: CDC230 and CDC235. Offered on: G / 3 cr. hrs.

### **CDC255: 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. 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. Note: 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. (18 hrs. clinical, 2 hrs. seminar) Prerequisite: CDC120, CDC225 and CDC235. Corequisite: CDC246. Offered on: G / 7 cr. hrs.

## **CHEMISTRY**

*Safety goggles and lab coat/apron must be worn in all chemistry laboratories.*

### **CHE100: GENERAL CHEMISTRY**

A laboratory science elective for non-science 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. Notes: (1) Credit given for CHE100 or CHE122, but not both. (2) Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: MAT007 or high school Integrated Algebra or equivalent. Offered on: A-E-G / 4 cr. hrs.



**CHE120: 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. Notes: (1) Restricted to VST students in the fall and alternate summer semesters. (2) Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent and high school chemistry with laboratory. Offered on: G / 4 cr. hrs.

**CHE122: 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 (CHE 133-134). Lectures provide introduction to general principles, laws of chemical combination, thermochemistry, electrochemistry and chemical equilibrium. Laboratory work illustrates basic principles presented in lectures. Notes: (1) When CHE122 is not available, CHE100 may be substituted with permission of Chair / Academic Dean. (2) CHE122 may not be used as a substitute for CHE133. Neither CHE100 nor CHE122 may be taken after a student has completed CHE133 or its equivalent. (3) Credit given for CHE122 or CHE100, but not both. (4) Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: MAT007 or high school Integrated Algebra or equivalent. Corequisite: MAT111 or permission of Chair / Academic Dean. Offered on: A / 4 cr. hrs.

**CHE133: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 1 hr. recitation, 3 hrs. laboratory) Prerequisite: CHE100 or CHE122 or permission of Chair / Academic Dean and MAT124. Offered on: A-E-G / 4 cr. hrs.

**CHE134: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 1 hr. recitation, 3 hrs. laboratory) Prerequisite: CHE133 or permission of Chair / Academic Dean and MAT124. Offered on: A-E-G / 4 cr. hrs.

**CHE200: PRINCIPLES OF ORGANIC AND BIOCHEMISTRY**

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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: CHE100, CHE122 or CHE133, or permission of Chair / Academic Dean. Offered on: A / 4 cr. hrs.

**CHE250: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 1 hr. recitation, 4 hrs. laboratory) Prerequisite: CHE134 or permission of Chair / Academic Dean. Offered on: A-E-G / 5 cr. hrs.

## Chemistry – Cinema Studies

### CHE251: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 1 hr. recitation, 4 hrs. laboratory) Prerequisite: CHE250. Offered on: A-E-G / 5 cr. hrs.

## CHINESE

See the "Foreign Languages Placement Guidelines" chart on p. 233 to review appropriate course placement.

### CHI101: ELEMENTARY CHINESE I

First half of the introductory sequence in Chinese which develops the four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Integrated teaching methodology combines best of grammatical and functional approaches to language acquisition. Basic concepts of Chinese culture are introduced. Required online workbook/lab manual course component. This course is for students with little or no prior knowledge of Chinese. Note: Fulfills SUNY General Education Requirement for Foreign Language. (offered fall semester only) No prerequisite. Offered on: A-G / 3 cr. hrs.

### CHI102: ELEMENTARY CHINESE II

Second half of the introductory sequence in Chinese which develops the four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Integrated teaching methodology combines best of grammatical and functional approaches to language acquisition. Basic concepts of Chinese culture are introduced. Required online workbook/lab manual course component. Note: Fulfills SUNY General Education Requirement for Foreign Language. (offered spring semester only) Prerequisite: CHI101 or fulfillment of equivalent high school requirement. Offered on: A-G / 3 cr. hrs.

## CINEMA STUDIES

### CIN111: CINEMA STUDIES I: FROM KINETESCOPIES 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. Note: Fulfills SUNY General Education Requirement for Humanities. (offered fall semester only) No prerequisites. Offered on: A-E-G / 3 cr. hrs.

### CIN112: 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. Note: Fulfills SUNY General Education Requirement for Humanities. (offered spring semester only) No prerequisites. Offered on: A-E-G / 3 cr. hrs.

### CIN113: AMERICAN CINEMA

Introductory in film studies 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 prerequisites. Offered on: A-E-G / 3 cr. hrs.

### CIN114: 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 work. 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. Note: Fulfills SUNY General Education Requirement for Humanities and The Arts. No prerequisites. Offered on: A / 3 cr. hrs.

### CIN117: 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 prerequisites. Offered on: A-E / 3 cr. hrs.

### CIN118: 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 Chair / Academic Dean. Offered on: A / 3 cr. hrs.

**CIN156: 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 world around us. Notes: (1) Credit given for CIN156 or ENG208, but not both. (2) Fulfills SUNY General Education Requirement for Humanities and The Arts. *(offered fall semester only)* Prerequisite: ENG101. *Offered on: A-G / 3 cr. hrs.*

**CIN242: 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. *Offered on: A / 3 cr. hrs.*

**COLLEGE SEMINAR**

*The COL101: College Seminar requirement may also be fulfilled by taking ART105: Visual Arts College Seminar; ART144: Photography Seminar; 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; COL141: EOP-College Seminar (for students in EOP program); CUL101: Hospitality College Seminar (for students in culinary arts and hotel and resort management curriculums); GRD105: Digital Design College Seminar (for students in computer art and graphic design curriculums); INT115: Interior Design Careers Seminar; LIB101: Introduction to College Research; LIB103: Library Research Methods; MUS115: College Seminar for Music Majors; OTA100: Seminar for Occupation Therapy Assistant Students; THR100: College Seminar for Theatre; VST100: College Seminar for Veterinary Science Technology; or WST112: Women’s Seminar.*

**COL101: COLLEGE SEMINAR**

The course facilitates students’ transition to and success at Suffolk County Community College. Through discussions, readings, critical thinking and information literacy, students will develop academic skills, a connection with the College, and a familiarity with college resources and services. Students are expected to enroll in this class in their first semester. No prerequisite. *Offered on: A-E-G / 1 cr. hr.*

**COL105: 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. Note: For those students placed in it, this course satisfies the College Seminar (COL101) graduation requirement. It cannot be used to fulfill liberal arts or unrestricted elective credits in any degree or certificate program. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**COL111: 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. Note: This is a required course that can be used as a substitute for COL101: College Seminar. No prerequisite. *Offered on: A-E-G / 1.5 cr. hrs.*

**COL120: 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. *Offered on: A-E-G / 1 cr. hr.*

**COL141: EOP-COLLEGE SEMINAR**

This course consists of a summer and fall component. EOP students will learn the necessary technical skills for college success such as study skills, library use, test-taking strategies, goal setting and time management during the summer portion. The fall component incorporates an integration into the College community by student’s active participation in campus activities and clubs. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**COL295: SPECIAL TOPICS: COLLEGE STUDIES**

Special and current topics in College Seminar may be available. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 1-3 cr. hrs.*

## Communications

### COMMUNICATIONS

#### COM101: INTRODUCTION TO HUMAN COMMUNICATION

Introduces field of communication studies. Through lecture, discussion, and practice, students study areas such as public speaking, small group problem solving, verbal and nonverbal communication, interpersonal communication, critical listening, and related areas. Note: Fulfills SUNY General Education Requirement for Basic Communication. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

#### COM102: 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. Note: Fulfills SUNY General Education Requirement for Basic Communication. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

#### COM105: 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. Note: Fulfills SUNY General Education Requirement for Basic Communication and Humanities. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

#### COM107: 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. *Offered on: A-E-G / 3 cr. hrs.*

#### COM109: FORENSICS WORKSHOP

Designed for students interested in intercollegiate competition and improving their communication 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. *Offered on: A / 3 cr. hrs.*

#### COM110: 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. *Offered on: A-E-G / 3 cr. hrs.*

#### COM111: 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. Note: Credit given for COM111 or COM112, but not both. No prerequisite. *Offered on: A-G / 3 cr. hrs.*

#### COM112: 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. Note: Credit given for COM111 or COM112, but not both. Prerequisite: ESL Level 5, or permission of Chair / Academic Dean. *Offered on: G / 3 cr. hrs.*

#### COM121: 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

#### COM131: 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. *Offered on: A-G / 3 cr. hrs.*

#### COM133: 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. *Offered on: A-G / 3 cr. hrs.*

**COM201: INTRODUCTION TO COMMUNICATION THEORY**

A survey of the major theories of communication and their application to the analysis of discourse. This course presents a historic range of theories of communication, including interpretive, critical, rhetorical, and scientific. Prerequisite: COM101 or COM102 and ENG101. *Offered on: A-E-G / 3 cr. hrs.*

**COM202: 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. Note: Fulfills SUNY General Education Requirement for Other World Civilizations. Prerequisite: COM101 or COM102. *Offered on: A-G / 3 cr. hrs.*

**COM204: 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: COM101 or COM105. *Offered on: A / 3 cr. hrs.*

**COM206: ADVANCED INTERPERSONAL COMMUNICATION**

This course explores the fundamental issues in interpersonal communication theory and research from the contemporary source materials. 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. *Offered on: A-E-G / 3 cr. hrs.*

**COM213: COMPUTER MEDIATED COMMUNICATION**

Computer-mediated communication (CMC) is the most recently developed area of human communication. The course addresses the understanding of the new mode of communication built upon the use of computer technology, explores the formation of new communicative behaviors and actions, discusses advantages and challenges of the new mode, and provides practical knowledge and skills for conducting CMC. No prerequisite. *Offered on: A-G / 3 cr. hrs.*

**COM295: SPECIAL TOPICS: COMMUNICATIONS**

Special and current topics in Communications may be available. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**COM296: SPECIAL TOPICS HONORS: COMMUNICATIONS**

Honors special topics in Communications may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**COMPUTER SCIENCE/INFORMATION TECHNOLOGY**

*The following courses can be used to satisfy Liberal Arts and Sciences elective requirements: CST101, CST125, CST126, CST161, CST222, CST227, CST242, CST246.*

**CST101: 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. Note: Credit given for CST101 or BUS112, but not both. No prerequisite. *Offered on: A-E-G / 4 cr. hrs.*

**CST111: 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. *Offered on: A-E-G / 4 cr. hrs.*



### **CST112: 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. *Offered on: A-E-G / 4 cr. hrs.*

### **CST125: 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 Chair / Academic Dean. *Offered on: A-E-G / 4 cr. hrs.*

### **CST126: OPERATING SYSTEMS: UNIX/LINUX**

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 Chair / Academic Dean. *Offered on: A-E-G / 4 cr. hrs.*

### **CST141: PRINCIPLES OF COMPUTING WITH JAVA**

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 reusability, 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 Chair / Academic Dean. *Offered on: A-E-G / 4 cr. hrs.*

### **CST161: HOMEPAGE AND WEBSITE DEVELOPMENT**

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 Chair / Academic Dean. *Offered on: A-E-G / 4 cr. hrs.*

### **CST171: 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 Chair / Academic Dean. *Offered on: A-E-G / 4 cr. hrs.*

### **CST222: 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. Examines CPU architectures and instruction sets with assembly-language programming. 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 Chair / Academic Dean. *Offered on: A-E-G / 4 cr. hrs.*



**CST227: 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. Offered on: A-E-G / 4 cr. hrs.

**CST242: 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 Chair/Academic Dean. Offered on: A-E-G / 4 cr. hrs.

**CST246: 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. Offered on: A-E-G / 4 cr. hrs.

**CST262: 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. Offered on: A-E-G / 4 cr. hrs.

**CST265: 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 Chair/Academic Dean. Offered on: A-E-G / 4 cr. hrs.

**CST272: 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. (offered spring semester only) Prerequisite: CST112 and CST171 or permission of Chair/Academic Dean. Corequisite: CST242. Offered on: A-E-G / 4 cr. hrs.

### **CST278: 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; Corequisite: CST242; or permission of Chair/Academic Dean. Offered on: A-E-G / 4 cr. hrs.

### **CST288: COOPERATIVE EDUCATION/ INTERNSHIPS FOR COMPUTING TECHNOLOGY**

Fieldwork 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 fieldwork, 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. Offered on: A-E-G / 4 cr. hrs.

### **CST295: SPECIAL TOPICS: COMPUTER SCIENCE/INFORMATION TECHNOLOGY**

Special and current topics in Computer Science/Information Technology. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

## **CONSTRUCTION TECHNOLOGY**

### **COT110: 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) Corequisite: MAT112. Offered on: A / 3 cr. hrs.

### **COT114: CONSTRUCTION METHODS**

Methods of residential and commercial construction including site preparation, concrete placement, timber and steel framing techniques, moisture control and finishing. No prerequisite. Offered on: A / 3 cr. hrs.

### **COT137: ARCHITECTURAL HISTORY**

This course introduces students to basic theories of planning, design, structural innovations and materials of historically, socially and culturally significant architectural buildings from the Ancient Egyptian and Greek architecture to the present. (offered fall semester only) No prerequisite. Offered on: A / 3 cr. hrs.

### **COT166: STATICS**

One-semester course in statics. Includes vector concept of force, equilibrium, centroids, moments of inertia, analysis of structures, and fluid statics. (offered spring semester only) (3 hrs. lecture) Prerequisite: MAT112. Corequisite: MAT124. Offered on: A / 3 cr. hrs.

### **COT222: 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. (offered spring semester only) (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: COT110 and MAT112. Offered on: A / 3 cr. hrs.

### **COT233: 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. (offered fall semester only) (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: COT166 and MAT124. Offered on: A / 3 cr. hrs.

### **COT236: GREEN BUILDING PRINCIPLES**

Principles of Green Building Methods of residential and commercial construction that incorporate Green Building principles and technologies in support of the US Green Building Council LEED Program. (offered spring semester only) Prerequisite: COT114. Offered on: A / 3 cr. hrs.

### **COT240: CONSTRUCTION ESTIMATING AND SCHEDULING**

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. Introduces the most accepted methods for scheduling construction project from start to finish. Typical projects are heavy civil infrastructure types, 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. (offered fall semester only) (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: COT114. Offered on: A / 3 cr. hrs.

**COT243: PROFESSIONAL PRACTICES IN THE CONSTRUCTION INDUSTRY**

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. (*offered spring semester only*) Prerequisite: COT240. Offered on: A / 3 cr. hrs.

**CRIMINAL JUSTICE**

*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: 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. Offered on: A-E-G / 3 cr. hrs.

**CRJ103: 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. Offered on: A-E-G / 3 cr. hrs.

**CRJ105: POLICE OPERATIONS**

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. Offered on: A-E-G / 3 cr. hrs.

**CRJ107: 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. Offered on: A-E-G / 3 cr. hrs.

**CRJ109: 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. Offered on: A-E-G / 3 cr. hrs.

**CRJ111: CRIMINALISTICS**

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. Offered on: A-E-G / 3 cr. hrs.

**CRJ201: HUMAN RELATIONS AND CRIMINAL JUSTICE**

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. Offered on: A-E-G / 3 cr. hrs.

**CRJ202: INTRODUCTION TO PROBATION AND PAROLE**

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. Offered on: A-E-G / 3 cr. hrs.

**CRJ203: INTRODUCTION TO PRIVATE SECURITY**

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. (*offered spring semester only*) No prerequisite. Offered on: A-E-G / 3 cr. hrs.

## Criminal Justice – Culinary Arts

### CRJ204: INTRODUCTION TO COMPUTER CRIME

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. *Offered on: A-E-G / 3 cr. hrs.*

### CRJ205: INTRODUCTION TO CRIMINAL INVESTIGATIONS

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. *Offered on: A-E-G / 3 cr. hrs.*

### CRJ206: ORGANIZED CRIME

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. *Offered on: A-E-G / 3 cr. hrs.*

### CRJ208: TERRORISM AND LAW ENFORCEMENT

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. *(offered spring semester only)* No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

### CRJ207: JUVENILE JUSTICE

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. *Offered on: A-E-G / 3 cr. hrs.*

### CRJ209: CRIMINAL JUSTICE CAPSTONE COURSE

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. Note: All Criminal Justice students enrolling in Suffolk County Community College beginning September 2004 must take the Capstone course prior to graduation. Prerequisite or corequisite: CRJ101, CRJ103, CRJ105, CRJ107, and CRJ109 (15 credits). *Offered on: A-E-G / 1 cr. hr.*

### CRJ215: 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 fieldwork, 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. *Offered on: A-E / 3 cr. hrs.*

**CRJ295: SPECIAL TOPICS: CRIMINAL JUSTICE**  
Special and current topics in Criminal Justice may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

## CULINARY ARTS

### CUL101: HOSPITALITY COLLEGE 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. *Offered on: E / 1 cr. hr.*

### CUL111: 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. *Offered on: E / 3 cr. hrs.*

**CUL112: 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: MAT006 or MAT007 or higher. Offered on: E / 3 cr. hrs.

**CUL113: 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. Offered on: E / 3 cr. hrs.

**CUL114: 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 standardized 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. Offered on: E / 4 cr. hrs.

**CUL115: BAKING AND PASTRY ARTS I**

Introduces techniques necessary to produce delicious pastries, yeast bread doughnuts, specialty cookies and custards, and to assemble and decorate cakes. Lecture combined with hands-on application enables students to develop necessary skills to produce specialty baked products that incorporate proper texture, flavor and restaurant-setting presentation. (3 hrs. lecture, 3 hrs. laboratory) Corequisite: CUL111. Offered on: E / 4 cr. hrs.

**CUL116: 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. Students are required to work special functions to gain practical service experience. No prerequisite. Offered on: E / 3 cr. hrs.

**CUL120: 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. Offered on: E / 3 cr. hrs.

**CUL132: 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. Offered on: E / 3 cr. hrs.

**CUL211: AMERICAN REGIONAL CUISINE**

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. Offered on: E / 1 cr. hr.

**CUL212: SAVORY FRENCH CUISINE**

Presents classic French preparation methods that have transformed world's cuisines. Combines classical techniques with lighter, more simplistic and 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. Offered on: E / 1 cr. hr.

**CUL213: 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. Offered on: E / 1 cr. hr.

**CUL214: 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. Offered on: E / 1 cr. hr.



## Culinary Arts – Dietetic Technician

### **CUL217: 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. (6 hrs. laboratory) Prerequisite: CUL115 or permission of Chair / Academic Dean. Offered on: E / 3 cr. hrs.

### **CUL218: 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. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: CUL115 or permission of Chair / Academic Dean. Offered on: E / 4 cr. hrs.

### **CUL219: 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. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: CUL115 or permission of Chair / Academic Dean. Offered on: E / 4 cr. hrs.

### **CUL228: GARDE MANGER**

Explores the art and craft of the cold kitchen, where buffet platter decoration and presentation take center stage. Learn hands-on techniques for preparing smoked meat and fish platters, pates, terrines, mousses, galantines, and the making of great sausages or charcuterie. (6 hrs. laboratory) Prerequisite: CUL114 or permission of Chair / Academic Dean. Offered on: E / 3 cr. hrs.

### **CUL240: 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. Registration in this course requires that students purchase liability insurance through the College. Prerequisite: CUL111, CUL114 and CUL116 or CUL115. Offered on: E / 4 cr. hrs.

### **CUL250: 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, CUL116, CUL120, and CUL132. Offered on: E / 2 cr. hrs.

## DIETETIC TECHNICIAN

### **DTE101: 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. (offered fall semester only) (3 hrs. lecture, 4 hrs. laboratory) Prerequisite: MAT007 or equivalent. Corequisite: DTE103. Minimum grade of C required to advance to next course in DTE sequence. Offered on: E / 4 cr. hrs.

### **DTE103: 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. (offered fall semester only) Prerequisite: MAT007 or equivalent. Corequisite: DTE101. Minimum grade of C is required to advance to next course in DTE sequence. Offered on: E / 3 cr. hrs.

### **DTE121: 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. (offered spring semester only) (3 hrs. lecture, 90 hrs. clinical) Prerequisites: BIO105, DTE101 and DTE103 with grades of C or higher. Corequisite: DTE122. Minimum grade of C is required to advance to next course in DTE sequence. Offered on: E / 5 cr. hrs.

### **DTE122: 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) Prerequisites: DTE101 and DTE103 with grades of C or higher. Corequisite: DTE121. Minimum grade of C is required to advance to next course in DTE sequence. Offered on: E / 3 cr. hrs.



**DTE201: 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. (*offered fall semester only*) Prerequisite: DTE101 and DTE103 with grades of C or higher. Minimum grade of C is required to advance to next course in DTE sequence. *Offered on: E / 3 cr. hrs.*

**DTE203: DIETETICS SEMINAR**  
Capstone course for the Dietetic Technician Program. Orientation to the profession of dietetics with an emphasis on professional organizations, ethical issues related to dietetic practice, career and educational opportunities. Legislative and policy making related to dietetics is explored. Application of evidence based practice versus media propaganda is demonstrated. (*offered spring semester only*) Corequisites: DTE211 and DTE213. Minimum grade of C is required to advance to next course in DTE sequence. *Offered on: E / 1 cr. hr.*

**DTE205: ADVANCED CLINICAL NUTRITION**  
Considers rationale and characteristics of selected therapeutic diets, their application, planning, calculation and menu adjustment. Purchase of liability insurance through the College is required. (*offered fall semester only*) (3 hrs. lecture, 132 hrs. clinical, 48 hrs. fieldwork) Prerequisites: CHE100 and DTE121 with grades of C or higher. Minimum grade of C is required to advance to next course in DTE sequence. *Offered on: E / 7 cr. hrs.*

**DTE211: 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: DTE203 and DTE213. *Offered on: E / 3 cr. hrs.*

**DTE213: FOOD SERVICE MANAGEMENT FIELDWORK**  
Under direction of fieldwork instructor, student has hands-on experience in all aspects of food service management at a local health care facility. Requires purchase of liability insurance through the College. (*offered spring semester only*) (1 hr. lecture, 180 hrs. fieldwork) Corequisite: DTE203 and DTE211. *Offered on: E / 5 cr. hrs.*

## DRAFTING

**DRF112: TECHNICAL DRAWING/BASIC CAD**  
This is an introductory course to basic and intermediate drafting practices that tests students' ability to produce, read and understand technical working drawings. Included are basic geometric drawing, multiview drawing, measuring to scale and dimensioning of technical drawings. Work includes two-dimensional and pictorial (engineering and architectural) drawings created by hand and with the use of CAD (Computer Aided Drafting). (3 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A / 3 cr. hrs.*

**DRF114: 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. *Offered on: A / 3 cr. hrs.*

**DRF217: 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: DRF112 and COT114. *Offered on: A / 3 cr. hrs.*

**DRF218: 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: DRF112 and COT114. *Offered on: A / 3 cr. hrs.*

**DRF219: 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. (*offered spring semester only*) (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: DRF112 and COT114. *Offered on: A / 3 cr. hrs.*

**DRF220: ADVANCED CAD**  
This is an advanced course to drafting practices that tests students' ability to produce, read and understand technical working drawings and to create basic three-dimensional models. Students will learn advanced two-dimensional commands utilizing computer aided drafting software and basic commands utilizing three-dimensional modeling software. Work includes engineering and architectural drawings created with the use of both software programs. (*offered spring semester only*) (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: DRF112 and COT114. *Offered on: A / 3 cr. hrs.*

## Drafting – Earth and Space Science

### DRF295: SPECIAL TOPICS: DRAFTING

Special and current topics in Drafting may be available. See “Class Schedule Search” for a complete listing each term. *Offered on: A / 3-4 cr. hrs.*

## EARLY CHILDHOOD EDUCATION/ EDUCATION

### EDU101: 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. 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. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

### EDU102: 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. 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. Prerequisite or corequisite: EDU101 or permission of Chair/Academic Dean. *Offered on: A-E-G / 3 cr. hrs.*

### EDU103: 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. 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. Prerequisites or corequisite: EDU 101 or permission of Chair/Academic Dean. *Offered on: A-E-G / 3 cr. hrs.*

### EDU113: 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. 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. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

### EDU201: 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 Chair/Academic Dean. *Offered on: A-E-G / 3 cr. hrs.*

### EDU211: EARLY CHILDHOOD SEMINAR AND PRACTICUM I

Examination of the role of the early childhood professional in an 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. Fingerprint, health and background checks may be required at the student's expense. (*offered fall semester only*) (2 hrs. lecture, 3 hrs. practicum) Prerequisite: EDU102 or EDU103. *Offered on: A-E-G / 3 cr. hrs.*

### EDU221: 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. Fingerprint, health and background checks may be required at the student's expense. (*offered spring semester only*) (2 hrs. lecture, 6 hrs. practicum) Prerequisite: EDU211. *Offered on: A-E-G / 4 cr. hrs.*

## EARTH AND SPACE SCIENCE

### ESC101: 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 fieldwork required. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. *Offered on: A-E-G / 4 cr. hrs.*

**ESC102: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. Offered on: A-E-G / 4 cr. hrs.

**ESC124: 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 trip(s) and attendance at town planning board meetings. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. Offered on: A-G / 4 cr. hrs.

**ESC251: GEOLOGICAL FIELD STUDIES**

Familiarizes students interested in geology with field methods in various geologic environments. Topographic maps and aerial 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. Offered on: A / 1-4 cr. hrs.

**ESC295: SPECIAL TOPICS: EARTH AND SPACE SCIENCE**

Special and current topics in Earth and Space Science may be available. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

**ESC296: SPECIAL TOPICS HONORS: EARTH AND SPACE SCIENCE**

Honors special topics in Earth and Space Science may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

**ECONOMICS**

**ECO101: CURRENT ECONOMIC ISSUES**

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. Note: Fulfills SUNY General Education Requirement for Social Sciences. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

**ECO111: MACROECONOMICS: THE NATIONAL ECONOMY**

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? Note: Fulfills SUNY General Education Requirement for Social Sciences. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

**ECO112: MICROECONOMICS: PRICES AND MARKETS**

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? Note: Fulfills SUNY General Education Requirement for Social Sciences. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

**ECO295: SPECIAL TOPICS: ECONOMICS**

Special and current topics in Economics may be available. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

**ECO296: SPECIAL TOPICS HONORS: ECONOMICS**

Honors special topics in Economics may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

**ELECTRICAL ENGINEERING TECHNOLOGY**

**ELT112: ELECTRICITY I**

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. Offered on: A / 4 cr. hrs.

**ELT113: DIGITAL ELECTRONICS I**

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. (offered fall semester only) (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: Admission to Electrical Technology program. Corequisites: MAT111, ELT112, and ELT115. Offered on: A / 4 cr. hrs.

## Electrical Engineering Technology

### ELT115: TECHNICAL PROBLEM SOLVING

Practical methods of solving technical problems are explored. Flowcharting and computer programming skills are developed as tools in the problem solving process. (*offered fall semester only*) (2 hrs. laboratory) Prerequisite: Admission to Electrical Technology program. Corequisites: MAT111, ELT112, and ELT113. *Offered on: A / 1 cr. hr.*

### ELT150: THE WORKINGS OF PC COMPUTERS

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. *Offered on: A / 3 cr. hrs.*

### ELT151: CISCO COMPUTER NETWORKING I

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. *Offered on: A / 4 cr. hrs.*

### ELT152: 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. *Offered on: A / 4 cr. hrs.*

### ELT221: 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. (*offered spring semester only*) (2 hrs. lecture) No prerequisite. *Offered on: A / 1 cr. hr.*

### ELT222: 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. (*offered spring semester only*) (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT111, ELT112, and ELT115. Corequisites: MAT124 and ELT224. *Offered on: A / 4 cr. hrs.*

### ELT224: 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. (*offered spring semester only*) (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: ELT112, ELT115, and MAT111. Corequisite: MAT124. *Offered on: A / 4 cr. hrs.*

### ELT227: ELECTRONIC CONSTRUCTION

Introduction to general principles and practices of troubleshooting. Topics include design and construction of printed circuit boards. Construction of electronic circuits and systems. (*offered spring semester only*) (2 hrs. laboratory) Prerequisite: ELT112, ELT113, and ELT115. Corequisite: ELT222, and ELT224. *Offered on: A / 1 cr. hr.*

### ELT228: 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. (*offered spring semester only*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: ELT112, ELT113, ELT115, and MAT111. Corequisite: ELT222. *Offered on: A / 3 cr. hrs.*

### ELT231: 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. (*offered fall semester only*) Prerequisite: MAT124, ELT222, and ELT224. *Offered on: A / 4 cr. hrs.*

### ELT236: 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. (*offered fall semester only*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: ELT222 and ELT224. Corequisite: ELT231. *Offered on: A / 3 cr. hrs.*

### ELT238: DIGITAL ELECTRONICS III

Microprocessor and computer interfacing and introduction to 16 bit microcomputers. Included are computer-controlled test equipment techniques. (*offered fall semester only*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: ELT222 and ELT228. Corequisite: ELT236. *Offered on: A / 3 cr. hrs.*



**ELT241: TELECOMMUNICATIONS I**

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. Offered on: A / 3 cr. hrs.

**ELT242: TELECOMMUNICATIONS II**

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. Offered on: A / 3 cr. hrs.

**ELT243: 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. (offered spring semester only) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: ELT231, ELT236, and ELT238. Offered on: A / 3 cr. hrs.

**ELT244: ANALOGUE/DIGITAL COMMUNICATIONS**

Introduction to analogue and digital data communications techniques a systems design approach. Includes analogue/digital modulation techniques, ISDN, video, cellular ATM, synchronous/asynchronous and wireless techniques. Digital / data communication systems techniques such as multiplexing, coding, PSK and others. Covers systems, transmission media and techniques in the analogue / digital / data transmission. (offered spring semester only) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: ELT231 and ELT236. Corequisite: ELT 243. Offered on: A / 3 cr. hrs.

**ELT295: SPECIAL TOPICS: ELECTRICAL ENGINEERING TECHNOLOGY**

Special and current topics in Electrical Engineering Technology may be available. See "Class Schedule Search" for a complete listing each term. Offered on: A / 3-4 cr. hrs.

**ENGINEERING SCIENCE****ENS112: INTRODUCTION TO ENGINEERING DESIGN**

Explores basic electronic design principles and system design approaches through construction and measurement of a specific system. 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. (2 hrs. lecture, 2 hrs. laboratory) Corequisite: MAT141. Offered on: A / 2 cr. hrs.

**ENS117: ENGINEERING COMPUTATIONS**

Introductory course in use of computers for solving engineering problems. Principle emphasis on formulation of problems and their solution within framework of the C programming language. Prerequisite: Admission to Engineering program. Offered on: A / 3 cr. hrs.

**ENS118: ENGINEERING MECHANIC: 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. Prerequisite: MAT142 and PHY130. Offered on: A / 3 cr. hrs.

**ENS119: 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. Prerequisite: ENS118. Offered on: A / 3 cr. hrs.

**ENS233: 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. Offered on: A / 4 cr. hrs.

**ENS295: SPECIAL TOPICS: ENGINEERING SCIENCE**

Special and current topics in Engineering Science may be available. See "Class Schedule Search" for a complete listing each term. Offered on: A / 3-4 cr. hrs.

## English

### 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, test scores or equivalent course credit 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.

#### 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 or equivalent course credit.)
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 A.A., A.S., and some A.A.S. degree programs.
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: 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. *Offered on: A-E-G / 3 cr. hrs.*

#### ENG010: 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. Prerequisite: ENG009 or placement. *Offered on: A-E-G / 3 cr. hrs.*

#### ENG101: 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. Note: Fulfills SUNY General Education Requirement for Basic Communication. Prerequisite: ESL018, ENG010 or placement. *Offered on: A-E-G / 3 cr. hrs.*

#### ENG102: 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

#### ENG119: 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. *Offered on: A-E-G / 3 cr. hrs.*



**ENG121: 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. *Offered on: A-E-G / 3 cr. hrs.*

**ENG130: AUTOBIOGRAPHICAL WRITING**

For readers and writers of autobiography. Reading select memoir and autobiographical literature, 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. *Offered on: A-G / 3 cr. hrs.*

**ENG131: 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 pay attention, as well, to development of stronger criteria for self-evaluation and particular needs of a creative writer to gauge his or her audience in order to market his or her work. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

**ENG141: 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

**ENG142: INTRODUCTION TO DRAMATIC LITERATURE**

Study of theme, structure, characterization and imagery in representative drama from the Greeks to the present day. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

**ENG143: MASTERPIECES OF WORLD LITERATURE I**

Study of major works of world literature emphasizing mythological, social and philosophical backgrounds of Classical, Medieval, and Renaissance. ENG143 deals with such authors as Homer, Sophocles, Dante and Cervantes. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-G / 3 cr. hrs.*

**ENG144: MASTERPIECES OF WORLD LITERATURE II**

Study of major works of world literature emphasizing mythological, social and philosophical backgrounds of Neo-Classical, Romantic and Modern periods. ENG144 deals with such authors as Moliere, Voltaire, Goethe and Tolstoy. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-G / 3 cr. hrs.*

**ENG170: 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. *Offered on: A-E-G / 3 cr. hrs.*

**ENG171: ADVANCED NEWSWRITING**

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*) Prerequisite: ENG170. *Offered on: A-E-G / 3 cr. hrs.*

**ENG172: 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: ENG170. *Offered on: A / 3 cr. hrs.*

**ENG174: CONTEMPORARY NON-FICTION 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. Prerequisite: ENG101. *Offered on: A / 3 cr. hrs.*

**ENG175: JOURNALISM PRACTICUM**

For students who work 30 contact hours per semester on the student newspaper. Includes working on all phases of newspaper: editing, reporting, feature writing, photography, layout, advertising, and editorial 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 and ENG170 or permission of Chair / Academic Dean. Course restricted to journalism majors or newspaper staff members. *Offered on: A-E-G / 3 cr. hrs.*

## English

### ENG200: 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 the topics of 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. *Offered on: A / 3 cr. hrs.*

### ENG201: 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. *Offered on: A-E-G / 3 cr. hrs.*

### ENG202: LITERATURE AS FILM

Examines some of 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. Note: Fulfills SUNY General Education Requirement for Humanities and The Arts. Prerequisite: ENG101. *Offered on: A-G / 3 cr. hrs.*

### ENG203: 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. *Offered on: A-E-G / 3 cr. hrs.*

### ENG204: 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 and ENG131. *Offered on: A-E-G / 3 cr. hrs.*

### ENG205: CONTEMPORARY LITERATURE

Study of significant contemporary works which illustrate important themes in modern thought with emphasis on contemporary insights. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

### ENG206: 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

### ENG207: MASS MEDIA

Study of communication techniques used by mass media in American society: newspapers, periodicals, television, radio, films. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

### ENG208: 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 world around us. Note: Credit given for ENG208 or CIN156, but not both. Prerequisite: ENG101. *Offered on: G / 3 cr. hrs.*

### ENG209: 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

### ENG210: SCIENCE FICTION

Deals with the future as seen through literature of science fiction. Among themes covered are the effect 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A / 3 cr. hrs.*

### ENG211: 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. Douglass, 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

### ENG212: CONTEMPORARY GLOBAL LITERATURE

Focuses on contemporary literature from Caribbean, Latin America, North and Sub-Saharan Africa, Middle East, East Asia and Southeast Asia. Note: Fulfills SUNY General Education Requirement for Other World Civilizations and Humanities. Prerequisite: ENG101 and ENG102. *Offered on: A-E-G / 3 cr. hrs.*

**ENG213: ENGLISH LITERATURE I**

Study of major themes and styles in the 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

**ENG214: 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

**ENG215: 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

**ENG216: 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'Neill and Frost. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

**ENG217: 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. *Offered on: A-E-G / 3 cr. hrs.*

**ENG218: LATINA/O LITERATURE**

This course focuses on works of modern Latina/o writers, including such authors as Oscar Hijuelos, María Irene Fornés and Nilo Cruz (Cuban-American), Julia de Burgos, Miguel Algarín, and Sandra María Esteves (Puerto Rican/Nuyorican), Gloria Anzaldúa and Luis Valdéz (Chicana/o), and Junot Díaz and Julia Alvarez (Dominican-American). Such themes as language, alienation, identity, exile and assimilation, prejudice, cultural and ethnic pride, religion, and family are explored. Notes: (1) Fulfills SUNY General Education Requirement for Humanities. (2) Credit given for either ENG218 or HUM218, but not both. Prerequisite: ENG101. *Offered on: G / 3 cr. hrs.*

**ENG219: 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

**ENG220: SHAKESPEARE**

Critical study of representative Shakespearean comedies, tragedies and histories, including examination of the Elizabethan world picture. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

**ENG221: THE ART OF POETRY**

Study of theme, form and imagery in traditional and contemporary poetry. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: A-E-G / 3 cr. hrs.*

**ENG225: 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. *Offered on: G / 3 cr. hrs.*

**ENG226: LITERATURE OF MAGICAL REALISM**

Examines the genre of magical realism, fiction in which the relationship between ordinary and extraordinary provokes narrative interpretations in relation to the history, cultures, myths 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101 and ENG102. *Offered on: A / 3 cr. hrs.*

**ENG295: SPECIAL TOPICS: ENGLISH AND JOURNALISM**

Special and current topics in English may be available. See "Class Schedule Search" for a complete listing each term. Prerequisite: ENG101. *Offered on: A-E-G / 3-4 cr. hrs.*

## English – English as a Second Language

### ENG296: SPECIAL TOPICS HONORS: ENGLISH AND JOURNALISM

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 “Class Schedule Search” for a complete listing each term. Prerequisite: 3.0 GPA in 9 credits of English; ENG101, ENG102 and English elective. Offered on: A-E-G / 3-4 cr. hrs.

## ENGLISH AS A SECOND LANGUAGE

No ESL course (ESL011-ESL018) awards credit toward a degree.

### ESL011: 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 the Reading Center. Graded on an S-W-U-R basis. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

### ESL012: 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 the Reading Center. Graded on an S-W-U-R basis. Prerequisite: ESL011. Offered on: A-E-G / 3 cr. hrs.

### ESL013: 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. ESL013 and ESL014 each require minimum of one hour per week in the Language Lab / Academic Skills Center. Graded on an S-W-U-R basis. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

### ESL014: 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 the Language Lab / Academic Skills Center. Graded on an S-W-U-R basis. Prerequisite: ESL013. Offered on: A-E-G / 3 cr. hrs.

### ESL015: 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 the Language Lab / Academic Skills Center. Graded on an S-W-U-R basis. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

### ESL016: 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 the Language Lab / Academic Skills Center. Graded on an S-W-U-R basis. Prerequisite: ESL015. Offered on: A-E-G / 3 cr. hrs.

### ESL017: 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 the Language Lab / Academic Skills Center. Graded on an S-W-U-R basis. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

### ESL018: 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 the Language Lab / Academic Skills Center. Graded on an S-W-U-R basis. Prerequisite: ESL017. Offered on: A-E-G / 3 cr. hrs.



## ENVIRONMENTAL SCIENCES

### ENV101: INTRODUCTION TO ENVIRONMENTAL SCIENCES

This course is an introductory level study of the Earth's environmental systems and the role of humans in those systems. Students will be introduced to key elements of ecology and ecosystem sciences, focusing on their function and importance for human societies, as well as the impact of human activity on these systems. The course stresses the roles of resource availability and use, biogeochemical cycling, and anthropogenic effects, both locally and globally. This course also addresses the importance of maintaining the natural functioning of environmental systems for the well-being of human society, culture, and survival. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT101 or higher. Offered on: A-E-G / 4 cr. hrs.

### ENV115: 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. Notes: (1) Credit given for ENV115 or ENV128, but not both. (2) Does not fulfill a laboratory science requirement. No prerequisite. Offered on: E / 3 cr. hrs.

### ENV128: 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. Notes: (1) Credit given for ENV115 or ENV128, but not both. (2) Does not fulfill a laboratory science requirement. No prerequisite. Offered on: A / 3 cr. hrs.

## FIRE PROTECTION TECHNOLOGY

### FPT111: 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. (offered fall semester only) No prerequisite. Offered on: A / 3 cr. hrs.

### FPT113: 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. (offered spring semester only) No prerequisite. Offered on: A / 3 cr. hrs.

### FPT124: 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. (offered spring semester only) Prerequisite: FPT113. Offered on: A / 3 cr. hrs.

### FPT131: 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. (offered spring semester only) No prerequisite. Offered on: A / 3 cr. hrs.

### FPT140: 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. (offered fall semester only) No prerequisite. Offered on: A / 3 cr. hrs.

### FPT148: 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. (offered spring semester only) No prerequisite Offered on: A / 3 cr. hrs.

### FPT149: 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. (offered spring semester only) No prerequisite. Offered on: A / 3 cr. hrs.

## Fire Protection Technology – Fitness Specialist

### **FPT150: 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. *(offered fall semester only)* No prerequisite. *Offered on: A / 3 cr. hrs.*

### **FPT171: INDUSTRIAL SAFETY ENGINEERING I**

Fundamentals of industrial safety including history, safety, inspections, safety organization and committees, accident investigation records and injury rates. *(offered fall semester only)* No prerequisite. *Offered on: A / 3 cr. hrs.*

### **FPT172: 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. *(offered spring semester only)* Prerequisite: FPT171. *Offered on: A / 3 cr. hrs.*

## **FITNESS SPECIALIST**

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*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.*

### **PFS113: 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. *(offered fall semester only)* (1 hr. lecture, 2 hrs. laboratory) Prerequisite: BIO132. Corequisite: PFS201, 205, 212 and BIO245. *Offered on: A / 2 cr. hrs.*

### **PFS114: 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. *(offered fall semester only)* *Offered on: A / 3 cr. hrs.*

### **PFS201: 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. *(offered fall semester only)* (1 hr. lecture, 2 hrs. laboratory) Prerequisite: BIO132. Corequisites: PFS113, 205, 212 and BIO245. *Offered on: A / 2 cr. hrs.*

### **PFS205: 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. *(offered fall semester only)* (1 hr. lecture, 2 hrs. laboratory) Prerequisite: BIO132. Corequisites: PFS113, 201, 212 and BIO245. *Offered on: A / 2 cr. hrs.*

### **PFS211: 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. *(offered spring semester only)* Prerequisite: BIO132. Corequisite: PFS217. *Offered on: A / 3 cr. hrs.*

### **PFS212: 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. *(offered fall semester only)* Prerequisite: BIO132. Corequisites: PFS113, 201, 205 and BIO245. *Offered on: A / 3 cr. hrs.*

### **PFS217: FIELDWORK 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. *(offered spring semester only)* (1 hr. lecture, 8 hrs. fieldwork) Prerequisite: PFS113, PFS201, PFS205, PFS212 and BIO245. Corequisites: PFS211. *Offered on: A / 3 cr. hrs.*



**PFS295: SPECIAL TOPICS: FITNESS SPECIALIST**

Special and current topics in Fitness Specialist may be available. See “Class Schedule Search” for a complete listing each term. *Offered on: A / 3-4 cr. hrs.*

**FOREIGN LANGUAGE**

See listings for individual languages: Chinese (p. 210), French (p. 233), German (p. 234), Italian (p. 244), Japanese (p. 245), Latin (p. 246), Spanish (p. 277).

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 “Class Schedule Search” for a complete listing each term.

**FRENCH**

See the “Foreign Languages Placement Guidelines” chart on p. 233 to review appropriate course placement.

**FRE101: ELEMENTARY FRENCH I**

First half of the introductory sequence in French which develops the 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. This course is for students with little or no knowledge of French. Note: Fulfills SUNY General Education Requirement for Foreign Language. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**FRE102: ELEMENTARY FRENCH II**

Second half of the introductory sequence in French which develops the 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: FRE101 or fulfillment of equivalent high school placement requirement. *Offered on: A-E-G / 3 cr. hrs.*

**FRE201: 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: FRE102 or fulfillment of equivalent high school placement requirement. *Offered on: A-E-G / 3 cr. hrs.*

**FRE202: 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: FRE201 or fulfillment of equivalent high school placement requirement. *Offered on: A-E-G / 3 cr. hrs.*

**FRE295: SPECIAL TOPICS: FRENCH**

Special and current topics in French may be available. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**FRE296: SPECIAL TOPICS HONORS: FRENCH**

Honors special topics in French may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

## GEOGRAPHY

### GEO101: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences and Other World Civilizations. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

### GEO102: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences and Other World Civilizations. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

### GEO103: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences and Other World Civilizations. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

### GEO295: SPECIAL TOPICS: GEOGRAPHY

Special and current topics in Geography may be available. See “Class Schedule Search” for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

### GEO296: SPECIAL TOPICS HONORS: GEOGRAPHY

Honors special topics in Geography may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See “Class Schedule Search” for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

## GERMAN

See the “Foreign Languages Placement Guidelines” chart on p. 233 to review appropriate course placement.

### GER101: ELEMENTARY GERMAN I

First half of the introductory sequence in German which develops the 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. This course 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 department chair. Note: Fulfills SUNY General Education Requirement for Foreign Language. (offered fall semester only) No prerequisite. Offered on: A-E-G / 3 cr. hrs.

### GER102: ELEMENTARY GERMAN II

Second half of introductory sequence in German which develops the 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. (offered spring semester only) Prerequisite: GER101 or fulfillment of equivalent high school placement requirement. Offered on: A-E-G / 3 cr. hrs.

### GER201: INTERMEDIATE GERMAN I

Continues study of structures of German with more intensive oral and writing practice. Cultural and literary selections are introduced. Required online workbook/lab manual course component. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: GER102 or fulfillment of equivalent high school placement requirement. Offered on: A-E / 3 cr. hrs.

### GER202: 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: GER201 or fulfillment of equivalent high school placement requirement. Offered on: A-E / 3 cr. hrs.

### GER295: SPECIAL TOPICS: GERMAN

Special and current topics in German may be available. See “Class Schedule Search” for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

### GER296: SPECIAL TOPICS HONORS: GERMAN

Honors special topics in German may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See “Class Schedule Search” for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

## GRAPHIC DESIGN

### GRD101: 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. (offered fall semester only) (1 hr. lecture, 4 hrs. studio) Corequisites: GRD102 and ART130. Offered on: E / 3 cr. hrs.

**GRD102: 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. (2 hr. lecture, 2 hrs. studio) Corequisites: GRD101 and ART130. *Offered on: E / 3 cr. hrs.*

**GRD103: 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. (*offered spring semester only*) (1 hr. lecture, 4 hrs. studio) Prerequisites: GRD101 and GRD102 or permission of Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*

**GRD105: DIGITAL DESIGN COLLEGE SEMINAR**

Introduces first-semester Computer Art and Graphic Design students with college survival skills for two distinctive degree programs. No prerequisite. *Offered on: E / 1 cr. hr.*

**GRD201: 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. (*offered fall semester only*) (1 hr. lecture, 4 hrs. studio) Prerequisites: ART130, GRD102 and GRD103. *Offered on: E / 3 cr. hrs.*

**GRD202: 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. (*offered spring semester only*) (1 hr. lecture, 4 hrs. studio) Prerequisite: GRD201 or permission of Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*

**GRD203: 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. (*offered fall semester only*) (1 hr. lecture, 4 hrs. studio) Prerequisite: ART130, GRD102 and GRD103. *Offered on: E / 3 cr. hrs.*

**GRD204: 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. (*offered spring semester only*) (1 hr. lecture, 4 hrs. studio) Prerequisite: GRD203 or permission of Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*

**GRD205: 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. (*offered spring semester only*) Prerequisite: GRD201 and GRD203. Corequisites: GRD202 and GRD204. *Offered on: E / 1 cr. hr.*

**GRD207: HISTORY OF GRAPHIC DESIGN**

Survey of history and technology used to make visual communication from prehistoric times to the present. Lectures, presentations, written research and studio projects introduce students to important creative designers and innovations that have shaped visual communication. Note: Fulfills SUNY General Education Requirement for The Arts. Prerequisite: ENG101. *Offered on: E / 3 cr. hrs.*

**HEALTH CAREERS****HSC101: 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. *Offered on: A-E-G / 3 cr. hrs.*

**HSC104: 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. Prerequisite: No prerequisite. May be substituted for DTE101 for students transferring into Dietetic Technician curriculum. *Offered on: A-E-G / 3 cr. hrs.*

### **HSC111: 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 biopsychosocial aspects of sexuality. Satisfies a liberal arts and sciences, social sciences or unrestricted elective requirement, but not as a mathematics/science elective requirement. Notes: (1) Credit given for either PSY247 or HSC111, but not both. (2) Fulfills SUNY General Education Requirement for Social Sciences. No prerequisite. Offered on: A-E / 3 cr. hrs.

### **HSC112: 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. Offered on: A-E-G / 3 cr. hrs.

### **HSC114: 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. Note: This course does not satisfy social sciences, humanities or liberal arts and sciences elective requirements. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

### **HSC126: 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. Note: All evening HSC126 sections require one full day SAT-URDAY CLASS, all summer HSC126 sections require one full FRIDAY CLASS, date to be announced first class meeting. (5 hrs. lecture, 5 hrs. laboratory, 24 hrs. clinical rotation) No prerequisite. Offered on: A-E-G / 7 cr. hrs.

### **HSC128: 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. No prerequisite. Offered on: A / 3 cr. hrs.

### **HSC295: SPECIAL TOPICS: HEALTH CAREERS**

Special and current topics in Health Careers may be available. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

## **HEALTH INFORMATION TECHNOLOGY/MEDICAL RECORDS**

### **HIT114: 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 it relates to data content, format and management. The National Health Information Infrastructure and the role of the Health Information Management professional will be presented. (offered fall semester only) Prerequisite: BIO138 and MED111. Offered on: G / 3 cr. hrs.

### **HIT117: 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. (offered fall semester only) Corequisite: HIT114. Offered on: G / 4 cr. hrs.

### **HIT119: 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 presented. (offered spring semester only) Prerequisite: HIT117. Offered on: G / 3 cr. hrs.

### **HIT220: 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. (offered fall semester only) Prerequisite: BIO138 and MED111. Offered on: G / 3 cr. hrs.

### **HIT226: REGULATORY ISSUES WITH 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. (offered spring semester only) Prerequisite: HIT114 with C grade or higher. Corequisite: MAT103. Offered on G / 3 cr. hrs.

**HIT235: 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 medical and practice exercises. *(offered fall semester only)* Corequisite: HIT220. *Offered on: G / 3 cr. hrs.*

**HIT236: ADVANCED CODING/CPT-4 AND REIMBURSE METHODOLOGIES**

Focuses on applying advanced coding techniques. Students are taught CPT-4 coding. Present forms of reimbursement and importance of new legislation emphasized. *(offered spring semester only)* Prerequisite: HIT235 with C grade or higher. *Offered on: G / 3 cr. hrs.*

**HIT238: 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 fieldwork. *(offered spring semester only)* (1.5 hrs. seminar, 4.5 hrs. clinical) Prerequisite: HIT235 with C grade or higher. *Offered on: G / 3 cr. hrs.*

**HIT240: 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 it relates to managing a health information management environment where the electronic health record is being developed. *(offered spring semester only)* Prerequisite: HIT235 with C grade or higher. *Offered on: G / 4 cr. hrs.*

**HIT295: SPECIAL TOPICS: HEALTH INFORMATION TECHNOLOGY/MEDICAL RECORDS**

Special and current topics in Health Information Technology/Medical Records may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**MED111: 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. No prerequisite. *Offered on: G / 3 cr. hrs.*

**HEATING, VENTILATION, AIR CONDITIONING AND REFRIGERATION (HVAC/R)****HVA111: 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. *(offered fall semester only)* (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: G / 3 cr. hrs.*

**HVA121: REFRIGERATION AND AIR CONDITIONING SYSTEMS**

Teaches fundamental knowledge of air conditioning and refrigeration theory. Develops job-entry knowledge for installing, operating, troubleshooting and repairing refrigeration and air conditioning systems. As part of this course, students will learn to solder, braze, flare, swage, leak test, install, evacuate, charge service and evaluate air conditioning and refrigeration systems. (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: G / 3 cr. hrs.*

**HVA122: ELECTRICITY FOR HVAC/R**

Teaches fundamental knowledge of electricity as it relates to the HVAC/R industry. Lecture topics include electrical and workplace safety, Ohm's law, voltage, current, resistance, power, series and parallel circuits, circuit protection devices, electric motors and starting components, relays and switches, and circuit/component troubleshooting. In the laboratory portion of the course, students will construct basic circuits, learn to use various pieces of electrical testing instrumentation and learn the basics of electrical circuit and component troubleshooting. (1 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: G / 2 cr. hrs.*

**HVA141: 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. (2 hrs. lecture, 4 hrs. laboratory) Prerequisite: HVA111, HVA121 and HVA122. *Offered on: G / 4 cr. hrs.*



### HVA222: 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. (2 hrs. lecture, 4 hrs. laboratory) Prerequisite: HVA121, HVA122 and HVA141. Offered on: G / 4 cr. hrs.

### HVA232: 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. (offered spring semester only) (3 hrs. lecture, 4 hrs. laboratory) Prerequisite: HVA121, HVA122 and HVA141. Offered on: G / 5 cr. hrs.

### HVA242: HVAC/R 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. (offered fall semester only) (3 hrs. lecture, 4 hrs. laboratory) Prerequisite: HVA141. Offered on: G / 5 cr. hrs.

### HVA252: 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 split-type 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; 2 hrs. laboratory) Prerequisite: HVA232 and MAT112. Offered on: G / 3 cr. hrs.

### HVA260: 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. Students enrolling in this course are automatically charged the liability insurance fee. (offered spring semester only) Prerequisite: Completion of minimum of 24 credit hours in HVA courses and minimum grade point average of 2.5, or written permission from Cooperative Education Coordinator and Chair / Academic Dean. Offered on: G / 3 cr. hrs.

## HISTORY

### HIS101: WESTERN CIVILIZATION I

Study of principal forces that have shaped European civilization from antiquity to 1715. Notes: (1) Credit given for either HIS101 or IND101, but not both. (2) Fulfills SUNY General Education Requirement for Social Sciences and Western Civilization. Prerequisite: RDG099 or ESL012 or equivalent. Offered on: A-E-G / 3 cr. hrs.

### HIS102: WESTERN CIVILIZATION II

Study of ideas, politics and economies that influenced European civilization since 1715. Notes: (1) Credit given for either HIS102 or IND102, but not both. (2) Fulfills SUNY General Education Requirement for Social Sciences and Western Civilization. Prerequisite: RDG099 or ESL012 or equivalent. Offered on: A-E-G / 3 cr. hrs.

### HIS103: 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. Notes: Fulfills SUNY General Education Requirement for Social Sciences and American History. Prerequisite: RDG099 or ESL012 or equivalent. Offered on: A-E-G / 3 cr. hrs.

### HIS104: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences and American History. Prerequisite: RDG099 or ESL012 or equivalent. Offered on: A-E-G / 3 cr. hrs.

### HIS105: 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. Note: Fulfills SUNY General Education Requirement for American History. No prerequisite. Offered on: A-E / 3 cr. hrs.

### HIS106: HISTORY OF LONG ISLAND

Major events, personalities and factors shaping development of Long Island from pre-Columbian 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. Note: Fulfills SUNY General Education Requirement for American History. No prerequisite. Offered on: A-E-G / 3 cr. hrs.



**HIS107: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences, Western Civilization and Other World Civilizations. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

**HIS110: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences, Western Civilization and Other World Civilizations. No prerequisite. Offered on: E / 3 cr. hrs.

**HIS118: 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. Note: Fulfills SUNY General Education Requirement for Other World Civilizations. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

**HIS119: 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. Note: Fulfills SUNY General Education Requirement for Other World Civilizations. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

**HIS120: 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. Note: Fulfills SUNY General Education Requirement for Other World Civilizations. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

**HIS201: MEDIEVAL EUROPE**

Medieval Europe focuses on the history of Western Europe from the breakup of the Roman Empire to the 15th century (476-1475). It emphasizes the rise of kings and kingdoms, intellectual and philosophical movements, the development of technology, the lasting influence of religious persons, beliefs, and movements, as well as the political, social, and environmental setbacks that factored heavily into medieval life. Emphasis is on both historiographical debate and historical development which led to the creation of Western Europe as a distinct cultural entity. Note: Fulfills SUNY General Education Requirement for Social Sciences and Western Civilization. Prerequisite: HIS101 or permission of Chair/Academic Dean. Offered on: A-E-G / 3 cr. hrs.

**HIS295: SPECIAL TOPICS: HISTORY**

Special and current topics in History may be available. See "Class Schedule Search" for a complete listing each term. Offered on A-E-G/ 3 cr. hrs.

**HIS296: SPECIAL TOPICS HONORS: HISTORY**

Honors special topics in History may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

**HOTEL AND RESORT MANAGEMENT****HRM105: 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. These diverse businesses 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. (offered fall semester only) No prerequisite. Offered on: E / 3 cr. hrs.

**HRM120: 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 will learn the intangible nature of hospitality products and the importance of positioning, targeting, and image development. (offered fall semester only) No prerequisite. Offered on: E / 3 cr. hrs.

**HRM205: 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. (offered fall semester only) Prerequisite: HRM105. Offered on: E / 3 cr. hrs.

### **HRM210: FRONT OFFICE MANAGEMENT AND HOUSEKEEPING**

Functions of front-office management and housekeeping as they are related to organization, control, and operation. Emphasis on registration, reservations, service, seasonal projections, ledger, billing, interior design, furnishings, purchasing, inventory, control, schedules, and sanitation. (*offered spring semester only*) Prerequisite: HRM105. *Offered on: E / 3 cr. hrs.*

### **HRM220: HOTEL SALES AND MEETING MANAGEMENT**

This course introduces the hospitality student to the important area of group businesses. Topics to be covered include corporate meeting planning, exposition sales and management, trade shows, the role of the hotel sales office, group marketing, convention services, and the role of intermediaries in sales and meeting management. (*offered spring semester only*) Prerequisite: HRM120. *Offered on: E / 3 cr. hrs.*

### **HRM240: HOTEL AND RESORT MANAGEMENT INTERNSHIP/COOPERATIVE EDUCATION**

Supervised on-the-job training in an establishment representative of the hospitality industry. Students work 150 hours in their placement, attend weekly on-campus seminar, and maintain a journal. Taken during the 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: CUL112, HRM105 and HRM210. *Offered on: E / 4 cr. hrs.*

### **HRM250: HOSPITALITY CAPSTONE COURSE**

The student will be required to develop a boutique hotel as a faculty-supervised project. The project will include a concept restaurant, a front-office reservation area, and a room-amenity package. The student's ability to integrate each area of learned understanding will be defined by the project and implemented by the student using written and oral assessment methods. (*offered spring semester only*) Prerequisite: CUL112, CUL113, CUL116, CUL132, HRM105, HRM120, HRM205, HRM210, and HRM240. *Offered on: E / 2 cr. hrs.*

## **HUMANITIES**

*See list on page 188 of other subjects which satisfy "Humanities Area" elective requirements.*

### **HUM111: 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. *Offered on: A-E-G / 3 cr. hrs.*

### **HUM114: 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. *Offered on: A-E-G / 3 cr. hrs.*

### **HUM116/WST116: 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. *Offered on: A-E-G / 3 cr. hrs.*

### **HUM120: EFFECTIVE THINKING: PROBLEM SOLVING, REASON 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. *Offered on: E / 3 cr. hrs.*

**HUM121: 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. *Offered on: A-E-G / 3 cr. hrs.*

**HUM122/WST122: 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. *Offered on: A / 3 cr. hrs.*

**HUM124/WST124: 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; woman's role as caretaker; alternative medicines and treatments. No prerequisite. *Offered on: A / 3 cr. hrs.*

**HUM130/WST130: 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 fieldwork, 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 Chair / Academic Dean. Recommended: minimum of 12 credit hours completed. *Offered on: A-E / 3 cr. hrs.*

**HUM149/WST149: WOMEN AND THE ARTS**

Interdisciplinary rotating course, its content varying from semester to semester. No prerequisite. *Offered on: A / 3 cr. hrs.*

**HUM218: LATINA/O LITERATURE**

This course focuses on works of modern Latina/o writers, including such authors as Oscar Hijuelos, María Irene Fornés and Nilo Cruz (Cuban-American), Julia de Burgos, Miguel Algarín, and Sandra María Esteves (Puerto Rican/Nuyorican), Gloria Anzaldúa and Luis Valdéz (Chicana/o), and Junot Díaz and Julia Alvarez (Dominican-American). Such themes as language, alienation, identity, exile and assimilation, prejudice, cultural and ethnic pride, religion, and family are explored. Notes: (1) Fulfills SUNY General Education Requirement for Humanities. (2) Credit given for either ENG218 or HUM218, but not both. Prerequisite: ENG101. *Offered on: G / 3 cr. hrs.*

**HUM249: AFRICAN ART AND CULTURE**

Course introducing 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. *Offered on: G / 3 cr. hrs.*

**HUM295: SPECIAL TOPICS: HUMANITIES**

Special and current topics in Humanities may be available. See "Class Schedule Search" for a complete listing each term. *Offered on A-E-G / 3 cr. hrs.*

**HUM296: SPECIAL TOPICS HONORS: HUMANITIES**

Honors special topics in Humanities may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**HUMAN SERVICES**

*Note: Enrollment in HUS201 and above is limited to students officially admitted to the Human Services Program.*

**HUS101: 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 science elective for students not enrolled in Human Services Program. (*offered day and evening in fall semester and evening in spring semester*) Note: Fulfills SUNY General Education Requirement for Social Sciences. No prerequisite. *Offered on: A-G / 3 cr. hrs.*

### **HUS103: 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. (*offered day and evening only in spring semester*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite or corequisite: HUS101 with grade of C or better. *Offered on: A / 3 cr. hrs.*

### **HUS201: HUMAN SERVICES SEMINAR AND FIELD PRACTICUM I**

Classroom study in seminar setting along with 140 hours of off-campus fieldwork. Students are placed in human service agency where they engage in intensive supervised work experience. Classroom work emphasizes discussions of field experiences and development of student's role as a human service 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. Fieldwork component is completed primarily during day hours. Enrollment requires permission of Chair / Academic Dean and submission of preplacement forms and essay. (*offered fall semester only*) (3 hrs. seminar, 8 hrs. laboratory totaling 140 field hrs.) Prerequisite: Admission to Human Services curriculum and grade of C or better in HUS101 and HUS103. Corequisite: HUS205. *Offered on: A / 5 cr. hrs.*

### **HUS205: THEORY AND METHODS OF HELPING IN THE HUMAN SERVICES**

Teaches process of assessment and helping as collaborative endeavor focusing on consideration of person's strengths and ecosystem variables. Particular attention paid to professional ethics and cultural competence in empowerment-based practice. (*offered online or days only in fall semester*) Prerequisite: grade of C or better in HUS101 and HUS103. Corequisite: HUS201. *Offered on: A / 3 cr. hrs.*

### **HUS211: HUMAN SERVICES SEMINAR AND FIELD PRACTICUM II**

Classroom study in seminar setting along with 180 hours of off-campus fieldwork. Students continue intensive supervised experience working at 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. Fieldwork component is completed primarily during day hours. (*offered spring semester only*) (3 hrs. seminar, 12 hrs. laboratory totaling 180 field hours) Prerequisite: HUS205 and HUS201 with grade of C or better. *Offered on: A / 6 cr. hrs.*

## **INTERDISCIPLINARY STUDIES**

### **IND101: 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. Notes: (1) Credit given for IND101 or HIS101, but not both. (2) Fulfills SUNY General Education Requirement for Western Civilization and Humanities. Prerequisite or corequisite: ENG101. *Offered on: A / 3 cr. hrs.*

### **IND102: 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 science course requirements. Notes: (1) Credit given for HIS102 or IND102, but not both. (2) Fulfills SUNY General Education Requirement for Western Civilization and Humanities. Prerequisite or corequisite: ENG101. *Offered on: A / 3 cr. hrs.*

### **IND123: 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. *Offered on: A / 3 cr. hrs.*

**IND295: SPECIAL TOPICS:  
INTERDISCIPLINARY STUDIES**

Special and current topics in Interdisciplinary Studies may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**IND296: SPECIAL TOPICS HONORS:  
INTERDISCIPLINARY STUDIES**

Honors special topics in Interdisciplinary Studies may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

## **INTERIOR DESIGN**

**INT101: 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. Note: Fulfills SUNY General Education Requirements for The Arts. (*offered fall semester only*) (1 hr. lecture, 4 hrs. studio) No prerequisite. *Offered on: E / 3 cr. hrs.*

**INT102: 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. (*offered fall semester only*) (2 hours lecture, 2 hours studio) No prerequisite. *Offered on: E / 3 cr. hrs.*

**INT103: INTERIOR DESIGN II**

Continuation of Interior Design I in which more complex design problems are approached and drafting 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. (*offered spring semester only*) (1 hr. lecture, 4 hrs. studio) Prerequisite: INT101 or permission of Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*

## **Interdisciplinary Studies – Interior Design**

**INT105: HISTORY OF INTERIORS AND  
ARCHITECTURE**

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. *Offered on: E / 3 cr. hrs.*

**INT107: 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. (*offered spring semester only*) (2 hrs. lecture, 2 hrs. studio) Prerequisite: INT101 or permission of Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*

**INT115: INTERIOR DESIGN CAREERS  
SEMINAR**

Interior Design Careers Seminar introduces first-year interior design students to career exploration with college survival skills needed to succeed in the College and the field of professional interior design. (*offered fall semester only*) No prerequisite. *Offered on: E / 1 cr. hr.*

**INT201: INTERIOR DESIGN III**

Residential projects of increasing levels of complexity and scope are used to enhance and expand design skills. Thumb-nail 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. (*offered fall semester only*) (6 hrs. studio) Prerequisite: INT103 or permission of Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*

**INT205: WORKING DRAWINGS**

Foundation course in developing a complete set of interior design 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. (*offered fall semester only*) (6 hrs. studio) Prerequisite INT103 or permission of Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*



## Interior Design – Italian

### INT208: 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 Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*

### INT220: 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. (*offered spring semester only*) (2 hrs. lecture, 4 hrs. studio) Prerequisite: INT205 or permission of Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*

### INT226: KITCHEN AND BATH DESIGN

This course provides an in-depth introduction to residential kitchen and bath design, with the goal 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. (*offered spring semester only*) (2 hrs. lecture, 2 hrs. studio) Prerequisite: INT103 or permission of Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*

### INT227: 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. (*offered spring semester only*) (2 hrs. lecture, 2 hrs. studio) Prerequisites: INT201 and INT205 or permission of Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*

### INT230: COOPERATIVE EDUCATION AND INTERNSHIPS FOR INTERIOR DESIGNERS

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. (*offered spring semester only*) (1 hour lecture and fieldwork) 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 Chair / Academic Dean. *Offered on: E / 3 cr. hrs.*

## ITALIAN

See the "Foreign Languages Placement Guidelines" chart on p. 233 to review appropriate course placement.

### ITL101: ELEMENTARY ITALIAN I

First half of the introductory sequence in Italian which develops the 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 course component. This course 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 department chair (see guidelines chart in the College Catalog under Foreign Languages.) Notes: (1) Credits given for either (a) ITL101 and /or ITL102 or (b) ITL113, but not for both options. (2) Fulfills SUNY General Education Requirement for Foreign Language. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

### ITL102: ELEMENTARY ITALIAN II

Second half of introductory sequence in Italian which develops the 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 course component. Notes: (1) Credits given for either (a) ITL101 and /or ITL102 or (b) ITL113, but not for both options. (2) Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: ITL101 or fulfillment of equivalent high school placement requirement. *Offered on: A-E-G / 3 cr. hrs.*

### ITL113: 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. ITL113 is for students with little or no knowledge of Italian. This course is not appropriate for native / fluent speakers of Italian - ITL201 recommended or see advisor. Notes: (1) May not be taken for credit after any other course in Italian. (2) Fulfills SUNY General Education Requirement for Foreign Language. No prerequisite. *Offered on: A-E-G / 6 cr. hrs.*



**ITL201: 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: ITL102 or fulfillment of equivalent high school placement requirement. *Offered on: A-E-G / 3 cr. hrs.*

**ITL202: INTERMEDIATE ITALIAN II**

Structural review focusing on oral and written communication. Introduces social, political and cultural aspects of Italian world through analysis of wide range of authentic literary and cultural selections. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: ITL201 or fulfillment of equivalent high school placement requirement. *Offered on: A-E-G / 3 cr. hrs.*

**ITL220: 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: ITL202 or fulfillment of equivalent high school placement requirements. *Offered on: A-G / 3 cr. hrs.*

**ITL221: 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. *Offered on: A-G / 3 cr. hrs.*

**ITL222: SURVEY OF MODERN 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. *Offered on: A-G / 3 cr. hrs.*

**ITL295: SPECIAL TOPICS: ITALIAN**

Special and current topics in Italian may be available. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**ITL296: SPECIAL TOPICS HONORS: ITALIAN**

Honors special topics in Italian may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**JAPANESE**

See the “Foreign Languages Placement Guidelines” chart on p. 233 to review appropriate course placement.

**JPN101: ELEMENTARY JAPANESE I**

First half of the introductory sequence in Japanese which develops the four language skills of listening, speaking, reading, and writing with emphasis on communicative proficiency. 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. No prerequisite. *Offered on: A / 3 cr. hrs.*

**JPN102: ELEMENTARY JAPANESE II**

Second half of the introductory sequence in Japanese which develops the four language skills of listening, speaking, reading, and writing with emphasis on communicative proficiency. Required online workbook/lab manual course component. Basic concepts of Japanese culture are introduced. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: JPN101 or fulfillment of equivalent high school placement requirement. *Offered on: A / 3 cr. hrs.*

**JPN201: INTERMEDIATE JAPANESE I**

The first course in the sequence of the intermediate courses in Japanese 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: JPN102 or fulfillment of high school placement requirement. *Offered on A / 3 cr. hrs.*

**JPN202: 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: JPN201 or fulfillment of high school placement requirement. *Offered on A / 3 cr. hrs.*

**JPN295: SPECIAL TOPICS: JAPANESE**

Special and current topics in Japanese may be available. See “Class Schedule Search” for a complete listing each term. *Offered on: A / 3-4 cr. hrs.*

**JPN296: SPECIAL TOPICS HONORS: JAPANESE**

Honors special topics in Japanese may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See “Class Schedule Search” for a complete listing each term. *Offered on: A / 3-4 cr. hrs.*

**JOURNALISM**

*Journalism courses satisfy English elective requirements.*

**ENG170: INTRODUCTION TO JOURNALISM**

Emphasis on various kinds of journalistic writing. Additional areas of concentration include graphics and design, photojournalism and broadcast journalism. Prerequisite or corequisite: ENG101. Offered on: A-E-G / 3 cr. hrs.

**ENG171: ADVANCED NEWSWRITING**

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) Prerequisite: ENG170. Offered on: A-E-G / 3 cr. hrs.

**ENG172: 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: ENG170. Offered on: A / 3 cr. hrs.

**ENG174: CONTEMPORARY NON-FICTION JOURNALISM**

Current books of non-fiction are read and discussed. Includes selections from books of 'New Journalism' as well as non-fiction 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. Prerequisite: ENG101. Offered on: A / 3 cr. hrs.

**ENG175: JOURNALISM PRACTICUM**

For students who work 30 contact hours per semester on student newspaper. Includes working on all phases of newspaper: editing, reporting, feature writing, photography, layout, advertising, and editorial 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 and ENG170 or permission of Chair / Academic Dean. Course restricted to journalism majors or newspaper staff members. Offered on: A-E-G / 3 cr. hrs.

**ENG200: 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 the topics of 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. Offered on: A / 3 cr. hrs.

**LATIN**

See the "Foreign Languages Placement Guidelines" chart on p. 233 to review appropriate course placement.

**LAT101: ELEMENTARY LATIN I**

First half of the introductory sequence in Latin which develops 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. No prerequisite. Offered on: A / 3 cr. hrs.

**LAT102: ELEMENTARY LATIN II**

Second half of the introductory sequence in Latin which continues development of sentence structure including noun forms and verb usages of tense, mood and voice. Attention given to influence of Latin on English vocabulary. Reading of authentic cultural, literary and historical materials. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: LAT101 or fulfillment of equivalent high school placement requirement. Offered on: A / 3 cr. hrs.

**LAT295: SPECIAL TOPICS: LATIN**

Special and current topics in Latin may be available. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

**LAT296: SPECIAL TOPICS HONORS: LATIN**

Honors special topics in Latin may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

**LIBRARY RESEARCH**

*Credit given for LIB101 or LIB103, but not both.*

**LIB101: INTRODUCTION TO COLLEGE RESEARCH**

This course provides students with fundamental skills for finding and using information. Through lectures, interactive discussions, demonstrations, and hands-on activities, students develop techniques for defining research topics, creating search strategies, gathering relevant sources from various formats, evaluating information, and using information ethically. Note: Can be used to fulfill College Seminar requirement. No prerequisites. Offered on: A-E-G / 1 cr. hr.

**LIB103: 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. Note: Can be used to fulfill College Seminar requirement. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

**MANUFACTURING TECHNOLOGY****MFT101: 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 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. (offered fall semester only) (2 hrs. lecture, 6 hrs. laboratory) Corequisite: MAT112. Offered on: G / 4 cr. hrs.

**MFT102: 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. (offered spring semester only) (3 hrs. lecture, 5 hrs. laboratory) Prerequisite: MFT101. Corequisite: MAT113. Offered on: G / 5 cr. hrs.

**MFT110: 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 and Tolerancing (GDandT) and how they are used in the manufacturing arena. (offered fall semester only) (1 hr. lecture, 3 hrs. laboratory) No prerequisite. Offered on: G / 2 cr. hrs.

**MFT150: 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. (offered fall semester only) (1 hr. lecture, 2 hrs. laboratory) No prerequisite. Offered on: G / 2 cr. hrs.

**MFT201: 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. (offered fall semester only) (2 hrs. lecture, 6 hrs. laboratory) Prerequisite: MFT102. Offered on: G / 4 cr. hrs.

**MFT202: 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. (offered spring semester only) (2 hrs. lecture, 6 hrs. laboratory) Prerequisite: MFT201. Offered on: G / 4 cr. hrs.

## Manufacturing Technology – Marine Biology

### MFT210: COMPUTER GRAPHICS

#### APPLICATION 1 (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. (*offered spring semester only*) (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: MFT110. *Offered on: G / 3 cr. hrs.*

### MFT211: 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. (*offered fall semester only*) (2 hrs. lecture, 3 hrs. laboratory) Prerequisites: MFT102 and MFT210. *Offered on: G / 3 cr. hrs.*

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### MFT230: 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. (*offered spring semester only*) (1 hr. lecture, 2 hrs. laboratory) Prerequisites: MFT101 and MFT110. *Offered on: G / 2 cr. hrs.*

### MFT240: MATERIALS OF INDUSTRY

This course covers the selection of materials for modern engineering and technology applications and the structure and properties of materials, starting with micro-structural control and extending to the effects of thermal and mechanical processing and the manufacture, types, heat treatment, testing, machinability, properties, and the removal of ferrous and nonferrous materials. The course introduces the processing of materials to obtain desired changes in their physical properties, the nondestructive and destructive testing of materials, the machinability of materials, and the required knowledge of the metal to be cut, including how the cutting tool, the material, and the material's shape will perform under various machining conditions. (*offered fall semester only*) (1.5 hrs. lecture, 1.5 hrs. laboratory) Prerequisites: MAT113, PHY112. *Offered on: G / 2 cr. hrs.*

### MFT250: 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. (*offered spring semester only*) (2 hrs. lecture, 3 hrs. laboratory) Prerequisites: MFT240, PHY112. *Offered on: G / 3 cr. hrs.*

## MARINE BIOLOGY

### MAR105: 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) Note: Fulfills SUNY General Education Requirement for Natural Sciences. Prerequisite: MAT007 or equivalent. *Offered on: A-E-G / 4 cr. hrs.*

### MAR111: 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 is also emphasized. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. *Offered on: A-E-G / 4 cr. hrs.*

**MAR121: 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 MAR111 (Marine Biology) or MAR105 (Oceanography). This course requires a series of off-site classes to be held outside thus students should consider their ability to complete fieldwork 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). Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. Offered on: A / 4 cr. hrs.

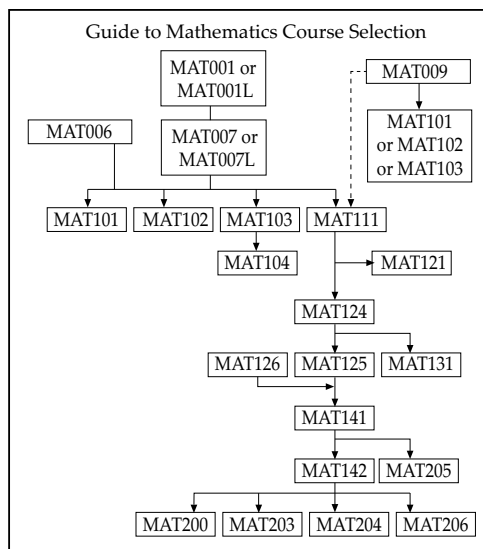
**MATHEMATICS**
**Tutoring**

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 (Michael J. Grant Campus, Sagtikos 120 and HSE Building 129). Students can use any of the tutoring services regardless of the campus they take their coursework.

**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 or MAT009 after they pass MAT001 in order to complete the developmental sequence. Students who place into MAT006 are strongly encouraged to take the one semester (5 credit) course. However, students can meet the requirement by taking MAT001 followed by MAT007 or MAT009. Following the completion of MAT006, MAT007 or MAT009, 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. The dotted line indicates that students can move from MAT009 to MAT111 with permission of the Academic Chair.


**MAT001: 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 then must also pass MAT007 before enrolling in a college-level mathematics course. No prerequisite. Offered on: A-E-G / 3 hrs.

**MAT001L: DEVELOPMENTAL MATHEMATICS SKILLS LABORATORY**

Provides an opportunity to receive recognition for MAT001 and/or MAT007 in computer-enhanced non-traditional setting. Through a combination of computer-based lessons, collaborative learning and group instruction, students progress at their own pace to learn required materials for the course in which they are enrolled. Students beginning with MAT001L can seamlessly move into MAT007L and receive recognition for highest course completed during the semester. If objectives of course are not completed within the semester, students may register for MAT001L/MAT007L the following semester and continue from the level previously reached. MAT001L/MAT007L do not fulfill requirements for any degree or certificate. Graded on an S-R-U-W basis. No prerequisite. Offered on: A-E-G / 4 hrs.



## Mathematics

### **MAT006: 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. Prerequisite: MAT001 or placement. *Offered on: A-E-G / 5 hrs.*

### **MAT007: 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. Prerequisite: MAT001 or placement. *Offered on: A-E-G / 4 hrs.*

### **MAT007L: ALGEBRA I LABORATORY**

Provides an opportunity to receive recognition for MAT007 in computer-enhanced non-traditional setting. Through a combination of computer-based lessons, collaborative learning and group instruction, students progress at their own pace to learn required materials for the course in which they are enrolled. If objectives of course are not completed within the semester, students may register again the following semester and continue from the level previously reached. MAT007L does not fulfill requirements for any degree or certificate. Graded on an S-R-U-W basis. Prerequisite: MAT001 or placement. *Offered on: A-E-G / 4 cr. hrs.*

### **MAT009: MATHEMATICAL LITERACY**

This course integrates fluency with numbers, proportional reasoning, data interpretation, probability, algebraic reasoning, graphing lines, modeling, and communicating quantitative information. Mathematical concepts are investigated through group problem-solving, individual research, and class discussions in the context of real-life topics such as, personal finances, population growth and density, government, economics, and health related statistics. This course prepares students to take a college-level non-algebraic course in mathematics, such as MAT101, MAT102, or MAT103. Students placing at this level and needing MAT111 should take MAT007 or MAT006 instead of this course. Graded on an SA-SB-SC-R-U-W basis. Does not fulfill requirements for any degree or certificate. Prerequisite: MAT001 or placement, and RDG098. *Offered on: A-E-G / 4 cr. hrs.*

### **MAT101: A 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. Notes: (1) Credit given for MAT101 or MAT107, but not both. (2) Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: MAT006 or MAT007 or equivalent. *Offered on: A-E-G / 3 cr. hrs.*

### **MAT102: A 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. Notes: (1) Credit given for MAT102 or MAT108, but not both. (2) Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: MAT006 or MAT007 or equivalent. *Offered on: A-E-G / 3 cr. hrs.*

### **MAT103: 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. Note: Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: MAT006 or MAT007 or equivalent. *Offered on: A-E-G / 3 cr. hrs.*

### **MAT104: 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. *Offered on: A-E-G / 3 cr. hrs.*

### **MAT106: MATHEMATICS FOR HEALTH SCIENCE**

For students pursuing nursing, veterinary science technology and other health sciences degrees. Includes review of basic concepts such as proportions, exponents, and 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. *Offered on: G / 3 cr. hrs.*



**MAT107: 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. Note: Credit given for MAT107 or MAT101, but not both. Prerequisite: MAT006 or MAT007 or equivalent. *Offered on: A-E-G / 4 cr. hrs.*

**MAT108: 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. Note: Credit given for MAT108 or MAT102, but not both. Prerequisite: MAT006 or MAT007 or equivalent. *Offered on: A-G / 3 cr. hrs.*

**MAT111: 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. Note: Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: MAT006 or MAT007 or equivalent. *Offered on: A-E-G / 4 cr. hrs.*

**MAT111L: 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. Note: Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: MAT006 or MAT007 or equivalent. *Offered on: A-E-G / 4 cr. hrs.*

**MAT112: 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. *Offered on: A-G / 4 cr. hrs.*

**MAT113: 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. *Offered on: A-G / 4 cr. hrs.*

**MAT115: MATHEMATICS: A 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. *Offered on: A-E-G / 4 cr. hrs.*

**MAT116: MATHEMATICAL PROBLEM SOLVING**

This course is for motivated honors 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). Note: Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: B or higher in MAT111 and B+ or higher in ENG101. *Offered on: A / 4 cr. hrs.*

**MAT121: 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. Note: Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: MAT111 or equivalent. *Offered on: A-E-G / 3 cr. hrs.*

**MAT124: 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. Notes: (1) Credit given for MAT124 or MAT126, but not both. Successful completion of both MAT124 and MAT125 is equivalent to MAT126 completion. (2) Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: C or better in MAT111 or successful completion of three years of college preparatory mathematics. *Offered on: A-E-G / 4 cr. hrs.*

## Mathematics

### **MAT125: 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. Notes: (1) Credit given for MAT125 or MAT126, but not both. Successful completion of both MAT124 and MAT125 is equivalent to MAT126 completion. (2) Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: C or better in MAT124 or equivalent. *Offered on: A-E-G / 4 cr. hrs.*

### **MAT126: 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. Notes: (1) 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. (2) Fulfills SUNY General Education Requirement for Mathematics. (5 contact hrs.) Prerequisite: MAT112 or MAT113 or 80 or higher on the high school Algebra 2 / Trigonometry Regents Exam. *Offered on: A-E-G / 4 cr. hrs.*

### **MAT131: 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. Notes: (1) Credit given for MAT131 or MAT141, but not both. (2) Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: MAT124 or equivalent. *Offered on: A-E-G / 4 cr. hrs.*

### **MAT141: 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. Notes: (1) Credit given for MAT141 or MAT131, but not both. (2) Fulfills SUNY General Education Requirement for Mathematics. (5 contact hrs.) Prerequisite: C or better in MAT125 or MAT126. *Offered on: A-E-G / 4 cr. hrs.*

### **MAT142: CALCULUS WITH ANALYTIC GEOMETRY II**

Techniques of integration; trapezoidal rule and Simpson's rule; application of integration; polar coordinates; indeterminate forms; L'Hopital's rule; improper integrals; Taylor's formula and infinite series. Note: Fulfills SUNY General Education Requirement for Mathematics. (5 contact hrs.) Prerequisite: C or better in MAT141. *Offered on: A-E-G / 4 cr. hrs.*

### **MAT200: LOGIC, LANGUAGE 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. Note: Fulfills SUNY General Education Requirement for Mathematics. (*offered fall semester only*) Prerequisite: C or better in MAT142. *Offered on: A / 3 cr. hrs.*

### **MAT203: 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. Note: Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: C or better in MAT142. *Offered on: A-E-G / 4 cr. hrs.*

### **MAT204: 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. Note: Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: C or better in MAT142. *Offered on: A-E-G / 4 cr. hrs.*

### **MAT205: 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. Note: Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: C or better in MAT141. *Offered on: A-G / 4 cr. hrs.*

### **MAT206: 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. Note: Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: C or better in MAT142. *Offered on: A-E-G / 4 cr. hrs.*

### **MAT295: SPECIAL TOPICS: MATHEMATICS**

Special and current topics in Mathematics may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**MAT296: SPECIAL TOPICS HONORS: MATHEMATICS**

Honors special topics in Mathematics may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**METEOROLOGY****MET101: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. *Offered on: A-E-G / 4 cr. hrs.*

**MET102: 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. *Offered on: A-E / 4 cr. hrs.*

**MET103: 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 discussed. Prerequisite: MAT007 or equivalent. *Offered on: A / 3 cr. hrs.*

**MET295: SPECIAL TOPICS: METEOROLOGY**

Special and current topics in Meteorology may be available. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**MET296: SPECIAL TOPICS HONORS: METEOROLOGY**

Honors special topics in Meteorology may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**MUSIC**

*The following courses are restricted to Music majors and cannot be used as a humanities or liberal arts elective in any degree program: MUS122, MUS123, MUS124, MUS125, MUS126, MUS127, MUS128, MUS129, MUS203, MUS204, MUS205, MUS208, MUS209, and MUS211.*

**MUS101: 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. Note: Fulfills SUNY General Education Requirement for Humanities and The Arts. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**MUS103: THE HISTORY OF ROCK AND ROLL**

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. Note: Fulfills SUNY General Education Requirement for The Arts. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**MUS105: 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. Note: Fulfills SUNY General Education Requirement for The Arts. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**MUS111: 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. (3 hrs. lecture) No prerequisite. *Offered on: A-G / 2 cr. hrs.*

**MUS113: FRET-BOARD 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. *Offered on: A-E-G / 3 cr. hrs.*

## Music

### **MUS115: COLLEGE SEMINAR FOR MUSIC MAJORS**

The course facilitates students' transition to and success in Suffolk County Community College's music program. 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, and performance. Students are expected to enroll in this class in their first semester in the music program. Note: Fulfills College Seminar requirement for students in Music A.S. degree. No prerequisite. Offered on: A / 1 cr. hr.

### **MUS117: 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. Note: Fulfills SUNY General Education Requirement for The Arts. No prerequisite. Offered on: A-G / 3 cr. hrs.

### **MUS121: 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). No prerequisite. Offered on: A / 3 cr. hrs.

### **MUS122: MUSIC THEORY I (DIATONICISM)**

For students seeking a thorough understanding of music theory. Emphasis on all scales, meters, intervals, chords, and their inversion. Study of species counterpoint. Introduction to four-part writing with figured bass. Note: Fulfills SUNY General Education Requirement for The Arts. Prerequisite: The grade of "C" or better in MUS121: Basic Musicianship or Successful Completion of the Music Entrance Exam. Corequisites: MUS123 and MUS124. Offered on: A / 3 cr. hrs.

### **MUS123: 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. Note: Fulfills SUNY General Education Requirement for The Arts. (1 hr. lecture, 2 hrs. laboratory) Prerequisite: The grade of "C" or better in MUS121: Basic Musicianship or Successful Completion of the Music Entrance Exam. Corequisites: MUS122 and MUS124. Offered on: A / 2 cr. hrs.

### **MUS124: 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. (3 hrs. lecture) Corequisites: MUS122 and MUS123. Offered on: A / 2 cr. hrs.

### **MUS125: 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. Applied Music fee. Prerequisite: Successful completion of a performance audition of a piece/étude on instrument or voice. Offered on: A / 1 cr. hr.

### **MUS126: MUSIC THEORY II (DIATONICISM CONTINUED)**

In-depth study of four-part writing utilizing seventh chords, secondary dominants, leading tone dominants and their resolutions. Also includes modulation, non-harmonic tones and cadences. Creation of a four-part musical phrase from a given melody or bass line. Analysis of examples from repertoire. (offered spring and summer only) Prerequisite: C or better in MUS122 and MUS123. Corequisite: MUS127 and MUS128. Offered on: A / 3 cr. hrs.

**MUS127: AURAL SKILLS II**

Continuation of eartraining and sightsinging 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. (*offered spring and summer only*) (1 hr. lecture, 2 hrs. laboratory) Prerequisite: C or better in MUS122, MUS123, MUS124. Corequisite: MUS126 and MUS128. *Offered on: A / 2 cr. hrs.*

**MUS128: PIANO II**

Continuation of MUS124 which concentrates on performance of easy, well-known selections and piano techniques. Pianos available for additional practice. (*offered spring and summer only*) Prerequisite: C or better in MUS122, MUS123 and MUS124. (3 hrs. lecture) Corequisites: MUS126 and MUS127. *Offered on: A / 2 cr. hrs.*

**MUS129: 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. Applied Music fee. (*offered spring and summer only*) Prerequisite: MUS125 and successful completion of Jury Examination I. *Offered on: A / 1 cr. hr.*

**MUS131: GUITAR ENSEMBLE**

Open to all music-reading guitarists. 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. Note: Fulfills SUNY General Education Requirement for The Arts. (3 hrs. lecture) Prerequisite: MUS113 and permission of Chair/Academic Dean. *Offered on: A / 2 cr. hrs.*

**MUS132: 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. Notes: (1) Since some musical works require specific instrumentation, certain instruments may not be needed in a particular term. (2) Fulfills SUNY General Education Requirement for The Arts. (3 hrs. lecture) 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 Chair/Academic Dean. *Offered on: A-G / 2 cr. hrs.*

**MUS133: SYMPHONIC BAND**

Open to all instrumentalists. Performances are part of class and attendance is mandatory. May be taken without credit (audit basis) with permission of Chair/Academic Dean. May be taken for credit for more than two semesters. Note: Fulfills SUNY General Education Requirement for The Arts. (3 hrs. lecture) No prerequisite. *Offered on: A / 2 cr. hrs.*

**MUS134: JAZZ ENSEMBLE**

Available to student instrumentalists and singers who wish to broaden their performing experience in the jazz and pop music idiom. Emphasis placed on technical and musical skills for sectional and improvisational playing. Participation may include off-campus performances. Note: Fulfills SUNY General Education Requirement for The Arts. (3 hrs. lecture) Prerequisite: Must be able to read music. General audition required. Corequisite: MUS133 (Symphonic Band) for all students except guitar and piano players. *Offered on: A / 2 cr. hrs.*

**MUS135: 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. Note: Fulfills SUNY General Education Requirement for The Arts. (3 hrs. lecture) Prerequisite: Ability to match pitch. *Offered on: A-E-G / 2 cr. hrs.*

**MUS136: 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. (3 hrs. lecture) Prerequisite: audition. Corequisite: MUS135. May be taken for more than two semesters. *Offered on: A / 2 cr. hrs.*

**MUS138: 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. (3 hrs. lecture) Prerequisite: C or better in MUS122 or permission of Chair/Academic Dean. *Offered on: A / 2 cr. hrs.*



## Music

### **MUS203: MUSIC THEORY III (FORM AND ANALYSIS)**

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. (*offered fall semester only*) Prerequisite: C or better in MUS126, MUS127, MUS128. Corequisite: MUS204. *Offered on: A / 3 cr. hrs.*

### **MUS204: AURAL SKILLS III**

Continuation of eartraining and sightsinging 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. (*offered fall semester only*) (1 hr. lecture, 2 hrs. laboratory) Prerequisite: C or better in MUS126, MUS127, and MUS128. Corequisite: MUS203. *Offered on: A / 2 cr. hrs.*

### **MUS205: 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. Applied Music fee. (*offered fall semester only*) Prerequisite: MUS129 and successful completion of Jury Examination II. *Offered on: A / 1 cr. hr.*

### **MUS206: 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. Note: Fulfills SUNY General Education Requirement for Humanities and The Arts. (*offered fall semester only*) Prerequisite: MUS117 or equivalent, or permission of Chair / Academic Dean. *Offered on: A / 3 cr. hrs.*

### **MUS208: MUSIC THEORY IV (FORM AND ANALYSIS)**

Continuation of chromatic harmony from Music Theory III (MUS203). Analysis of strophic, binary, ternary, compound ternary, fugal, sonata allegro, rondo forms and variation techniques. Analysis of examples from repertoire. (*offered spring semester only*) Prerequisite: C or better in MUS203 and MUS204. Corequisite: MUS209. *Offered on: A / 3 cr. hrs.*

### **MUS209: AURAL SKILLS IV**

Continuation of eartraining and sightsinging 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 sightsinging and dictation of atonal melodies, and with atonal harmonies utilizing pitch-sets. Parallels theoretical concepts covered in MUS208: Music Theory IV. (*offered spring semester only*) (1 hr. lecture, 2 hrs. laboratory) Prerequisite: C or better in MUS203 and MUS204. Corequisite: MUS208. *Offered on: A / 2 cr. hrs.*

### **MUS210: 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. Note: Fulfills SUNY General Education Requirement for Humanities and The Arts. (*offered spring semester only*) Prerequisite: MUS206. *Offered on: A / 3 cr. hrs.*

### **MUS211: 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. Applied Music fee. (*offered spring semester only*) Prerequisite: MUS205 and successful completion of Jury Examination III. *Offered on: A / 1 cr. hr.*

### **MUS295: SPECIAL TOPICS: MUSIC**

Special and current topics in Music may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

### **MUS296: SPECIAL TOPICS HONORS: MUSIC**

Honors special topics in Music may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

## 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: FUNDAMENTALS OF NURSING**

Focuses on foundational knowledge, skills, and attitudes required for the safe practice of nursing. Includes concepts in the nursing process, patient and 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. Also includes essential interview and psychomotor skills of health assessment. 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, 3 hrs. laboratory, 6 hrs. clinical) Corequisites for Day Program: BIO130, ENG101, PSY101. Prerequisite for Evening Program: BIO130, BIO132, ENG101, PSY101. Corequisite for Day and Evening Programs: NUR116. *Offered on: A-G / 7.5 cr. hrs.*

### **NUR103: DOSAGE CALCULATIONS 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 Chair/Academic Dean. *Offered on: A-G / 2 cr. hrs.*

### **NUR116: 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. *Offered on: A-G / 1 cr. hr.*

### **NUR124: LPN TO RN ADVANCED PLACEMENT**

Facilitates transition from licensed practical nursing to registered student nurse role. 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. Also includes essential interview and psychomotor skills of health assessment, concepts of time management, values clarification, and use of library resources/information technology. 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, 3 hrs. laboratory, 3 hrs. clinical) Prerequisite: BIO130, BIO132, ENG101, PSY101. Corequisite: ENG102. *Offered on: A-G / 7.5 cr. hrs.*

### **NUR133: 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. laboratory, 4.5 hrs. clinical) Prerequisite for Day and Evening Programs: NUR101 and NUR116. Corequisites for Day Program: BIO132, ENG102 and NUR136. Corequisites for Evening Program: HIS103. *Offered on: A-G / 5 cr. hrs.*

### **NUR136: 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 hrs. lecture, 4.5 hrs. clinical) Prerequisite for Day Program: NUR101 and NUR116. Prerequisite for Evening Program: NUR101, NUR116, BIO132. Corequisites for Day Program: BIO132, ENG102, and NUR133. Corequisite for Evening Program: ENG102. *Offered on: A-G / 3.5 cr. hrs.*

## Nursing – Occupational Therapy Assistant

### **NUR240: 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) Prerequisite: NUR133 and NUR136. Corequisites: HIS101 or HIS102 or IND101 or IND102 and PHL211. *Offered on: A-G / 8 cr. hrs.*

### **NUR246: 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, 3.5 hrs. clinical) Prerequisite: NUR133 and NUR136. Corequisites for Day Program: BIO244, HIS103 or HIS104, MAT103, NUR248. Corequisite for Evening Program: MAT103. *Offered on: A-G / 3.5 cr. hrs.*

### **NUR248: 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, 3 hrs. clinical) Prerequisite: NUR24 or NUR133 and NUR136. Corequisites for Day Program: BIO244, HIS103 or HIS104, MAT103, NUR246. Corequisite for Evening Program: BIO244. *Offered on: A-G / 3.5 cr. hrs.*

### **NUR275: 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. No prerequisite. Offered on: A-G / 1 cr. hr.

## **OCCUPATIONAL THERAPY ASSISTANT**

*Enrollment in OTA courses is limited to students formally admitted to the Occupational Therapy Assistant program.*

### **OTA100: SEMINAR FOR OCCUPATIONAL THERAPY ASSISTANT STUDENTS**

This course prepares occupational therapy assistant students for successful completion of the OTA program by introducing library skills; study, note-taking and test-taking strategies; time and stress management; group process; and critical thinking and connecting evidence-based practice and cultural competency with OT practice. (*offered fall semester only*) Minimum grade of C is required to advance to next course. Corequisite: OTA101 and OTA102. *Offered on: G / 1 cr. hr.*

### **OTA101: INTRODUCTION TO OCCUPATIONAL THERAPY AND LIFESPAN OCCUPATIONS**

In this course, students study the history, philosophy, ethics, theories, practice areas and function of occupational therapy and its place in contemporary health care service delivery. Normal physical, cognitive, and social development throughout the lifespan and within cultural context will be presented, as well as how occupation affects and is affected by development. Coursework introduces the concepts of occupation and communication skills. Activity analysis and principles of occupation-based intervention and occupational therapy media are practiced in laboratory sessions. This course includes 24 hours of Level I fieldwork. 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, 1 hr. fieldwork) Minimum grade of C is required to advance to next course. Corequisite: OTA100 and OTA102. *Offered on: G / 3 cr. hrs.*

### **OTA102: CLINICAL CONDITIONS AND TERMINOLOGY**

This course considers etiology, pathology, and clinical manifestations of conditions commonly referred for occupational therapy treatment. It also examines effects of disease and illness with respect to occupational performance. Medical terminology introduced, along with safety procedures and precautions. (*offered fall semester only*) Minimum grade of C is required to advance to next course. Corequisite: OTA100 and OTA101. *Offered on: G / 3 cr. hrs.*

**OTA118: OCCUPATIONAL THERAPY IN PEDIATRIC PRACTICE**

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 24 hours of 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, 1 hr. fieldwork) Minimum grade of C is required to advance to next course. Prerequisite: C or higher in OTA100, OTA101 and OTA102. Corequisite: OTA121 and OTA200. *Offered on: G / 4 cr. hrs.*

**OTA121: OCCUPATIONAL THERAPY IN ADULT PRACTICE**

This course teaches frames of reference, assessment/evaluation tools, standardized and non-standardized assessments, home assessment, intervention strategies and integrates occupational therapy theory and management of physical, cognitive, and psychosocial conditions including wellness for individuals from late adolescence to middle adulthood. The course emphasizes collaboration strategies to work effectively as part of rehabilitation team. Concepts of motor learning, physical agent modalities, and introduction to splinting are emphasized. Registration in this course requires that students purchase liability insurance as specified by OTA program. (*offered spring semester only*) Minimum grade of C is required to advance to next course. Prerequisite: C or higher in OTA100, OTA101 and OTA102. Corequisite: OTA118 and OTA200. *Offered on: G / 3 cr. hrs.*

**OTA200: KINESIOLOGY FOR THE OCCUPATIONAL THERAPY ASSISTANT**

This course prepares the student for therapeutic skill development by providing foundations in kinesiology, biomechanics, muscle flexibility, muscle strength, motor learning, and physical agent modalities. The course emphasizes functional anatomy as it relates to posture and human motion in context. Mechanisms of motor control are explored. Students demonstrate competency in practical skills including goniometry, measurement of functional ROM, manual muscle testing, vision, transfers, and bed mobility. (*offered spring semester only*) (2 hrs. lecture, 3 hrs. laboratory) Minimum grade of C is required to advance to next course. Prerequisite: C or higher in OTA100, OTA101 and OTA102. Corequisite: OTA118 and OTA121. *Offered on: G / 3 cr. hrs.*

**OTA201: OCCUPATIONAL THERAPY IN OLDER ADULT PRACTICE**

This course examines the occupational therapy processes for the physical, psychosocial, and developmental conditions commonly referred for occupational therapy services for individuals from middle to older adulthood. The course also teaches frames of reference, assessment/evaluation tools, and intervention strategies specific to occupational therapy process for geriatric clients. This course includes a 24 hour Level I fieldwork experience. Registration in this course requires that students purchase liability insurance as specified by the OTA program. (*offered fall semester only*) (2 hrs. lecture, 3 hrs. laboratory, 1 hr. fieldwork) Minimum grade of C is required to advance to next course. Prerequisite: C or higher in OTA118, OTA121 and OTA200. Corequisite: OTA202 and OTA203. *Offered on: G / 4 cr. hrs.*

**OTA202: THE MANAGEMENT ROLE OF 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*) Minimum grade of C is required to advance to next course. Prerequisite: C or higher in OTA118, OTA121 and OTA200. Corequisite: OTA201 and OTA203. *Offered on: G / 2 cr. hrs.*

**OTA203: OCCUPATIONAL THERAPY TREATMENT PLANNING AND DOCUMENTATION**

This course is designed to be a second-year, second semester course preparing students directly for Level II Fieldwork. Treatment planning is emphasized specific to age group, diagnoses and on an individual, case-study basis. Students will learn to document patient progress according to reimbursement and insurance practices. Students will utilize the electronic health record and other means to communicate with health care professionals and health care providers. Student learning aligns with expectations of performance while on Level II Fieldwork related to treatment planning and documentation. (*offered fall semester only*) Minimum grade of C is required to advance to next course. Prerequisite: C or higher in OTA118, OTA121 and OTA200. Corequisite: OTA201 and OTA202. *Offered on: G / 3 cr. hrs.*

### OTA211: CLINICAL PRACTICE I

Early-end, first of two supervised fieldwork placements. The placement is to be in a clinical setting where occupational therapy services are provided. Working under the supervision of qualified occupational therapists or occupational therapy assistants, students are expected to apply knowledge from course work and previous clinical experiences while implementing treatment programs. Students are expected to attend the setting on a full-time basis (approx. 35-40 hrs./week) with a 2-hr./week seminar. Seminar provides opportunities for students to discuss their overall clinical experience, and collaborate on treatment planning and student role performance. 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) Minimum grade of C required to advance to OTA212. Prerequisites: C or higher in OTA201, OTA202, OTA203. Corequisite: OTA212. *Offered on: G / 6 cr. hrs.*

### OTA212: CLINICAL PRACTICE II

Late-start, second and final supervised fieldwork. The placement is to be in a clinical setting dealing with a practice environment different from students' experience in OTA211. Working under the supervision of qualified occupational therapists or occupational therapy assistants, students are expected to apply knowledge from course work and previous clinical practicum while implementing treatment programs. Students are expected to attend the setting on a full-time basis (approx. 35-40 hrs./week) with a 2-hr./week seminar. Seminar provides opportunities for students to discuss their clinical experience, and prepare for the national NBCOT Exam and future employment. 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.) Minimum grade of C required. Prerequisites: C or higher in OTA201, OTA202, OTA203. Corequisite: OTA211. *Offered on: G / 6 cr. hrs.*

### OTA295: SPECIAL TOPICS: OCCUPATIONAL THERAPY ASSISTANT

Special and current topics in Occupational Therapy may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

## OFFICE TECHNOLOGIES

### OFT101: BASIC KEYBOARDING

Introduces and develops basic keyboarding skills. Especially useful for students who desire keyboarding skills for use with microcomputers. (2 hrs. laboratory) Note: Credit given for OFT101 only if credit is not for the following courses: OFT102, OFT103 or equivalents. No prerequisite. *Offered on: A-E-G / 1 cr. hr.*

### OFT102: KEYBOARDING AND DOCUMENTATION PREP 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. *Offered on: A-E-G / 3 cr. hrs.*

### OFT103: KEYBOARDING AND DOCUMENTATION PREP 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. *Offered on: A-E-G / 3 cr. hrs.*

### OFT295: SPECIAL TOPICS: OFFICE TECHNOLOGIES

Special and current topics in Office Technologies may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*



## PARAMEDIC

### PAR101: PARAMEDIC I

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, biotransformation 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 appropriate pre-hospital management modalities. Topics include twelve-lead ECG interpretations, pharmacotherapy, defibrillation, cardioversion, and pathophysiology of more common cardiovascular diseases. Also, students 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. (*offered fall semester only*) (12 hrs. lecture, 4.5 hrs. laboratory) Prerequisites: 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 students 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. *Offered on: A / 13 cr. hrs.*

### PAR102: PARAMEDIC II

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. (*offered spring semester only*) (12 hrs. lecture, 4.5 hours laboratory) Prerequisites: 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. *Offered on: A / 13 cr. hrs.*

### PAR103: PARAMEDIC OPERATIONS III

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 exams. 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. (*offered summer semester only*) (2.5 hrs. lecture, 0.5 hr. laboratory) Prerequisites: Students must be accepted into the Paramedic Program, PAR101 and PAR102 with a grade of C+ or better, EMT Basic Certification. *Offered on: A / 3 cr. hrs.*

### PAR201: PARAMEDIC CLINICAL I

This clinical course is designed to accompany the Paramedic I (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 (*offered fall semester only*) (272 clinical hrs. 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. *Offered on: A / 3.5 cr. hrs.*

### PAR202: PARAMEDIC CLINICAL II

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. Registration in this course requires that students purchase liability insurance through the College. Clinical rotations include Emergency Department and Ambulance Field Internship. (*offered wintersetion only*) (72 clinical hrs. for the semester). Prerequisites: Students must be accepted into the Paramedic Program. PAR101 and PAR201 with a grade of C or better. EMT Basic Certification. *Offered on: A / 1 cr. hr.*

## Paramedic – Philosophy

### PAR203: PARAMEDIC CLINICAL III

This clinical course continues the paramedic students' 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 (offered spring semester only) (258 clinical hrs. for the semester). Registration in this course requires that students purchase liability insurance through the College. Prerequisites: Students must be accepted into the Paramedic Program. PAR101 and PAR 202 with a grade of C+ or better. EMT Basic Certification. Corequisites: PAR102. Offered on: A / 3.5 cr. hrs.

## PHILOSOPHY

### PHL101: 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

### PHL104: 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

### PHL105: 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

### PHL107: ETHICS

Study of traditional and contemporary moral theories, along with consideration of some contemporary moral problems, designed to help develop student's ability to assess moral judgments. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

### PHL111: WORLD PHILOSOPHY

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 of human vision? Note: Fulfills SUNY General Education Requirement for Other World Civilizations and Humanities. No prerequisite. Offered on: A-G / 3 cr. hrs.

### PHL112: 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. Offered on: A / 3 cr. hrs.

### PHL113: 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. Offered on: A / 3 cr. hrs.

### PHL149: 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. Offered on: A / 3 cr. hrs.

### PHL201: 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. Note: Fulfills SUNY General Education Requirement for Humanities. (offered fall semester only) No prerequisite. Offered on: A-E-G / 3 cr. hrs.

**PHL202: 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. Prior background in philosophy not necessary. Note: Fulfills SUNY General Education Requirement for Humanities. (*offered spring semester only*) No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**PHL211: 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**PHL212: 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 a wave of the future. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. *Offered on: A / 3 cr. hrs.*

**PHL213: 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 towards 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. *Offered on: G / 3 cr. hrs.*

**PHL214: 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 the 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. *Offered on: A / 3 cr. hrs.*

**PHL215: 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, Ayer, Flew and Munitz. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**PHL293: PHILOSOPHY OF 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. *Offered on A-G / 3 cr. hrs.*

**PHL295: SPECIAL TOPICS: PHILOSOPHY**

Special and current topics in Philosophy may be available. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**PHL296: SPECIAL TOPICS HONORS: PHILOSOPHY**

Honors special topics in Philosophy may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

## Physical Education

### 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: 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. Offered on: A-E-G / 1 cr. hr.

#### **PED113: WEIGHT TRAINING**

Develops and maintains physical fitness through proper technique and progressions of weight training with use of supplementary apparatus. No prerequisite. Offered on: A-E-G / 1 cr. hr.

#### **PED114: BEGINNING TENNIS**

Basic instruction includes forehand stroke, backhand stroke and serve. Provides basic understanding of game and rules. No prerequisite. Offered on: A-E-G / 1 cr. hr.

#### **PED115: 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. Offered on: A-E-G / 1 cr. hr.

#### **PED116: SOCCER**

Covers basic fundamentals of soccer as well as provides opportunity to develop high level of aerobic fitness through vigorous participation. No prerequisite. Offered on: A-E-G / 1 cr. hr.

#### **PED118: BASKETBALL/SOFTBALL**

Team sports in which students receive instruction in basic fundamentals as well as principles of teamwork essential for enjoyable competition. No prerequisite. Offered on: A-G / 1 cr. hr.

#### **PED119: 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. Offered on: A-E-G / 1 cr. hr.

#### **PED120: 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. Offered on: A-E-G / 1 cr. hr.

#### **PED121: 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. Offered on: A-E-G / 1 cr. hr.

#### **PED123: 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. Offered on: A-E-G / 1 cr. hr.

#### **PED124: SPORTS 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. Offered on: A-E-G / 1 cr. hr.

#### **PED125: 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. Offered on: A-E-G / 1 cr. hr.

#### **PED126: 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. Offered on: A-E-G / 1 cr. hr.

#### **PED128: 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. Offered on: A-E-G / 1 cr. hr.



**PED129: VOLLEYBALL**

Develops basic skills of volleyball. Students learn correct method of passing, spiking and serving as well as rules, scoring and teamwork. No prerequisite. *Offered on: A-E-G / 1 cr. hr.*

**PED130: 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. *Offered on: A-E-G / 1 cr. hr.*

**PED132: 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. *Offered on: A-E-G / 1 cr. hr.*

**PED133: SOCIAL DANCE**

Instruction in basic steps of modern ballroom dancing. Dances taught might include cha cha, swing, foxtrot, meringue, etc. No prerequisite. *Offered on: A-G / 1 cr. hr.*

**PED134: SPINNING**

Spinning, which is stationary indoor cycling, is a comprehensive mental and physical cardiovascular training program providing an individually paced, non-impact workout set to inspirational music in a non-competitive environment good for all fitness levels. No prerequisite. *Offered on: A-E-G / 1 cr. hr.*

**PED137: YOGA FUSION**

This course will introduce the fundamentals of various types of Hatha yoga and aerobic and anaerobic exercise combined together. The class will be composed of breath work, muscular endurance, flexibility and balancing exercises. Lectures will also include information on nutrition and meditation. *Offered on: A-E-G / 1 cr. hr.*

**PED138: 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 a few team sports which is referred by the players. By virtue of its self-officiated structure, sportsmanship is emphasized throughout the course. No prerequisite. *Offered on: A-E-G / 1 cr. hr.*

**PED141: CLUB DANCE**

Introduction to the latest club dances including Salsa, Bachata, West Coast Swing, Hustle, Lindy Hop, Argentine Tango, etc. No prerequisite. No prerequisite. *Offered on: A-E-G / 1 cr. hr.*

**PED144: 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. *Offered on: A-E-G / 1 cr. hr.*

**PED145: 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. *Offered on: A-E-G / 1 cr. hr.*

**PED146: BADMINTON/PICKLEBALL**

Covers basic fundamentals of these two lifetime racquet activities. Students receive instruction on the essential strokes as well as rules and strategy necessary to participate in both singles and doubles play. *Offered on: A-E-G / 1 cr. hr.*

**PED147: YOGA**

Develops total physical awareness through Hatha Yoga. Includes lectures and demonstrations on nutrition, meditation and relaxation. No prerequisite. *Offered on: A-E-G / 1 cr. hr.*

**PED148: SELF-DEFENSE**

Basic techniques of self-defense. Instruction concentrated on teaching fundamentals of judo. No prerequisite. *Offered on: A-G / 1 cr. hr.*

**PED149: MODERN DANCE AND COMPOSITION**

Techniques and principles of modern dance composition applying spatial, temporal, dynamic and dramatic elements of choreography. No prerequisite. *Offered on: A-E-G / 1 cr. hr.*

**PED150: LIFEGUARDING**

The American Red Cross Lifeguard program provides lifeguards with skills and knowledge necessary to keep patrons of aquatic facilities safe in and around the water. This program includes a lifeguard training course with aquatic-specific first aid and cardiopulmonary resuscitation (CPR) training. Prerequisite: must be able to swim. Check with instructor if unsure of swimming ability. *Offered on: G / 1 cr. hr.*

**PED151: BACKPACKING**

Techniques and fundamentals of backpack camping. Included are one-day field trip and weekend campout. Transportation required. No prerequisite. *Offered on: A-E-G / 1 cr. hr.*



## Physical Education

### **PED155: 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. *Offered on: E-G / 1 cr. hr.*

### **PED156: SWIMMING FOR FITNESS**

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 Chair/Academic Dean. No prerequisite. *Offered on: E-G / 1 cr. hr.*

### **PED157: 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 on: A-E-G / 1 cr. hr.*

### **PED159: MODERN JAZZ DANCE**

Techniques of jazz dancing from its origins to contemporary stage dancing. No prerequisite. *Offered on: A-E-G / 1 cr. hr.*

### **PED160: 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. *Offered on: A-E-G / 1 cr. hr.*

### **PED161: 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. *Offered on: A-G / 1 cr. hr.*

### **PED162: STEP AEROBICS**

Improves cardiovascular endurance combining low-impact work with moderate- to high-intensity conditioning response through use of creative step patterns, multidirectional variations and transitions, and interval training. No prerequisite. *Offered on: A-G / 1 cr. hr.*

### **PED163: CARDIO KICK BOXING**

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. *Offered on: A-E-G / 1 cr. hr.*

### **PED165: 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. *Offered on: E-G / 1 cr. hr.*

### **PED166: 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 Chair/Academic Dean. *Offered on: E-G / 1 cr. hr.*

### **PED168: HIP-HOP AEROBICS**

This aerobics class is designed to teach the fundamental movements of Hip Hop dancing. Students will learn the importance of cardiorespiratory fitness, recommended guidelines and the benefits associated with leading a healthy, active lifestyle. A series of dance combinations will be taught throughout the semester, as well as the history and evolution behind this dance style. No prerequisite. *Offered on: A-E-G / 1 cr. hr.*

### **PED174: FITNESS, WELLNESS AND AEROBIC CONDITIONING**

This course is designed for students to participate in a variety of activities emphasizing improvement in cardiovascular fitness. Activities include: Fitness Walking, Jogging, Cardio-Kickboxing, Spin, Step Aerobics and Interval Training. In addition, students will be introduced to basic fitness and wellness principles. Topics include the health-related aspects of physical fitness, proper nutrition, weight management, heart disease, cancer, stress, sexual health, addictive behaviors, and the influence of mental, emotional, and social factors on these aspects. This class is designed to help students define wellness, and to identify the behaviors that constitute a fit and well lifestyle. (1 hr. lecture, 2 hrs. laboratory) Note: Students may not take additional two-credit Physical Education courses for college credit. No prerequisite. *Offered on: A-E-G / 2 cr. hrs.*

### **PED175: FITNESS, WELLNESS AND RESISTANCE TRAINING**

Students will learn to recognize the benefits of maintaining a high level of wellness and how to live a healthy lifestyle through lecture and participation in lifetime activities. Covers the basic fundamentals of resistance training and the benefits of physical activity. (1 hr. lecture, 2 hrs. laboratory) Note: Students may not take additional two-credit Physical Education courses for college credit. No prerequisite. *Offered on: A-E-G / 2 cr. hrs.*

**PED176: FITNESS, WELLNESS AND TEAM SPORTS**

Students will learn to recognize the benefits of maintaining a high level of wellness and how to live a healthy lifestyle through lecture and participation in lifetime activities. Covers the basic fundamentals of team sports, the concept of teamwork and the benefits of physical activity. (1 hr. lecture, 2 hrs. laboratory) Note: Students may not take additional two-credit Physical Education courses for college credit. No prerequisite. *Offered on: A-E-G / 2 cr. hrs.*

**PED177: FITNESS, WELLNESS AND RACKET SPORTS**

Students will learn to recognize the benefits of maintaining a high level of wellness and how to live a healthy lifestyle through lecture and participation in lifetime activities. Covers the basic fundamentals of racket sports, the concept of teamwork and the benefits of physical activity. (1 hr. lecture, 2 hrs. laboratory) Note: Students may not take additional two-credit Physical Education courses for college credit. No prerequisite. *Offered on: A-E-G / 2 cr. hrs.*

**PED190: INTRODUCTION TO PHYSICAL EDUCATION, FITNESS AND SPORT**

This course is an introduction to the personal and professional challenges, and opportunities available in the field of physical education, fitness and sport. Its primary purpose is to help the student gain an insight into these disciplines; to acquaint the student, generally, with the organized body of knowledge embraced within Physical Education; and to show the proper relationship among related fields. This course can only be used as an unrestrictive elective and is open to all students. It does not satisfy the physical education graduation requirement. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**PED191: ASPECTS OF COACHING**

This is an introductory course to the fundamentals of coaching. Classes are structured to provide students with the basic knowledge and skills required to develop an effective coaching program and create a personal coaching philosophy. Students will learn about the many aspects of coaching from designing and executing a session to handling administrative responsibilities. It does not satisfy the physical education graduation requirement. No prerequisite. *Offered on: A / 3 cr. hrs.*

**PED295: SPECIAL TOPICS: PHYSICAL EDUCATION**

Special and current topics in Physical Education may be available. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**PHYSICAL THERAPY ASSISTANT**

*Enrollment in PTA courses is limited to students officially admitted to the Physical Therapist Assistant program.*

**PTA101: NORMAL MOVEMENT AND DEVELOPMENT**

Covers concepts of motor control, motor development and motor learning. (*offered spring semester only*) Prerequisites: BIO130, ENG101, PSY101, and COM 102 or COM107. Corequisites: BIO132, PSY210, PTA103, PTA105, PTA107. *Offered on: A / 3 cr. hrs.*

**PTA103: 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. (*offered spring semester only*) (3 hrs. laboratory) Prerequisites BIO130, ENG101, PSY101, and COM 102 or COM107. Corequisites: BIO132, PTA101, PTA105, PTA107. *Offered on: A / 1 cr. hr.*

**PTA105: INTRODUCTION TO PHYSICAL THERAPY**

Covers concepts of the 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. (*offered spring semester only*) Prerequisites: BIO130, ENG101, PSY101, and COM 102 or COM107. Corequisites: BIO132, PTA101, PTA103, PTA107. *Offered on: A / 2 cr. hrs.*

**PTA107: 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. (*offered spring semester only*) (3 hrs. laboratory) Prerequisites ENG101, PSY101, BIO130, and COM 102 or COM107. Corequisites: BIO132, PSY210, PTA101, PTA103, PTA105. *Offered on: A / 1 cr. hr.*

## Physical Therapy Assistant

### PTA150: 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. (*offered fall semester only*) (3 hrs. laboratory) Prerequisites: BIO132, PSY210, PTA101, PTA103, PTA105, PTA107. Corequisites: BIO246, MAT103, PTA151, PTA153, PTA155. *Offered on: A / 1 cr. hr.*

### PTA151: 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. Skill development includes goniometry, measurement of functional ROM, manual muscle testing using break testing, palpation of muscles and ligaments, and stretching of specific muscles. (*offered fall semester only*) Prerequisites: BIO132, PTA101, PTA103, PTA105, PTA107. Corequisites: BIO246, PTA150, PTA153, PTA155. *Offered on: A / 4 cr. hrs.*

### PTA153: ACUTE CARE PHYSICAL THERAPY

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 an overview of medical-surgical equipment utilized in the acute care setting. (*offered fall semester only*) Prerequisites: BIO132, PTA101, PTA103, PTA105, PTA107. Corequisites: BIO246, PTA150, PTA151, PTA155. *Offered on: A / 2 cr. hrs.*

### PTA155: INTERVENTIONS III

Covers principles and techniques related to the usage of physical agents, mechanical modalities, and electrotherapeutic modalities in physical therapy (*offered fall semester only*) (2 hr. lecture, 3 hrs. laboratory) Prerequisites: BIO132, PSY210, PTA101, PTA103, PTA105, PTA107. Corequisites: BIO246, MAT103, PTA150, PTA151, PTA153. *Offered on: A / 3 cr. hrs.*

### PTA200: 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. (*offered spring semester only*) (1 hr. lecture, 10 hrs. clinical.) Prerequisites: PTA150, PTA221, PTA223, PTA225, PTA227. *Offered on: A / 3 cr. hrs.*

### PTA221: MUSCULOSKELTAL PHYSICAL THERAPY

Covers the potential impairments of body structure and function, activity limitations, and participation restrictions associated with common musculoskeletal pathologies across the lifespan, and includes orthotic and prosthetic devices. Skill development includes the performance and instruction of specific strengthening exercises, and the application of McConnell tape and residual limb wraps. (*offered spring semester only*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisites: BIO246, MAT103, PTA150, PTA151, PTA153, PTA155. Corequisites: PTA223, PTA225, PTA227. *Offered on A / 3 cr. hrs.*

### PTA223: 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. Skill development includes performance of developmental activities, facilitation and inhibition strategies, movement pattern training, and neuromuscular re-education. (*offered spring semester only*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisites: BIO246, PSY210, PTA150, PTA151, PTA153, PTA155. Corequisites: PTA221, PTA225, PTA227. *Offered on: A / 3 cr. hrs.*

### PTA225: 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, anatomy/physiology of the integument, and burn and wound care. Skill development includes aerobic capacity conditioning and reconditioning activities, endurance training, breathing, oxygenation, and coughing strategies, postural drainage, instruction in Integumentary protection, edema management, performance of sterile technique, and the application and removal of dressings. (*offered spring semester only*) (2 hrs. laboratory) Prerequisites: BIO246, PTA150, PTA151, PTA153, PTA155. Corequisites: PTA221, PTA223, PTA227. *Offered on: A / 1 cr. hr.*

### PTA227: INTERVENTIONS IV

Covers collection of data in physical therapy as it relates to soft tissue extensibility and joint mobility of the extremities. Skills include soft tissue mobilization/massage for the upper and lower quarter and grade 1-11 peripheral joint mobilization. (*offered spring semester only*) (2 hrs. laboratory) Prerequisites: BIO246, MAT103, PTA150, PTA151, PTA153, PTA155. Corequisites: PTA221, PTA223, PTA225. *Offered on: A / 1 cr. hr.*

**PTA240: ADVANCED THERAPEUTIC EXERCISE**

Covers common musculoskeletal/neuromuscular/ cardiopulmonary pathologies and physical therapy management through therapeutic exercise. Discusses orthotic and prosthetic devices. Skills include application of McConnell and athletic tape, stump wrapping and postural drainage techniques. (2 hrs. lecture, 3 hrs. laboratory) *Offered on: A / 3 cr. hrs.*

**PTA250: 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. (*offered fall semester only*) (1 hr. lecture, 30 hrs. clinical) Prerequisites: PTA200, PTA251. *Offered on: A / 8 cr. hrs.*

**PTA251: 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. (*offered fall semester only*) Prerequisites: PTA200. *Offered on: A / 1 cr. hr.*

**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, and Electrical Technology.*

*PHY115: Designed for health careers students.*

*PHY130-132, 230-232, 245-246, 247-248: 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: COLLEGE PHYSICS I**

First course of a two-semester algebra/trig-based 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) Note: Fulfills SUNY General Education Requirement for Natural Sciences. Prerequisite: MAT124 or equivalent. *Offered on: A-E-G / 4 cr. hrs.*

**PHY102: COLLEGE PHYSICS II**

Second course of a two-semester algebra/trig-based 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) Note: Fulfills SUNY General Education Requirement for Natural Sciences. Prerequisite: PHY101. *Offered on: A-E-G / 4 cr. hrs.*

**PHY110: AUTOMOTIVE PHYSICS**

Basic course which acquaints ASEP students with some fundamental aspects of physics. Study of linear and rotational kinematics, Newtonian dynamics of linear and rotational motion, conservation of energy and momentum, and selected topics in strength of materials, fluids and thermodynamics. Emphasis on applications to automotive system. (*offered spring semester only*) Prerequisite: MAT007 or equivalent. *Offered on: A / 4 cr. hrs.*

**PHY112: TECHNICAL PHYSICS I**

Acquaints students in the 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) Note: Fulfills SUNY General Education Requirement for Natural Sciences. Prerequisite: MAT112. *Offered on: A-G / 4 cr. hrs.*

**PHY115: PHYSICS FOR HEALTH CAREERS**

For students pursuing careers in health technologies. Includes application of principles of equilibrium to the human muscular system; study of work and energy; electricity and magnetism and their relation to medical equipment, heat, wave motion, atomic radiation and light. (3 hrs. lecture, 1 hr. recitation, 2 hrs. laboratory) Note: PHY115 does not satisfy prerequisite for PHY102. Prerequisite: MAT111 or equivalent. *Offered on: A-G / 4 cr. hrs.*

**PHY130: PHYSICS I**

First course in sequence of calculus based physics courses for majors in physical sciences, mathematics and engineering. Includes vectors, linear and rotational kinematics and dynamics, gravitation and fluids. (4 hrs. lecture/recitation) Note: Fulfills SUNY General Education Requirement for Natural Sciences. Prerequisite: MAT141. Corequisites: MAT142, PHY132. *Offered on: A-E-G / 3 cr. hrs.*



## Physics – Police Administration

### PHY132: PHYSICS I LAB

Mechanics laboratory using experiments in kinematics, dynamics and conservation laws to verify concepts in PHY130. (2 hrs. laboratory) Note: Fulfills SUNY General Education Requirement for Natural Sciences. Corequisite: PHY130. Offered on: A-E-G / 1 cr. hr.

### PHY230: PHYSICS II

Second course in the sequence of calculus based physics courses. Electricity and magnetism emphasizing the field and potential concepts, using Coulomb's Law, Gauss's Law, Lenz's Law, Ampere's Law, Faraday's Law, resistance, capacitance, inductance, DC circuits with Kirchhoff's laws and dielectric and magnetic materials. (4 hrs. lecture/recitation) Note: Fulfills SUNY General Education Requirement for Natural Sciences. Prerequisite: MAT142, PHY130; Corequisite: PHY232. Offered on: A-E / 3 cr. hrs.

### PHY232: PHYSICS II LAB

Electricity and magnetism laboratory using experiments in DC circuits, ammeters, voltmeters, mesh and loop equations, Thevenin's theorem, superposition, impedance matching, electromagnetism, and transients used to verify concepts in PHY230 and learn basic instrumentation. (2 hrs. laboratory) Note: Fulfills SUNY General Education Requirement for Natural Sciences. Corequisite: PHY230. Offered on: A-E / 1 cr. hr.

### PHY245: 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) Note: Fulfills SUNY General Education Requirement for Natural Sciences. Prerequisite: MAT203, MAT204, PHY230 and PHY232. Corequisites: PHY246. Offered on: A / 3 cr. hrs.

### PHY246: PHYSICS III LAB

AC circuit theory, waves, thermodynamics, and geometrical and physical optics. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (2 hrs. laboratory) Corequisite: PHY245. Offered on: A / 1 cr. hr.

### PHY247: PHYSICS IV

A survey of the major physics theories of the 20th century (relativity and quantum mechanics) and their impact on most areas of physics. Topics include the special theory of relativity, blackbody radiation, Planck's constant, photoelectric effect, Bohr's atom, wave function, Schrödinger's equation, uncertainty principle, atomic spectra and structure, introduction to nuclear physics and particles. (4 hrs. lecture/recitation) Prerequisite: PHY230. Corequisite: PHY248. Offered on: A / 3 cr. hrs.

### PHY248: PHYSICS IV LAB

Contains modern physics labs such as Michelson interferometer, photoelectric effect, measurement of  $e/m$ , radioactive decay and spectroscopy. (2 hrs. laboratory) Corequisite: PHY247. Offered on: A / 1 cr. hr.

### PHY295: SPECIAL TOPICS: PHYSICS

Special and current topics in Physics may be available. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

### PHY296: SPECIAL TOPICS HONORS: PHYSICS

Honors special topics in Physics may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

## POLICE ADMINISTRATION

Courses offered at or through the Suffolk County Police Academy.

### POA110: 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. Offered on: G / 3 cr. hrs.

### POA113: 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. Offered on: G / 3 cr. hrs.

### POA115: 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. Offered on: G / 3 cr. hrs.

### POA121: CRIMINAL INVESTIGATIONS

Familiarization with specialized services such as crime laboratory, juvenile services, organized crime, medical examiner, canine patrol, etc. No prerequisite. Offered on: G / 3 cr. hrs.

### POA122: 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. Offered on: G / 3 cr. hrs.

### POA131: 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. Offered on: G / 6 cr. hrs.



**POA155: 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. *Offered on: G / 3 cr. hrs.*

**POA191: 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. *Offered on: G / 6 cr. hrs.*

**POLITICAL SCIENCE****POL101: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences. No prerequisite. *Offered on: A-G / 3 cr. hrs.*

**POL103: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**POL105: AMERICAN NATIONAL POLITICS AND GOVERNMENT**

Introduction to American political theory and the concept of federalism. This course is designed to teach students about the fundamental structures of the United States including how conflict is institutionalized with the system. Students will be introduced to the national political process and the political environment in which they operate. This course also examines current issues that impact the future of the government and the people it serves, as well as providing a deep understanding and appreciation of elections, special interest groups, civil rights and liberties, and public policy. Note: Fulfills SUNY General Education Requirement for Social Sciences and American History. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**POL107: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences and Other World Civilizations. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**POL109: 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. Note: Fulfills SUNY General Education Requirement for American History and Social Sciences. No prerequisite. *Offered on: A / 3 cr. hrs.*

**POL111: COMPARATIVE POLITICS**

This course will introduce students to different world regions and nation-states in comparison with one another and with the United States. The course will include an analysis/comparison of selected government and political institutions, individual and collective actors and processes in the contemporary world, emphasizing the interaction of political structures and processes in a variety of political settings. Historical and geographical factors will be examined to determine their effects on the contemporary political, economic and social patterns that exist in different nation states and regions. Note: Fulfills SUNY General Education Requirement for Other World Civilizations and Social Sciences. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**POL151: 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 fieldwork, 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 pre-registration period. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisite: Minimum of 18 college credits, 3.0 average or better, ENG101, POL103 and permission of Chair / Academic Dean. *Offered on: A-G / 3 cr. hrs.*

## Political Science – Practical Nursing

### **POL295: SPECIAL TOPICS: POLITICAL SCIENCE**

Special and current topics in Political Science may be available. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

### **POL296: SPECIAL TOPICS HONORS: POLITICAL SCIENCE**

Honors special topics in Political Science may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See “Class Schedule Search” for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

## **PRACTICAL NURSING**

### **PNU116: 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. *(offered summer semester only)* Prerequisite: BIO105, ENG101, PSY101. Corequisites: PNU119. *Offered on: E / 3 cr. hrs.*

### **PNU119: PHARMACOLOGY SAFETY AND DOSAGE CALCULATIONS**

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. *(offered summer semester only)* Prerequisite: BIO105, ENG101, PSY101. Corequisite: PNU116. *Offered on: E / 2 cr. hrs.*

### **PNU120: FUNDAMENTALS OF NURSING FOR PRACTICAL NURSES**

Provides the foundation for subsequent nursing courses. The study of basic nursing concepts, as well as stress and adaptation theory, is emphasized. Through the use of the nursing process, health and fulfillment of basic human needs are assessed. Dysfunctional adaptation caused by stress is assessed with emphasis on health promotion and maintenance. College laboratory and clinical experience in healthcare settings are used to develop and apply nursing theories and skills. Registration requires that students purchase liability insurance through the College. *(offered fall semester only)* (5 hr. lecture, 2 hrs. laboratory, 6 hrs. clinical) Prerequisite: PNU116, PNU119. Corequisite: PNU128. *Offered on: E / 8 cr. hrs.*

### **PNU128: 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 associate 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. *(offered fall semester only)* (2 hrs. lecture, 3 hrs. clinical) Prerequisite: PNU116, PNU119. Corequisite: PNU120. *Offered on: E / 3 cr. hrs.*

### **PNU133: 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. *(offered spring semester only)* (5 hrs. lecture, 2 hrs. laboratory, 6 hrs. clinical) Prerequisite: PNU116, PNU119, PNU120, PNU128. Corequisite: PNU135. *Offered on: E / 8 cr. hrs.*

### **PNU135: NURSING CARE OF MATERNAL-CHILD**

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. *(offered spring semester only)* (2 hrs. lecture, 3 hrs. clinical) Prerequisite: PNU116, PNU119, PNU120, PNU128. Corequisite: PNU133. *Offered on: E / 3 cr. hrs.*

## PSYCHOLOGY

### PSY101: INTRODUCTION TO PSYCHOLOGY

An introduction to the science of psychology and its history. Special emphasis placed on the field's foundations: research methods, biological bases of behavior, and laws of learning. These essential topics will lay the groundwork for students' critical examination of psychological theory and application as it relates to subjects that might include lifespan development, psychopathology, personality, therapies, cognition, sensation/perception, social psychology and others. Note: Fulfills SUNY General Education Requirement for Social Sciences. Prerequisite: RDG099 or ESL012 or equivalent. Offered on: A-E-G / 3 cr. hrs.

### PSY201: 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. Offered on: A-E-G / 3 cr. hrs.

### PSY202: 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. (offered fall semester only) Prerequisite: PSY101. Offered on: A / 3 cr. hrs.

### PSY203: 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: PSY 101. Offered on: A-E-G / 3 cr. hrs.

### PSY205: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences. Prerequisite: PSY101. Offered on: E-G / 3 cr. hrs.

### PSY210: 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. Offered on: A-E-G / 3 cr. hrs.

### PSY211: 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. Offered on: A / 3 cr. hrs.

### PSY212: 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 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. Note: Fulfills SUNY General Education Requirement for Social Sciences. (offered spring semester only) Prerequisite PSY101. Offered on: A / 3 cr. hrs.

## Psychology – Radio/Television Production

### PSY213: THE EXCEPTIONAL CHILD

Introduces students to needs, abilities and prognosis for children who are intellectually and developmentally disabled, 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. *Offered on: A-E-G / 3 cr. hrs.*

### PSY215: ABNORMAL PSYCHOLOGY

Examines historical roots, theoretical orientations and current controversies in psychopathologies. Emphasis on description, cause and treatment of behavior disturbances. Prerequisite: PSY101. *Offered on: A-E-G / 3 cr. hrs.*

### PSY216: 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. *Offered on: A-E-G / 3 cr. hrs.*

### PSY217: 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. *Offered on: A-E-G / 3 cr. hrs.*

### PSY220: 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. *Offered on: A-E-G / 3 cr. hrs.*

### PSY247: THE PSYCHOLOGY OF SEXUALITY

This course 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. Notes: (1) This course can be used to satisfy social science, liberal arts, or unrestricted elective. (2) Credit given for either PSY247 or HSC111, but not both. Prerequisite: PSY101. *Offered on: E / 3 cr. hrs.*

### PSY295: SPECIAL TOPICS: PSYCHOLOGY

Special and current topics in Psychology may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

### PSY296: SPECIAL TOPICS HONORS: PSYCHOLOGY

Honors special topics in Psychology may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

## RADIO/TELEVISION PRODUCTION

### RTV101: INTRODUCTION TO BROADCASTING

Studies social impact of broadcasting through historical examination of origins of radio and television. Issues such as programming, audience measurement, advertising, and social media are analyzed in relation to their economic and cultural influences. No prerequisite. *Offered on: A / 3 cr. hrs.*

### RTV102: ISSUES IN BROADCASTING

Seminar dealing with crucial contemporary issues in broadcasting and other digital and electronic media. Relationship of these issues to past, present and future of industry discussed. Students are required to do research projects and oral reports. Prerequisite: RTV101. *Offered on: A / 3 cr. hrs.*

### RTV111: RADIO PRODUCTION

Production principles and technique for a wide variety of audio program formats are explored. Students learn operation of studio equipment, including digital audio consoles, digital audio workstations, audio processing, levels, balance, mixing, and editing. Projects will be produced in and out of class period. (*offered fall semester only*) (2 hrs. lecture, 2 hrs. laboratory) Note: Students in the Radio and Television Production program should take this course in their first semester. Prerequisite: Matriculation in Radio and Television Production curriculum. *Offered on: A / 3 cr. hrs.*

### RTV112: 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 all forms of production. Explores format and development of production projects and examines contemporary industry products for technique and style of production. (*offered spring semester only*) Prerequisite: RTV111. *Offered on: A / 3 cr. hrs.*



**RTV121: TELEVISION PRODUCTION I**

Production techniques of the director, producer and operational staff in execution of television program formats. Students learn skills of video switching, video playback, audio operations, graphics, and camera operation. RTV121 stresses equipment operations. (*offered spring semester only*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: RTV111. *Offered on: A / 3 cr. hrs.*

**RTV122: TELEVISION PRODUCTION II**

Production techniques of the director, producer and operational staff in execution of television program formats. Students learn skills of video switching, video playback, audio operations, graphics, and camera operation. RTV122 stresses the role of the producer and director in overseeing an entire production. (*offered fall semester only*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: RTV121. *Offered on: A / 3 cr. hrs.*

**RTV125: BROADCAST COPY AND SCRIPT WRITING**

Analysis and writing copy of radio, television, internet, and social media. Scripts studied include broadcast news, commercials, documentaries, special events, drama, and social media formats. Prerequisite: ENG101 and matriculation in Radio and Television Production curriculum. *Offered on: A / 3 cr. hrs.*

**RTV201: ELECTRONIC MEDIA MANAGEMENT**

This course studies the problems and responsibilities that practitioners in broadcast, cable, and digital media face every day. The structure of media organizations and regulatory concerns will be explored. Case studies are used to exemplify problems in management. Students will perform research tasks and do written and oral presentations. Prerequisite: RTV111. *Offered on: A / 3 cr. hrs.*

**RTV203: 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. *Offered on: A / 4 cr. hrs.*

**RTV204: VIDEO EDITING**

Technology, techniques and theory of television postproduction. Students work with computer-based non-linear editing systems. Students work on a variety of projects designed to approximate industry editing requirements. All projects are done on an individual basis. (*offered spring semester only*) Prerequisite: RTV203. *Offered on: A / 4 cr. hrs.*

**RTV250: INTERNSHIP IN VIDEO AND SOUND**

Fieldwork in broadcasting and other electronic and digital media environments. 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 fieldwork and periodic class/discussion meetings. (*offered spring and summer only*) Prerequisite: Matriculation in Radio and Television Production curriculum and successful completion of 6 or more RTV credits with grade of B or better. *Offered on: A / 4 cr. hrs.*

**RTV255: 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. (1 hr. lecture, 1 hr. laboratory, fieldwork) Prerequisite: RTV121 or Permission of Chair/Academic Dean. *Offered on: A / 2 cr. hrs.*

**RTV295: SPECIAL TOPICS: RADIO/TELEVISION PRODUCTION**

Special and current topics in Radio/Television Production may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**READING****Placement**

*Incoming students are initially placed in RDG098, RDG096, or RDG099 on the basis of the SCCC Computerized 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.*

**RDG096: ESSENTIAL COLLEGE READING**

Provides students who fall into a specific CPT range the opportunity to complete their developmental reading requirement in one semester rather than two. Enhances and strengthens reading skills through the development of vocabulary and comprehension, with a progression toward higher level skills necessary for success in college level courses. This course will focus on expanding students' background knowledge, literacy skills, and critical reading skills. In addition, the course requires completion of a mandatory on-line lab component. Graded on an S-R-U-W basis. Not applicable toward any degree or certificate. *Offered on: A-E-G / 5 cr. hrs.*



## Reading – Sociology

### **RDG098: 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. *Offered on: A-E-G / 3 cr. hrs.*

### **RDG099: 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 an S-R-U-W basis. Not applicable toward any degree or certificate. Prerequisite: RDG098 or placement. *Offered on: A-E-G / 3 cr. hrs.*

### **RDG101: ADVANCED READING SKILLS**

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. Prerequisite: RDG096 or RDG099. *Offered on: A-E-G / 3 cr. hrs.*

## **SOCIOLOGY**

### **SOC101: INTRODUCTION TO SOCIOLOGY**

Fundamental principles and concepts of sociology including culture, interaction, norms, values, institutions, stratification and social change. Note: Fulfills SUNY General Education Requirement for Social Sciences. Prerequisite RDG099 or ESL012 or equivalent. *Offered on: A-E-G / 3 cr. hrs.*

### **SOC122: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences. Prerequisite: SOC101 or permission of Chair / Academic Dean. *Offered on: A-E-G / 3 cr. hrs.*

### **SOC201: SCIENCE, TECHNOLOGY, AND SOCIETY**

Science and technology have been the dominant forces shaping societies in the 20th century and their influence will rapidly accelerate in the 21st. This course will explore how science and technology are used to influence social relationships as well as economic, political, and environmental policies. Ultimately, this course seeks to analyze the power of science and technology. There can be no doubt that new technologies will unleash immense power; from inter-connectivity, to cures for disease, to weapons of mass destruction. The question is: who will benefit most from this power? Citizens? States? Or corporations? Various theories will be discussed. Note: Fulfills SUNY General Education Requirement for Social Sciences. Prerequisite: SOC101 or permission of Chair / Academic Dean. *Offered on: A / 3 cr. hrs.*

### **SOC203: MARRIAGE AND THE FAMILY**

Institution of the family as it fulfills specific social and individual needs. Emphasis on modern American family; cross-cultural elements are also treated. Particular topics include mate selection, socialization, marital and parental relationships, role of the state, divorce and remarriage. Prerequisite: SOC101. *Offered on: A-E-G / 3 cr. hrs.*

### **SOC205: 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. *Offered on: A-E-G / 3 cr. hrs.*

### **SOC212: 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. *Offered on: G / 3 cr. hrs.*

**SOC215: 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. Offered on: A-E-G / 3 cr. hrs.

**SOC224: 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. Note: Fulfills SUNY General Education Requirement for Social Sciences. Prerequisite: SOC101. Offered on: E / 3 cr. hrs.

**SOC295: SPECIAL TOPICS: SOCIOLOGY**

Special and current topics in Sociology may be available. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

**SOC296: SPECIAL TOPICS HONORS: SOCIOLOGY**

Honors special topics in Sociology may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. Offered on: A-E-G / 3-4 cr. hrs.

**SPANISH**

See the "Foreign Languages Placement Guidelines" chart on p. 233 to review appropriate course placement.

**SPN101: ELEMENTARY SPANISH I**

First half of the introductory sequence in Spanish which develops the four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Basic concepts of Spanish culture are introduced. Required online workbook/lab manual course component. This course is for students with little or no knowledge of Spanish. This course is not appropriate for native/fluent speakers of Spanish. SPN201 or SPN202 recommended or see advisor. Note: Fulfills SUNY General Education Requirement for Foreign Language. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

**SPN102: ELEMENTARY SPANISH II**

Second half of introductory sequence in Spanish which develops the 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 course component. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: SPN101. Offered on: A-E-G / 3 cr. hrs.

**SPN113: 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. Notes: (1) May not be taken for credit after any other course in Spanish. (2) Fulfills SUNY General Education Requirement for Foreign Language. No prerequisite. Offered on: A-E-G / 6 cr. hrs.

**SPN120: BASIC CONVERSATIONAL SPANISH I**

Basic conversational courses for students with no background in Spanish which cover grammar and vocabulary useful for speaking and understanding Spanish at work, home and in other day-to-day environments. Notes: (1) May not be used to fulfill language requirement for humanities, social science and general studies curricula or for transfer purposes. (2) May be used to satisfy liberal arts, humanities or unrestricted elective requirements in other curricula. No prerequisite. Offered on: G / 3 cr. hrs.

**SPN121: BASIC CONVERSATIONAL SPANISH II**

Basic, conversational courses for students with no background in Spanish. Cover grammar and vocabulary that are most useful in speaking and understanding Spanish at work, home and in other day-to-day environments. Notes: (1) May not be used to fulfill language requirement for humanities, social science and general studies curricula or for transfer purposes. (2) May be used to satisfy liberal arts, humanities or unrestricted elective requirements. Prerequisite: SPN120 or equivalent. Offered on: G / 3 cr. hrs.

**SPN122: 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 as well as vocabulary covered in context of medical/health-related situations. Note: Does not fulfill foreign language requirements. No prerequisite. Offered on: A-G / 3 cr. hrs.

## Spanish

### **SPN125: SPANISH FOR SPANISH SPEAKERS**

Meets 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 stresses cultural awareness. Note: Students who enroll in SPN125 must not have taken any other Spanish course or language like SPN113. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

### **SPN175: SPANISH CULTURAL STUDIES I**

Offers an overview of Modern Spain's society and cultural practices through the study of its history, social and political complexities, traditions and art forms. Given in English as part of the Study Abroad program in Spain. Notes: (1) Credit given for SPN175 or SPN221, but not both. (2) SPN175 has to be taken concurrently with a Spanish language class (SPN101, SPN102, SPN201, SPN202, SPN220, SPN223). (3) Fulfills the SUNY General Education for Humanities or Other World Civilizations. No prerequisite. *Offered on: A / 3 cr. hrs.*

### **SPN176: SPANISH CULTURAL STUDIES II**

Examines contemporary Spain through its cinematic history. Designed to introduce students the diverse culture(s) of Spain, its history, its social and political complexities, and its cultural practices and how these are reflected in the country's artistic and cinematic production. Given in English as part of the Study Abroad Program in Spain. Does not fulfill foreign language requirement. Notes: (1) Credit given for SPN176 or SPN224, but not both. (2) It must be taken concurrently with a Spanish language class (SPN101, SPN102, SPN201, SPN202, SPN220, SPN223). (3) Fulfills the SUNY General Education requirement for Humanities or Other World Civilizations. No prerequisite. *Offered on: A / 3 cr. hrs.*

### **SPN201: 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 course component. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: SPN102 or SPN113 or fulfillment of equivalent high school placement requirement. *Offered on: A-E-G / 3 cr. hrs.*

### **SPN202: 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: SPN201 or fulfillment of equivalent high school placement requirement. *Offered on: A-E-G / 3 cr. hrs.*

### **SPN220: 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: SPN202 or fulfillment of equivalent high school placement requirement. *Offered on: A-E-G / 3 cr. hrs.*

### **SPN221: CULTURE AND CIVILIZATION OF SPAIN**

Provides overview 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. *Offered on: A-E-G / 3 cr. hrs.*

### **SPN222: 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: SPN202 or fulfillment of equivalent high school placement requirement. *Offered on: A-E-G / 3 cr. hrs.*

### **SPN223: 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. Note: Fulfills SUNY General Education Requirement for Foreign Language. Prerequisite: SPN202 or fulfillment of equivalent high school placement requirement. *Offered on: A-E-G / 3 cr. hrs.*

### **SPN224: 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. Note: Fulfills SUNY General Education Requirement for Humanities or Foreign Language. Prerequisite: SPN202 or fulfillment of equivalent high school placement requirement or permission of Chair/Academic Dean. *Offered on: A / 3 cr. hrs.*

### **SPN225: CULTURE AND CIVILIZATION OF LATIN AMERICA**

Provides overview by examining literature, history and art forms, including film, music and mass media. Given in Spanish. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: SPN202 or fulfillment of equivalent high school placement requirement. *Offered on: A / 3 cr. hrs.*

**SPN226: SURVEY OF MODERN 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. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: SPN202 or fulfillment of equivalent high school placement requirement. *Offered on: A-E-G / 3 cr. hrs.*

**SPN295: SPECIAL TOPICS: SPANISH**

Special and current topics in Spanish may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**SPN296: SPECIAL TOPICS HONORS: SPANISH**

Honors special topics in Spanish may be available for Honors students as well as those who have received permission from Campus Honors Program Coordinator. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

**THEATRE ARTS****THR100: COLLEGE SEMINAR FOR THEATRE**

Methods and techniques Theatre Arts students can adopt to promote their perseverance and success at the 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 in the theatre arts field. Preliminary research into career paths in their first semester. Note: Fulfills College Seminar requirement for students in Theatre Arts A.S. Degree. *(offered fall semester only)* No prerequisite. *Offered on: A / 1 cr. hr.*

**THR101: 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. Note: Fulfills SUNY General Education Requirement for The Arts. No prerequisite. *Offered on: A / 3 cr. hrs.*

**THR105: ACTING I**

Study and practice in basic techniques of acting. Application of theory through presentations of scenes, improvisations and exercises in class. Note: Fulfills SUNY General Education Requirement for The Arts. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

**THR115: 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. *Offered on: A / 3 cr. hrs.*

**THR116: 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. *(offered spring semester only)* No prerequisite. *Offered on: A / 3 cr. hrs.*

**THR117: 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. *Offered on: A / 3 cr. hrs.*

**THR118: 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. *(offered spring semester only on alternate years with THR119)* (2 hrs. lecture, 2 hrs. laboratory) Note: Prerequisite: THR115. *Offered on: A / 3 cr. hrs.*

**THR119: BASIC THEATRE PRACTICE: SOUND**

Equipment, methods and practices used in production of sound for the stage. *(offered spring semester only on alternate years with THR118)* (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A / 3 cr. hrs.*

**THR120: 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. Note: Fulfills SUNY General Education Requirement for The Arts. (3 hrs. laboratory) No prerequisite. *Offered on: A / 3 cr. hrs.*



## Theatre Arts

### **THR127: 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. *Offered on: A / 3 cr. hrs.*

### **THR131: 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. Note: Fulfills SUNY General Education Requirement for The Arts. No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

### **THR151: THEATRE WORKSHOP**

Course goal is for students to become members of a theatre company. 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. (6 hrs. laboratory) Prerequisite: Permission of Chair/Academic Dean. *Offered on: A-E-G / 3 cr. hrs.*

### **THR152-THR155: PRODUCTION LAB 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. 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. (2 hrs. lecture, 1 hr. laboratory) No prerequisite. *Offered on: A / 2 cr. hrs.*

### **THR171: 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. (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A / 3 cr. hrs.*

### **THR205: ACTING II**

Concentrated study and practice of character creation through period and contemporary scene studies and class exercises. Prerequisite: THR105 or permission of Chair/Academic Dean. *Offered on: A-E-G / 2 cr. hrs.*

### **THR207: 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. (*offered spring semester only*) Prerequisite: THR105. *Offered on: A / 3 cr. hrs.*

### **THR210: 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. *Offered on: A / 3 cr. hrs.*

### **THR211: 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. Note: Fulfills SUNY General Education Requirement for Humanities and The Arts. No prerequisite. *Offered on: A / 3 cr. hrs.*

### **THR212: 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. Note: Fulfills SUNY General Education Requirement for Humanities and The Arts. No prerequisite. *Offered on: A / 3 cr. hrs.*

### **THR244: 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. (*offered fall semester only*) Prerequisites for Technical Theatre Sequence (THTT-AS): THR101, THR105, THR115, THR116, THR152, and THR153. *Offered on: A / 1.5 cr. hrs.*

### **THR295: SPECIAL TOPICS: THEATRE ARTS**

Special and current topics in Theatre Arts may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*



## TOYOTA T-TEN AUTOMOTIVE SERVICE

### TYT110: INTRODUCTION TO AUTOMOTIVE TECHNOLOGY

TYT110 will prepare the student to enter the workplace as an Automotive Technician while providing an overview of basic operating systems in modern motor vehicles. Safety and pollution prevention are highly stressed, along with the proper use of shop tools and machinery. This course will concurrently provide approved OSHA and EPA qualified safety training and certification through SP2. Hands-on tasks required by Automotive Service Excellence (ASE) and the National Automotive Technician Education Foundation (NATEF) in the area of Maintenance and light repair will be covered in detail. This course is designed to prepare the student for final hands-on skills validation and is heavily lab based. Students are expected to register for and attempt the ASE "G1" Maintenance and Light Repair examination by the end of this class. (*offered fall semester only*) (1 hr. lecture, 6 hrs. laboratory) Corequisite: TYT161 and TYT162. *Offered on: A / 3 cr. hrs.*

### TYT120: TOYOTA PORTFOLIO (T-PORT) / PRACTICUM I

The four units of T-Port/Practicum will provide the students the opportunity to build soft skills, prepare for and gain employment in an automotive dealership. Hands-on experience in a repair facility enables students to connect learning in the classroom with real world experience. This course is designed to help the student with employment related skills including resume writing, interview skills, job attainment, retention and certification. Registration in each of these courses requires that students purchase liability insurance through the College. Each student must complete the total number of required hours over the four-practicum units based on manufacturer requirements. (*offered fall semester only*) No prerequisite. *Offered on: A / 1 cr. hr.*

### TYT141: AUTOMOTIVE SUSPENSION AND STEERING

Automotive Suspension and Steering will explore the operation, diagnosis and repair of suspension, steering and vehicle handling related concerns. Major topics include suspension systems, steering systems, Tires and wheel alignment. This course will prepare the student for the ASE "A4" technician certification test. Hands-on tasks required by Automotive Service Excellence (ASE) and the National Automotive Technician Education Foundation (NATEF) in the area of suspension and steering will be covered in detail. This course is designed to prepare the student for final hands-on skills validation and is heavily lab based. Students are expected to register for and attempt the ASE A4 Suspension and Steering examination at the end of this class. (*offered spring semester only*) (.5 hr. lecture, 7.5 hrs. laboratory) Prerequisite: TYT110, TYT161, and TYT162. Corequisite: TYT151 and TYT171. *Offered on: A / 3 cr. hrs.*

### TYT151: AUTOMOTIVE BRAKES

TYT151 will explore the operation, diagnosis and repair of passenger vehicle and light truck braking systems and related concerns. Major topics include hydraulic systems, disc brake, drum brake and traction I stability control systems. This course will prepare the student for the ASE "A5" technician certification test. Hands-on tasks required by Automotive Service Excellence (ASE) and the National Automotive Technician Education Foundation (NATEF) in the area of brakes will be covered in detail. This course is designed to prepare the student for final hands-on skills validation and is heavily lab based. Students are expected to register for and attempt the ASE A5 Brakes examination at the end of this class. (*offered spring semester only*) (.5 hr. lecture, 7.5 hrs. laboratory) Prerequisite: TYT110, TYT161, and TYT162. Corequisite: TYT141 and TYT171. *Offered on: A / 3 cr. hrs.*

### TYT161: AUTOMOTIVE ELECTRICITY AND ELECTRONICS I

Automotive Electricity and Electronics I will explore the operation, diagnosis and repair of vehicle electrical and electronic system related concerns. Major topics include electrical and electronic theory, diagnostic tools and resources. This course will prepare the student for the ASE "A6" technician Certification test. Hands-on tasks required by Automotive Service Excellence (ASE) and the National Automotive Technician Education Foundation (NATEF) in the area of Electricity and Electronics will be covered in detail. This course is designed to prepare the student for final hands-on skills validation and is heavily lab based. Students are expected to register for and attempt the ASE A6 Electricity and Electronics examination at the end of TYT162. (*offered fall semester only*) (.5 hr. lecture, 7.5 hrs. laboratory) Corequisite: TYT110 and TYT162. *Offered on: A / 3 cr. hrs.*

### TYT162: AUTOMOTIVE ELECTRICITY AND ELECTRONICS II

Automotive Electricity and Electronics II will explore the diagnosis and repair of advanced level vehicle electrical and electronic system related concerns. Major topics include Electrical and electronic theory and diagnostic tools and resources. This course will prepare the student for the ASE "A6" technician certification test. Hands-on tasks required by Automotive Service Excellence (ASE) and the National Automotive Technician Education Foundation (NATEF) in the area of Electricity and electronics will be covered in detail. This course is designed to prepare the student for final hands-on skills validation and is heavily lab based. Students are expected to register for and attempt the ASE A6 Electricity and Electronics examination at the end of TYT162. (*offered fall semester only*) (.5 hr. lecture, 7.5 hrs. laboratory) Corequisite: TYT110 and TYT161. *Offered on: A / 3 cr. hrs.*

## Toyota T-TEN Automotive Service

### TYT171: AUTOMOTIVE HEATING AND AIR CONDITIONING

Automotive Heating and Air Conditioning will explore the operation, diagnosis and repair of vehicle heating, ventilation and Air Conditioning related concerns. Major topics include Heating and AC System theory and diagnostic tools and resources. This course will prepare the student for the ASE "A7" technician certification test. Hands-on tasks required by Automotive Service Excellence (ASE) and the National Automotive Technician Education Foundation (NATEF) in the area of Heating and Air conditioning will be covered in detail. This course is designed to prepare the student for final hands-on skills validation and is heavily lab based. Students are expected to register for and attempt the ASE A7 Heating and Air Conditioning examination at the end of this class. (offered spring semester only) (1 hr. lecture, 6 hrs. laboratory) Prerequisite: TYT110, TYT161, and TYT162. Corequisite: TYT141 and TYT151. Offered on: A / 3 cr. hrs.

### TYT211: AUTOMOTIVE ENGINE REPAIR

Automotive engine repair will explore the operation, diagnosis and repair of internal combustion engine related concerns. Major topics include engine removal and overhaul. Study will also include major systems and subsystems including lubrication and cooling system. This course will prepare the student for the ASE "A1" technician certification test. Hands-on tasks required by Automotive Service Excellence (ASE) and the National Automotive Technician Education Foundation (NATEF) in the area of Engine Repair will be covered in detail. This course is designed to prepare the student for final hands-on skills validation and is heavily lab based. Students are expected to register for and attempt the ASE A1 Engine Repair examination at the end of this class. (offered fall semester only) (1 hr. lecture, 6 hrs. laboratory) Prerequisite: TYT110, TYT161, and TYT162. Corequisite: TYT281 and TYT282. Offered on: A / 3 cr. hrs.

### TYT221: AUTOMATIC TRANSMISSION AND TRANSAXLE

Automatic Transmission and Transaxle will explore the operation, diagnosis and repair of automatic transmission and transaxle related concerns. Major topics include transmission/transaxle removal and overhaul. Study will also include transmission related systems and subsystems. This course will prepare the student for the ASE "A2" technician certification test. Hands-on tasks required by Automotive Service Excellence (ASE) and the National Automotive Technician Education Foundation (NATEF) in the area of automatic transmission and transaxle will be covered in detail. This course is designed to prepare the student for final hands-on skills validation and is heavily lab based. Students are expected to register for and attempt the ASE A2 Automatic Transmission and Transaxle examination at the end of this class. (offered spring semester only) (.5 hr. lecture, 7.5 hrs. laboratory) Prerequisite: TYT110, TYT161, and TYT162. Corequisite: TYT231. Offered on: A / 3 cr. hrs.

### TYT230: TOYOTA PORTFOLIO (T-PORT) / PRACTICUM II

The four units of T-Port/Practicum will provide the students the opportunity to build soft skills, prepare for and gain employment in an automotive dealership. Hands-on experience in a repair facility enables students to connect learning in the classroom with real world experience. This course is designed to help the student with employment related skills including resume writing, interview skills, job attainment, retention and certification. Registration in each of these courses requires that students purchase liability insurance through the College. Each student must complete the total number of required hours over the four-practicum units based on manufacturer requirements. (offered spring semester only) No prerequisite. Offered on: A / 1 cr. hr.

### TYT231: MANUAL TRANSMISSION AND DRIVETRAIN

Manual Transmission and Drivetrain will explore the operation, diagnosis and repair of manual transmission and drivetrain related concerns. Major topics include transmission/transaxle removal and overhaul. Study will also include transmission and drivetrain related systems and subsystems. This course will prepare the student for the ASE "A3" technician certification test. Hands-on tasks required by Automotive Service Excellence (ASE) and the National Automotive Technician Education Foundation (NATEF) in the area of manual transmission and drivetrain will be covered in detail. This course is designed to prepare the student for final hands-on skills validation and is heavily lab based. Students are expected to register for and attempt the ASE A3 Manual Transmission and Drivetrain examination at the end of this class. (offered spring semester only) (.5 hr. lecture, 7.5 hrs. laboratory) Prerequisite: TYT110, TYT161, and TYT162. Corequisite: TYT221. Offered on: A / 3 cr. hrs.

### TYT240: TOYOTA PORTFOLIO (T-PORT) / PRACTICUM III

The four units of T-Port/Practicum will provide the students the opportunity to build soft skills, prepare for and gain employment in an automotive dealership. Hands-on experience in a repair facility enables students to connect learning in the classroom with real world experience. This course is designed to help the student with employment related skills including resume writing, interview skills, job attainment, retention and certification. Registration in each of these courses requires that students purchase liability insurance through the College. Each student must complete the total number of required hours over the four-practicum units based on manufacturer requirements. (offered full semester only) No prerequisite. Offered on: A / 1 cr. hr.

**TYT250: TOYOTA PORTFOLIO (T-PORT) / PRACTICUM IV**

The four units of T-Port/Practicum will provide the students the opportunity to build soft skills, prepare for and gain employment in an automotive dealership. Hands-on experience in a repair facility enables students to connect learning in the classroom with real world experience. This course is designed to help the student with employment related skills including resume writing, interview skills, job attainment, retention and certification. Registration in each of these courses requires that students purchase liability insurance through the College. Each student must complete the total number of required hours over the four-practicum units based on manufacturer requirements. *(offered spring semester only)* No prerequisite. *Offered on: A / 1 cr. hr.*

**TYT281: ENGINE PERFORMANCE I**

Engine Performance I will explore the operation, diagnosis and repair of engine control system related concerns. Major topics include Sensor inputs, Control Module processing and outputs. Study will also include major systems and subsystems including air intake, fuel delivery and ignition systems. This course, along with Engine Performance II, will prepare the student for the ASE "A8" technician certification test. Hands-on tasks required by Automotive Service Excellence (ASE) and the National Automotive Technician Education Foundation (NATEF) in the area of Engine Performance will be covered. This course is designed to prepare the student for final hands-on skills validation and is heavily lab based. On-car diagnostic testing using the Toyota Techstream scan tool, digital multimeter, PC based oscilloscope and other related diagnostic equipment will be covered in detail. Students are expected to register for and attempt the ASE A8 Engine Performance examination at the end of TYT282. *(offered fall semester only)* (.5 hr. lecture, 7.5 hrs. laboratory) Prerequisite: TYT161 and TYT162. Corequisite: TYT211 and TYT282. *Offered on: A / 3 cr. hrs.*

**TYT282: ENGINE PERFORMANCE II**

Engine Performance II will explore the operation, diagnosis and repair of engine control system related concerns. Major topics include Emissions Control system and advanced diagnostics. This course, along with Engine Performance I, will prepare the student for the ASE "A8" technician certification test. Hands-on tasks required by Automotive Service Excellence (ASE) and the National Automotive Technician Education Foundation (NATEF) in the area of Engine Performance will be covered. This course is designed to prepare the student for final hands-on skills validation and is heavily lab based. On-car diagnostic testing using the Toyota Techstream scan tool, digital multimeter, PC based oscilloscope and other related diagnostic equipment will be covered in detail. Students are expected to register for and attempt the ASE A8 Engine Performance examination by the end of this class. *(offered fall semester only)* (.5 hr. lecture, 7.5 hrs. laboratory) Prerequisite: TYT161 and TYT162. Corequisite: TYT211 and TYT281. *Offered on: A / 3 cr. hrs.*

**VETERINARY SCIENCE TECHNOLOGY****VST100: COLLEGE SEMINAR FOR VETERINARY SCIENCE TECHNOLOGY**

Contextualized methods and techniques, which can promote student perseverance and success in the College's VST program. Specific topics include history of veterinary technology as a licensed profession, potential employment opportunities, professional standards of communication, and developing team-building skills. The importance of research skills, lifelong learning, and active engagement in professional organizations will be emphasized. *(offered fall semester only)* No prerequisite. Restricted to VST students. *Offered on: G / 1 cr. hr.*

**VST101: 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. *(offered fall semester only)* (1 hr. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: G / 2 cr. hrs.*

## Veterinary Science Technology

### VST102: 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. (*offered fall semester only*) (2 hrs. lecture, 3 hrs. laboratory) No prerequisite. *Offered on: G / 3 cr. hrs.*

### VST111: 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. (*offered spring semester only*) (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: VST101 and VST102, or permission of Chair / Academic Dean. *Offered on: G / 3 cr. hrs.*

### VST112: 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. (*offered spring semester only*) (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: VST102 and CHE120, or permission of Chair / Academic Dean. *Offered on: G / 4 cr. hrs.*

### VST114: 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. (*offered spring semester only*) No prerequisite. *Offered on: G / 2 cr. hrs.*

### VST201: 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. (*offered fall semester only*) (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: VST101, VST102, and VST111 or permission of Chair / Academic Dean. *Offered on: G / 3 cr. hrs.*

### VST202: 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. (*offered fall semester only*) (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: VST111, VST112 and CHE120 or permission of Chair / Academic Dean. *Offered on: G / 3 cr. hrs.*

### VST203: 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. (*offered fall semester only*) (1 hr. lecture, 8 hrs. clinical) Prerequisite: VST111 or permission of Chair / Academic Dean. *Offered on: G / 3 cr. hrs.*

### VST205: 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. (*offered fall semester only*) Prerequisite: VST102 and VST111 or permission of Chair / Academic Dean. *Offered on: G / 3 cr. hrs.*

**VST206: 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. (*offered fall semester only*) (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: VST111, VST112 and CHE120 or permission of Chair/Academic Dean. *Offered on: G / 4 cr. hrs.*

**VST212: 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. (*offered spring semester only*) (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: VST202 or permission of Chair/Academic Dean. *Offered on: G / 3 cr. hrs.*

**VST213: 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. (*offered spring semester only*) (1 hr. lecture, 8 hrs. clinical) Prerequisite: VST111 or permission of Chair/Academic Dean. *Offered on: G / 3 cr. hrs.*

**VST216: SURGICAL NURSING AND ANESTHESIOLOGY**

Prepares students to monitor veterinary patient throughout all aspects of anesthesia and surgery. Responsibilities include daily monitoring of patient, and pre-surgical assessments through post-surgical care. Different forms and levels of anesthesia are reviewed. Emphasis on practical patient care includes maintenance of surgical instrumentation and monitoring equipment. (*offered spring semester only*) 3 hrs. lecture, 3 hrs. laboratory) Prerequisite: VST202, VST205, and VST206, or permission of Chair/Academic Dean. *Offered on: G / 4 cr. hrs.*

**WOMEN'S STUDIES**

*Note: Curriculum outline may be found under LIBERAL ARTS AND SCIENCES: WOMEN'S AND GENDER STUDIES EMPHASIS A.A. DEGREE*

**WST112: WOMEN'S SEMINAR**

Required for but not restricted to Women's Studies students. Students who successfully complete WST112 have satisfied the COL101: College 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 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. *Offered on: A-E / 1.5 cr. hrs.*

**WST116/HUM116: 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. *Offered on: A-E-G / 3 cr. hrs.*

**WST122/HUM122: 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. *Offered on: A / 3 cr. hrs.*

**WST124/HUM124: 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 caretakers; alternative medicines and treatments. No prerequisite. *Offered on: A / 3 cr. hrs.*



## Women's Studies

### **WST130/HUM130: CAREER INTERNSHIP: EQUITY, CHOICE, 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 fieldwork, students attend 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 Chair/Academic Dean. Recommended: minimum of 12 credit hours. *Offered on: A-E / 3 cr. hrs.*

### **HIS105: 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. Note: Fulfills SUNY General Education Requirement for American History. No prerequisite. *Offered on: A-E / 3 cr. hrs.*

### **PHL113: 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. Note: Fulfills SUNY General Education Requirement for Humanities. No prerequisite. *Offered on: A / 3 cr. hrs.*

### **PSY212: 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 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. Note: Fulfills SUNY General Education Requirement for Social Sciences. *(offered spring semester only)* Prerequisite PSY101. *Offered on: A / 3 cr. hrs.*

### **SOC215: 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. *Offered on: A-E-G / 3 cr. hrs.*

### **WST149/HUM149: WOMEN AND THE ARTS**

Interdisciplinary rotating course, its content varying from semester to semester. No prerequisite. *Offered on: A / 3 cr. hrs.*

### **WST295/HUM295: SPECIAL TOPICS: WOMEN'S AND GENDER STUDIES**

Special and current topics in Women's and Gender Studies may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

### **WST296/HUM296: SPECIAL TOPICS HONORS: WOMEN'S AND GENDER STUDIES**

Honors special topics 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 "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

## Alumnus Profile

### Patrick Tracey – Class of 1977

#### *Current Occupation:*

Senior Vice President, Computershare, Inc.

#### *Why I Chose Suffolk:*

“For me, attending Suffolk was a family affair. My older brother attended and then two of my younger sisters followed in my path. Suffolk was an excellent place to start - small class settings, a flexible schedule and tremendous attention from my professors. I participated in the Federal Work-Study program, where I worked at the Middle Country Library while attending school. This made it easier for me to afford college and I made some lifelong friends along the way. At Suffolk, I can truly say I had a full college experience and was completely prepared to take on the next phase of my life at NYU.”

#### *Academic and Career Highlights:*

After graduating from Suffolk County Community College, Mr. Tracey earned a bachelor’s degree from New York University’s College of Business and Public Administration. Throughout his career, Mr. Tracey has worked with several hundred mutual insurance and thrift institutions, aiding them with demutualization, special and annual meetings, mutual holding company formation, and other related transactions. Currently, Mr. Tracey works at Computershare on the business development team offering transfer agent, governance and compliance services to publicly and privately held companies.

Mr. Tracey recently served as the President for the New York Chapter of the National Investor Relations Institute (NIRI) for the 2014-2015 season. He managed the internship program for NIRI NY’s partnership with Tuesday’s Children, the official 9/11 family victim charity. This program places member students in paid internships in investor relations and corporate communication departments in the Tri-state area.





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# SUFFOLK COMMUNITY COLLEGE FOUNDATION, INC.

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 civil rights 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, and to 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 rare artifacts, documents and photographs on the Holocaust and on slavery.

CHDHU conducts an annual art competition leading up to an exhibition known as Embracing Our Differences – Long Island and offers numerous educational programs and tours throughout the year.

CHDHU is governed by a Board of Directors representing both the college and the community.

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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
- ANDREW WITTKAMPER, Professor of Theatre  
A.S., B.A., Indiana University; M.F.A., University of Massachusetts
- KAREN M. WOLF, Professor of Communication Studies  
B.S., M.A., Syracuse University; Ph.D., University of Massachusetts at Amherst
- DEBORAH WOLFSON, Associate Professor of Mathematics; Excelsior Program Liaison  
B.A., State University of New York at Buffalo; M.S., Adelphi University
- JOSHUA WOLFSON, Assistant Professor 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, Assistant Professor 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 WYNNNE, 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
- CHARLES D. YEAGER, JR., Assistant Professor of Social Sciences  
B.S., M.S., Southern Illinois University; Ph.D., Indiana State 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
- YINGFAN ZHANG, Professor of Communications Studies  
B.A., M.A., Peking University; M.A., Bloomsburg University; Ph.D., Rensselaer Polytechnic Institute

YU ZHANG, Assistant Professor 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., Hofstra  
University; CAS, Long Island University  
KELLY ZYDEL, Professional Assistant I -  
Veterinary Science  
A.A.S., State University of New York: Suffolk  
County Community College; B.S., Cornell  
University

### 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  
John Bockino, Economics  
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 Crosley, Nursing  
Aurelea Curtis, Mathematics  
John S. Dempsey, Criminal Justice  
Daniel B. DePonte, Associate Dean of Students  
James DeSario, Photographic Imaging  
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 Hamilton, Economics  
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 Kiesel, 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  
Marianne McAuley, Nursing  
Marilyn McCall, Graphic Design  
Charles McCarthy, Science  
Raymond A. McCartney, Mathematics  
Regina McEaney, Library Services  
Grace McGorry, Placement  
Morton Mecklosky, Mathematics  
Merilyn Merenda, Communications  
Lois Mignone, Foreign Language  
David E. Miller, Communications-Theatre  
Mary Ann Miller, Library Services  
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

## FULL-TIME FACULTY AND INSTRUCTIONAL STAFF

Linda Sabatino, Biology  
Arthur W. Sanders, Office Administration  
Ivan Sanders, English  
Maria Santalla, Foreign Languages  
Jack Schanfeld, Social Sciences  
Jean Ann Scharpf, Physical Education  
Ellen Schuler Mauk, English  
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  
Reynold S. Welch, Biology  
William Welsh, Director of Business Affairs  
Rainer Weschke, Engineering/Electrical  
Technology  
Norman R. West, History  
Jian Zhang, Reading

### Recipients of State University of New York Chancellor's Awards for Excellence

**2016**

Joseph Napolitano, Teaching  
Vladimir Jurukovski, Faculty Service  
Rosa Gambier, Faculty Service

**2015**

Jerry Chen, Teaching  
Mark Bourdeau, Teaching  
Jason Kankel, Professional Service  
Jo Curtis Lester, Teaching  
Leanne Warshauer, Faculty Service  
Kelliann Schrage Flores, Excellence in Adjunct  
Teaching

Krystyna Janicka-Wlodek, Excellence in Adjunct  
Teaching

**2014**

Junius Atkins, Classified Service  
Amy Czura, Faculty Service  
Andrew Fawcett, Professional Service  
Christopher Gherardi, Professional Service  
Dan Gilhooley, Scholarship and Creative Activities

**2013**

Maria Alzugaray Rodriguez, Teaching  
Theresa Dereme, Professional Service  
Scott Giaccone, Teaching

**2012**

Edward Hassildine, Professional Service  
Virginia Horan, Teaching  
Faye Lourenso, Faculty Service  
Anamaria Monaco, Teaching  
Jane Shearer, Professional Service  
Sharon Silverstein, Professional Service

**2011**

Thomas Bovino, Professional Service  
Laurette Lizak, Teaching  
Mary Ann Miller, Professional Service (retired)

Sharon Niggemeier, Teaching  
Susan Orlando, Professional Service  
Mohini Ratna, Professional Service  
Michaelann Tostanoski, Faculty Service

**2010**

Sarah Acunzo, Teaching  
Jodi Gaete, Faculty Service  
Debra Ann Gerrie, Professional Service  
Laura Levine, Classified Service  
Eric Weinstein, Teaching

**2009**

Joan Anderson, Teaching (retired)  
Susan DeMasi, Librarianship  
James Fulton, Teaching  
Susan Fanning, Teaching  
Marie Hanna, Teaching  
Anne Menendez, Professional Services  
Ana Menendez-Collera, Teaching  
George Tvelia, Professional Service  
Andrew Wittkamper, Creative Activities  
Deborah Wolfson, Teaching

**2008**

Penny Bealle, Librarianship  
Christine Crowe, Professional Service  
Kerry Hoffman, Teaching  
Steven Lantz-Gefroh, Teaching  
John Pryputniewicz, Faculty Service (retired)

**2007**

James Byrne, Creative Activities  
Candice Foley, Faculty Service  
Mahin Gosine, Teaching  
Richard Johnston, Professional Service  
Lauri Hutt Kahn, Teaching  
Lisa Melendez, Librarianship  
June Ohrnberger, Professional Service  
Robert Rovegno, Teaching  
Victoria Siegel, Teaching  
William Welsh, Professional Service (retired)

**2006**

Alan J. Bernstein, Faculty Service  
Dan Gilhooley, Teaching  
Raymond J. Reardon, Sr., Professional Service  
Kathie Ann Rogers, Teaching (retired)  
Linda Sprague, Professional Service  
Jane-Marie Wright, Teaching

**2005**

Charles Bartolotta, Professional Service  
Craig Boyd, Scholarship and Creative Activities  
Elizabeth Chu, Teaching  
Peter DiGregorio, Professional Service  
Joyce Gabriele, Librarianship  
Lars Hedstrom, Jr., Teaching  
Dorothy J. Laffin, Faculty Service  
S. Arthur Lundahl, Professional Service  
Richard Mizdal, Teaching (retired)  
Kevin Peterman, Faculty Service

**2004**

Anna Aliotta-Flack, Professional Service  
Kevin Patrick Foley, Teaching  
Donald M. Gilzinger, Jr., Teaching (retired)  
Regina Keller, Teaching  
John William Kulkosky, Teaching  
Marilyn McCall, Teaching (retired)



Carol A. McGorry, Teaching  
 Kathryn R. Payette, Professional Service (retired)  
 Nancy A. Penncavage, Teaching  
 Dennis Reissig, Professional Service

**2003**

John Bockino, Teaching (retired)  
 Cynthia Eaton, Teaching  
 Allen Jacobs, Professional Service  
 Ruth M. Kolk, Teaching  
 Samuel Ligon, Teaching  
 Naomi D. Phelps, Professional Service (retired)  
 Timothy R. Sebesta, Professional Service

**2002**

Beverly R. Broomell, Teaching (retired)  
 Michael T. Gerien, Teaching (retired)  
 Judith Koodin, Professional Service (retired)  
 Marianne McAuley, Teaching (retired)  
 Helen A. Wist, Teaching  
 Jian Zhang, Professional Service (retired)

**2001**

Robert Beodeker, Professional Service  
 David Brenner, Teaching (retired)  
 Diane Bosco, Teaching  
 Maureen A. Clinton, Teaching  
 Daniel Giancola, Teaching  
 Lowell Kleiman, Professional Service  
 Steven C. Klipstein, Teaching  
 Elisa A. Mancuso, Teaching

**2000**

Dorothy M. Chanin, Professional Service (retired)  
 Ronald A. Feinberg, Teaching  
 Donald S. Kisiel, Teaching (retired)  
 Frances F. LaFauci, Teaching (retired)  
 Charles L. McCarthy, Jr., Teaching (retired)  
 Kevin McCoy, Librarianship  
 Linda O'Connell, Teaching (retired)

**1998**

Michele Aquino, Teaching (retired)  
 Gary P. Campbell, Teaching  
 Donald R. Ferruzzi, Teaching  
 Marilyn J. Levine, Teaching (retired)  
 Anthony R. Napoli, Professional Service  
 Dorothy Patrick, Professional Service (retired)  
 Barbara D. Ripel, Teaching (retired)  
 Jean Ann Scharpf, Teaching (retired)  
 Gayle Sheridan, Professional Service

**1997**

Maryanne T. Barry, Teaching (retired)  
 Josephine A. Freedman, Teaching (retired)  
 Carole Gambrell, Librarianship (retired)  
 Cheryl Ann Gillespie, Teaching  
 Carol Longo, Librarianship (retired)  
 Scott Mandia, Teaching  
 Christine Misener, Teaching (retired)

Sofia C. Papadimitriou, Professional Service  
 Linda Ann Sabatino, Teaching (retired)  
 Arthur W. Sanders, Teaching (retired)  
 Robert J. Stone, Teaching (retired)  
 Betty M. Tobias, Teaching (retired)

**1996**

Linda E. Barber, Teaching  
 Mary Crosley, Teaching (retired)  
 Betty Deroski, Teaching (retired)  
 Celeste DeSario, Teaching  
 Joan D. Garnar, Professional Service (retired)  
 Dan Gilhooley, Professional Service  
 Mary Anne Huntington, Professional Service (retired)

Paul Kaplan, Teaching (retired)  
 Carmie Ann Perrotta Lewis, Teaching (retired)  
 Jay Schwartz, Librarianship (retired)  
 Jeffrey R. Silverstein, Teaching

**1995**

Kathryn Benjamin, Teaching (retired)  
 Maureen G. Bybee, Teaching  
 Lawrence J. Epstein, Teaching (retired)  
 M. Bernadette Garcia, Professional Service  
 Caroline A. Gould, Teaching (retired)  
 Russell Gusack, Teaching  
 Eileen Kamil, Teaching (retired)

**1983**

Gerald Speal, Teaching (retired)  
 Albin J. Cofone, Professional Service

**1981**

Douglas Steele, Professional Service (retired)

**1979**

Grace McGorry, Professional Service (retired)

Elaine P. Preston, Teaching (retired)

**1978**

George J. Hiltner III, Professional Service (retired)

Robert M. Weinstein, Teaching

**1977**

Connell J. Boyle, Teaching (retired)

Grace Dolan, Teaching (retired)

**1976**

Mario Caprio, Teaching (retired)

Donald R. Coscia, Teaching (retired)

Ronald Surprenant, Teaching (retired)

**1975**

Robert L. Arrigon, Teaching (retired)

Mary Ann Borrello, Teaching

Charles S. Grippi, Teaching (retired)

Peter Herron, Teaching (retired)

**1973**

Lloyd G. Becker, Teaching (retired)

Harriette T. Novick, Teaching (retired)

**Recipient of State University of New York Distinguished Professor Rank**

S. Arthur Lundahl, Service, 2008

**Adjunct Faculty and Instructional Staff***(Active as of Spring 2016)***A**

Joseph Abelson, Adjunct Assistant Professor, Mathematics  
 Sameera Abeykoon, Adjunct Instructor, Physics  
 Stephen Abrams, Adjunct Professional Assistant I, Biology  
 Michael Acampora, Adjunct Assistant Professor, Accounting  
 Joshua Accardo-Bolanos, Adjunct Instructor, College Seminar/Philosophy  
 Andrea Acerra-Colletta, Adjunct Instructor, Early Childhood Development  
 Stephen Acquaro, Adjunct Professional Assistant I, Biology  
 Richard Acritelli, Adjunct Assistant Professor, History  
 Judith Adams, Adjunct Professional Assistant I, Chemical Dependency  
 James Adamski, Adjunct Instructor, Chemistry  
 Bertha Adeniji, Adjunct Instructor, Liberty Partnership  
 Rakhi Agarwal, Adjunct Instructor, Biology  
 Michael Agostino, Adjunct Instructor, Counseling  
 John Agria, Adjunct Professor, Political Science  
 Lisa Aiello, Adjunct Instructor, Chemical Dependency  
 Susan Aiello, Adjunct Assistant Professor, English as a Second Language/College Seminar  
 Darlene Aiken, Adjunct Instructor, Foreign Language  
 Russell Ainbinder, Adjunct Professional Assistant II, Earth and Space Science  
 Anna Aiuto, Adjunct Professional Assistant I, Academic Computing  
 Linda J. Aiuto, Adjunct Assistant Professor, English as a Second Language  
 Amela Ajan, Adjunct Professional Assistant I, Financial Aid  
 Marie Alarcon, Adjunct Instructor, Nursing  
 Jennifer Albanese, Adjunct Instructor, English  
 Erick Alburez, Adjunct Instructor, English as a Second Language  
 Margaret Alexandre, Adjunct Assistant Professor, Nursing  
 Naheda J. Al Hihi, Adjunct Assistant Professor, Business/College Seminar  
 Juan Alicea, Adjunct Professional Assistant, Chemistry  
 Elisabeth Aliperti, Adjunct Assistant Professor, Italian  
 Ellen Allen, Adjunct Assistant Professor, English  
 John A. Allsopp, Adjunct Professor, Mathematics  
 Joseph Alongi, Adjunct Assistant Professor, Mathematics  
 Nicole Alvanos, Adjunct Instructor, Reading/College Seminar  
 Janice Alves, Adjunct Instructor, Nursing  
 Christine Amato, Adjunct Instructor, Visual Arts  
 Vincent G. Amato, Adjunct Assistant Professor, Psychology  
 Matthew Ambrosio, Adjunct Instructor, College Seminar  
 John Ammerman, Adjunct Professor, Business Law/Criminal Justice  
 Masina Amodemo, Adjunct Instructor, English

Fifi Anastasiadis, Adjunct Instructor, Business/College Seminar  
 Charles Anderson, Adjunct Professor, English  
 Deborah Anderson, Adjunct Assistant Professor, Psychology  
 Joan Anderson, Adjunct Professor, Nursing  
 Kerry Anderson, Adjunct Professional Assistant I, Admissions  
 Mary Anderson, Adjunct Assistant Professor, Sociology  
 Janice Anderson-Small, Adjunct Instructor, Counseling  
 Kathleen Andrews, Adjunct Instructor, Reading  
 Barbara Angelo, Professional Assistant I, Academic Skills Center  
 Lisa Angius-Cosgrove, Adjunct Assistant Professor, English/College Seminar  
 Michele Antico, Adjunct Instructor, Chemistry  
 Nicholas Antonucci, Adjunct Associate Professor, History  
 Jesus Antoshka, Professional Assistant I, Visual Arts  
 Alexis Antrobus, Adjunct Professional Assistant I, Biology  
 Jonathan Anzalone, Adjunct Instructor, History  
 Robert Anzalone, Adjunct Associate Professor, Political Science/History  
 Alexis Aparo, Adjunct Instructor, Nursing  
 Jenna Appelbaum, Adjunct Instructor, English  
 Vanessa Aquino, Adjunct Professional Assistant I, Counseling/Financial Aid  
 Maria P. Archdeacon, Adjunct Assistant Professor, Biology  
 Silin Arcidiacono, Adjunct Professional Assistant II, Practical Nursing  
 Julia Arena, Adjunct Instructor, Mathematics  
 Jamie Aridas, Adjunct Professional Assistant I, Counseling/Admissions  
 Raul Armendariz, Adjunct Instructor, Physics  
 Anthony Arno, Adjunct Instructor, Engineering and Technology  
 Theresa Arrigon, Adjunct Associate Professor, English  
 Jennifer Aspell, Adjunct Professional Assistant I, Biology  
 Diane Asser, Adjunct Instructor, Engineering and Technology  
 Kalpana Astras, Adjunct Instructor, Biology  
 Debbie Atanasio, Adjunct Instructor, Counseling  
 Kira Atkins, Adjunct Instructor, Accounting/College Seminar  
 Christopher Atwood, Adjunct Assistant Professor, Electrical Technology  
 Melissa Auerbach, Adjunct Instructor, Psychology  
 Ilene Augenlicht, Adjunct Assistant Professor, Psychology/Sociology

**B**

Linda Baccoli, Adjunct Instructor, Reading  
 Brandon Badalamente, Adjunct Professional Assistant, Educational Technology Unit  
 Leonard Badia, Adjunct Assistant Professor, Criminal Justice/Business Law/College Seminar  
 Jennifer Bagnasco, Adjunct Instructor, Marine Biology  
 Paul Baisley, Adjunct Instructor, Business Law  
 Laura Baldassare, Adjunct Professional Assistant I, Center for Academic Excellence  
 Louis Balsamo, Adjunct Instructor, Counseling

- Marisa Balsamo, Adjunct Instructor, History/Social Science  
 Marylouise Balsamo, Adjunct Instructor, Reading  
 Marylin N. Baracks, Adjunct Assistant Professor, Reading/College Seminar  
 Linda Barahal-Norman, Adjunct Assistant Professor, Mathematics  
 Judy Baransky, Adjunct Professional Assistant I, Student Activities  
 Pedro Barbeito, Adjunct Instructor, Visual Arts  
 Jocelyn Bard, Adjunct Assistant Professor, Counseling  
 Robert Barker, Adjunct Instructor, Environmental Science  
 Marie Barnouw, Adjunct Professional Assistant II, Biology  
 Carine Baron, Adjunct Professional Assistant I, Liberty Partnership  
 John Baron, Adjunct Professional Assistant, Culinary Arts  
 Mary Barr, Adjunct Instructor, English  
 Nicola Barratt, Adjunct Assistant Professor, Biology  
 John J. Barrett, Adjunct Professor, Philosophy/Humanities/College Seminar  
 Monique Barricelli, Adjunct Professional Assistant I, Center for Academic Excellence  
 Heather Barry, Adjunct Associate Professor, History  
 Mary E. Bartol, Adjunct Professional Assistant I, Academic Affairs  
 Jennifer Basford, Adjunct Professional Assistant I, Chemistry  
 Jean Basile, Adjunct Instructor, Chemical Dependency  
 Giuseppe Battista, Adjunct Professor, Italian/Spanish  
 Nathan Baum, Adjunct Instructor, Library Services  
 Robert Baumann, Adjunct Instructor, Criminal Justice  
 Alice Baumer, Adjunct Professional Assistant I, Career Services  
 Ralph Bavaro, Adjunct Instructor, Corporate Training  
 Donald Bayles, Adjunct Professional Assistant I, Health Careers  
 Karen Bayliss, Adjunct Professional Assistant I, Nursing  
 Kim Beck, Adjunct Instructor, Spanish  
 Lloyd Becker, Adjunct Professor, English  
 Robert Becker, Adjunct Assistant Professor, English  
 William Beckert, Adjunct Professional Assistant II, Physical Education  
 Kathy Bedka, Adjunct Instructor, American Sign Language  
 Christine Behrendt, Adjunct Professional Assistant II, Mathematics  
 Elizabeth Behrens, Adjunct Associate Professor/Library Services  
 Michael Belajonas, Adjunct Professor, Music  
 Michael Belizar, Adjunct Instructor, Chemistry  
 Stanley Belizar, Adjunct Professional Assistant I, Chemistry  
 Steven Bellavia, Adjunct Professional Assistant I, Earth and Space Science  
 Christine Bellini-Zaher, Adjunct Professional Assistant II, Occupational Therapy  
 Joseph V. Beltrani, Adjunct Instructor, Fire Protection Technology  
 Maryann Bencivenga, Adjunct Associate Professor, English/Humanities  
 David Bender, Adjunct Instructor, Biology  
 James Beneduce, Adjunct Assistant Professor, Theatre Arts  
 Blaise Bennardo, Adjunct Instructor, English  
 Donna Bennett, Adjunct Assistant Professor, Spanish  
 Laura Benvenuto, Adjunct Instructor, Mathematics  
 Maida Berenblatt, Adjunct Professor, Psychology/Health Careers  
 Danielle Berg, Adjunct Professional Assistant I, Writing Center  
 Stephen Berg, Adjunct Professor, Psychology/College Seminar  
 Patricia A. Bergel, Adjunct Assistant Professor, Library Research  
 Jason Berger, Adjunct Professional Assistant I, Biology, Marine Biology, Chemistry  
 Lisa Bergman, Adjunct Assistant Professor, Counseling  
 Lauren Bergmann, Adjunct Professional Assistant I, Biology  
 Margaret Bergmann, Adjunct Professional Assistant I, Biology  
 Mary Bergmann, Adjunct Instructor, Physical Education  
 Linda Berke, Adjunct Instructor, Corporate Training  
 Kevin Berler, Adjunct Professional Assistant I, Meteorology  
 Gabriela Bermudez-Corrales, Adjunct Instructor, Chemistry  
 Erasto Bernard, Adjunct Instructor, Computer Science/College Seminar  
 Katherine Bernard, Adjunct Instructor, Dietetic Technician  
 Joseph Bernat, Adjunct Professional Assistant I, Mathematics  
 Lauren R. Bernat, Adjunct Instructor, Library Services  
 Maryann Bernero, Adjunct Assistant Professor, Biology/Horticulture  
 Bruce Berns, Adjunct Assistant Professor, Biology  
 Meredith Bernstein, Adjunct Instructor, Mathematics  
 Patricia Bernstein, Adjunct Instructor, Nursing  
 Stuart Bernstein, Adjunct Instructor, History  
 Abdelkrim Berrada, Adjunct Assistant Professor, Biology  
 Michael Berrell, Adjunct Instructor, Visual Arts  
 Justin Berry, Adjunct Instructor, Visual Arts  
 Danielle L. Bertuccio, Adjunct Instructor, Philosophy/College Seminar  
 Dawn Berube, Adjunct Instructor, Nursing  
 Allison Betancourt, Adjunct Professional Assistant I, Biology  
 Justin M. Beyersdorfer, Adjunct Instructor, History/Philosophy  
 Vatsala Bhaskaran, Adjunct Assistant Professor, English as a Second Language  
 Kavita Bhatt, Adjunct Instructor, Biology  
 John Biemer, Adjunct Instructor, Construction Technology  
 Bernard A. Bilawsky, Adjunct Instructor, Business  
 Jonathan Bingham, Adjunct Instructor, Biology  
 Lauren Biscardi, Adjunct Instructor, Computer Science/Information Technology  
 Richard Biscardi, Adjunct Associate Professor, Electrical Engineering Technology

## ADJUNCT FACULTY AND INSTRUCTIONAL STAFF

Andrea Bisignani, Adjunct Professional Assistant I, Culinary Arts  
 Sheryl Bjorndahl, Adjunct Instructor, College Seminar  
 John Black, Adjunct Associate Professor, College Seminar  
 Julie Black, Adjunct Instructor, College Seminar  
 Nancy A. Black, Adjunct Instructor, Marine Biology  
 Melissa Bladek, Adjunct Professional Assistant I, Biology  
 Patricia Blake, Adjunct Associate Professor, Business Law  
 Cheryl Blando-Coscia, Adjunct Associate Professor, Biology / Chemistry  
 John Blom, Adjunct Assistant Professor, Mathematics  
 Casey M. Bloom, Adjunct Professional Assistant I, Adult Learner Program  
 David Blydenburgh, Adjunct Instructor, Culinary Arts  
 William Blydenburgh, Adjunct Instructor, English  
 Joyce H. Bock, Adjunct Assistant Professor, English  
 Diane Bockino, Adjunct Specialist I, Biology  
 John Bockino, Adjunct Professor, Economics  
 Ralph Bockino, Adjunct Associate Professor, Economics / Business  
 Nancy Bodnar, Adjunct Instructor, Nursing  
 Richard A. Boehler, Adjunct Assistant Professor, Biology  
 Jennifer Boese, Adjunct Instructor, Student Affairs  
 Rachel Bohlman, Adjunct Instructor, English  
 Joy Bolger, Adjunct Assistant Professor, Psychology  
 Kevin Bolier, Adjunct Instructor, College Seminar  
 Paul Bolin, Adjunct Instructor, Theatre Arts  
 Stephanie Bolognese, Adjunct Instructor, Nursing  
 Justine Bonanno, Adjunct Instructor / Professional Assistant II, Mathematics  
 Danielle Bonasera, Adjunct Professional Assistant I, Educational Opportunity Program  
 Cathy Bondi, Adjunct Professional Assistant I, Foreign Language  
 Charlotte Bongiorno, Adjunct Instructor, Mathematics  
 Sarah Bonocore, Professional Assistant, Culinary Arts  
 Kerriann Boorum, Adjunct Instructor, Early Childhood Education  
 Laura Borghardt, Adjunct Professional Assistant II, Biology / Chemistry  
 Maureen A. Borkowski, Adjunct Instructor, Chemical Dependency Counseling  
 Dennis Bost, Adjunct Instructor, Nursing  
 Sabra A. Boughton, Adjunct Professor, Nursing  
 Tejas Bouklas, Adjunct Assistant Professor, Biology  
 Johanna Boutcher, Adjunct Professional Assistant I, Educational Technology Unit  
 Karen Boyce, Adjunct Professional Assistant I, Academic Computing  
 Jennifer Boyd, Adjunct Instructor, Biology  
 Eileen Boylston, Adjunct Professional Assistant II, Biology  
 Gregory C. Bracco, Adjunct Professional Assistant I, Radio / TV / Film  
 Christine Bradley-Hart, Adjunct Instructor, Reading / College Seminar  
 Craig Brand, Adjunct Professional Assistant I, Biology  
 Philip Branigan, Adjunct Instructor, Criminal Justice  
 Pietrina Bravata, Adjunct Instructor, Nursing  
 Gail Braverman, Adjunct Professor, English  
 Jeannette Bravo, Adjunct Professor, Business / College Seminar  
 April Brazill, Adjunct Instructor, Library Research  
 Liz Brecht, Adjunct Instructor, Spanish  
 John Bredemeyer III, Adjunct Professional Assistant II, Biology / Chemistry  
 Catherine Brennan, Adjunct Instructor, Communications  
 Christoph Brennan, Adjunct Assistant Professor, Fire Science  
 Eileen M. Brennan, Adjunct Assistant Professor, Criminal Justice  
 David Brenner, Adjunct Professor, Physical Education / Health Careers  
 Mark W. Brenner, Adjunct Instructor, Health Careers  
 Lois Bressler, Adjunct Professional Assistant II, Reading  
 Douglas Brett, Adjunct Instructor, Music  
 Laurel Brett, Adjunct Associate Professor, English / Humanities / Women Studies  
 Alicia Lauren Brienza, Adjunct Instructor, English  
 Anthony Brienza, Adjunct Instructor, English  
 Paulette Brinka, Adjunct Instructor, Communications / College Seminar  
 Valerie Briston, Adjunct Instructor, Accounting  
 Jill Britton, Adjunct Instructor, English  
 Linda Britton, Adjunct Instructor, English as a Second Language  
 Richard Britton, Adjunct Professor, English  
 Evelyn Brodbeck, Adjunct Professor, Mathematics  
 Linda Brody, Adjunct Professor, Mathematics  
 Michael J. Brody, Adjunct Instructor, Accounting  
 Craig Brooks, Adjunct Instructor, Criminal Justice  
 Danielle Brooks, Adjunct Instructor, History  
 David Brooks, Adjunct Instructor, Music  
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 Thomas Brown, Adjunct Instructor, Accounting  
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 Sally Bruno, Adjunct Instructor, American Sign Language  
 Amber L. Bryant, Adjunct Instructor, English  
 Lindsay Bryde, Adjunct Instructor, English  
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 Walter R. Burak, Adjunct Assistant Professor, Marine Biology

- Deborah Burden, Adjunct Professor, Counseling / Enrollment Management
- John Burgess, Adjunct Professor, Physical Education
- Mark Burkhalter, Adjunct Professional Assistant, Radio/TV/Film
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- Matthew Paul Burns, Adjunct Instructor, Biology
- Roberta Burns, Adjunct Professional Assistant I, Business Services
- Jennifer Burns-Peterson, Adjunct Instructor, Dietetic Technician
- Robert Busby, Adjunct Assistant Professor, History
- Gregory Bush, Adjunct Professor, Economics/Social Science
- Jessica Butera, Adjunct Instructor, Physical Education
- Patricia Butera, Adjunct Instructor, Nursing
- Craig Butler, Adjunct Assistant Professor, Italian
- Elizabeth Buzash-Pollert, Adjunct Associate Professor, Biology
- Sari Byrd, Adjunct Professor, Psychology / Sociology / Anthropology
- C**
- Scott Cacciabauda, Adjunct Professor, Business Law
- Deborah Cafiso, Adjunct Professional Assistant I, Academic Computing
- Dennis J. Caine, Adjunct Assistant Professor, Criminal Justice
- Jonathan Caiola, Adjunct Professional Assistant, Academic Skills
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- Mary Ellen Calitri, Adjunct Assistant Professor, Biology
- Thomas Calogero, Adjunct Assistant Professor, English
- Ryan Calvey, Adjunct Professional Assistant II, English
- Ritchie Calvin, Adjunct Professor, English / Humanities
- William Calvo, Adjunct Instructor, Mathematics
- Devin Camenares, Adjunct Instructor, Biology
- Roger H. Cameron, Adjunct Assistant Professor, Biology
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- Autum Campau, Adjunct Instructor, Counseling
- David Campbell, Adjunct Instructor, Music
- Gary Campbell, Adjunct Professor, Veterinary Science
- Thomas Cannariato, Adjunct Instructor, English
- Patti Cantamessa, Adjunct Instructor, Nursing
- Anthony Cantiello, Adjunct Associate Professor, Sociology
- John J. Capela, Adjunct Assistant Professor, Business
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- William C. Capitano, Adjunct Assistant Professor, Biology
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- EstherMarie Caponigro, Adjunct Instructor, Visual Arts
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- Richard M. Caputo, Adjunct Instructor, English
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- Joseph Caracci, Adjunct Assistant Professor, Criminal Justice
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- Vincent Caravana, Adjunct Instructor, Communications
- Andrea Carew, Adjunct Professor, Counseling
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- James Castiglione, Adjunct Assistant Professor, Library
- Chiara Castilla-Brooks, Adjunct Instructor, Anthropology
- Patricia Castillo-Lovaglio, Adjunct Instructor, Spanish
- Joseph Castrogiovanni, Adjunct Instructor, English
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Giovanni Chiarelli, Adjunct Instructor, Electrical Engineering Technology  
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- William Costello, Adjunct Instructor, Criminal Justice
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- Cheryl Coyle, Adjunct Instructor, College Seminar
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- Ginger D'Amato, Adjunct Professional Assistant, Administrative
- Lori D'Amato, Adjunct Instructor, Physical Education
- Donna D'Ambrosio, Adjunct Instructor, Early Childhood Education
- Robert D'Ambrosio, Adjunct Assistant Professor, Mathematics
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- Patricia J. D'Amico, Adjunct Assistant Professor, Business
- Deborah M. Dandrea, Adjunct Instructor, Psychology
- Manning Dandridge III, Adjunct Assistant Professor, English
- Diane D'Angelo, Adjunct Assistant Professor, Spanish
- Rose A. D'Angelo, Adjunct Assistant Professor, Mathematics
- Leonard Dankner, Adjunct Assistant Professor, Computer Science
- Marie Danvers, Adjunct Instructor, Theatre
- Gerard Danzi, Adjunct Professor, Counseling
- Suzanne Darnelle-Shutter, Adjunct Instructor, Nursing
- Regina Darrow, Adjunct Assistant Professor, Psychology/Counseling
- Lea Dato, Adjunct Instructor, Health Careers
- Russell E. David, Adjunct Associate Professor, Mathematics
- Sheila Davies, Adjunct Instructor, Nursing
- Brian Davis, Adjunct Instructor, Physical Therapy
- Danielle Davis, Adjunct Assistant Professor, Mathematics
- Robert Davis, Adjunct Associate Professor, Physical Education
- John Maury Dean, Adjunct Professor, English, Music
- Shima Debnath, Adjunct Assistant Professor, Mathematics
- Leo DeBoges, Adjunct Associate Professor, Fire Science Technology
- Jenna DeBono, Adjunct Instructor, Psychology
- Marsha Deckman, Adjunct Instructor, Nursing
- Darlene DeFazio, Adjunct Instructor, Earth Science
- Mary Defilippo, Adjunct Professional Assistant II, Biology
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- Malek Deib, Professional Assistant I, Academic Skills

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Edward DeLia, Adjunct Professor, Sociology  
Margaret DeLima, Adjunct Instructor, Visual Arts  
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Katelyn Deluca, Adjunct Instructor, English  
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Julie Demola, Adjunct Instructor, Mathematics  
Angele DeNeve, Adjunct Instructor, Library  
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Alphonse Desiderio, Adjunct Professor, Business  
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Anthony DeTroia, Adjunct Instructor, Engineering  
Michael Devine, Adjunct Assistant Professor, Criminal Justice  
Mary Jane DeVito, Adjunct Instructor, English  
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Bhavani Dhanabalasingam, Adjunct Instructor, Chemistry  
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Mary Diaz, Adjunct Instructor, English  
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Jerome Dicecco, Adjunct Instructor, Culinary Arts  
Mary Dickinson, Adjunct Instructor, Reading  
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Michael DiLena, Adjunct Instructor, College Seminar  
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James Dilger, Adjunct Instructor, Physics  
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Rocco DiNapoli, Adjunct Professor, Mathematics  
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Francis Dolan, Adjunct Instructor, Physical Education  
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Benay Don, Adjunct Professor, Mathematics  
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Joshua Donohue, Adjunct Instructor, History  
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 Reading/College Seminar  
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## ADJUNCT FACULTY AND INSTRUCTIONAL STAFF

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- Philip Fisher, Adjunct Instructor, English
- Vivian Fisher, Adjunct Instructor, Foreign Language
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- Janet L. Flaherty, Adjunct Assistant Professor, Biology / Health Careers
- Michael R. Flanagan, Adjunct Assistant Professor, Earth and Space Science
- Monica Flanagan, Adjunct Assistant Professor, Health Careers
- Andrea Flannery, Adjunct Instructor, Nursing
- Rachel Flatley, Adjunct Professional Assistant, Culinary Arts
- William Flinter, Adjunct Professor, History
- Kelliann Flores, Adjunct Assistant Professor, Humanities / Spanish
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- Kathleen Flynn-Bisson, Adjunct Instructor, Chemical Dependency
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- Emily A. Fogarty, Adjunct Assistant Professor, Geography
- James Fogarty, Adjunct Professional Assistant I, Culinary Arts
- Dennis Foley, Adjunct Professional Assistant I, Biology
- Donna Foley, Adjunct Professional Assistant I, Educational Technology Unit
- Kevin Foley, Adjunct Professor, Health Careers / Physical Education
- Linda S. Folken, Adjunct Instructor, Health Careers
- Brian Ford, Adjunct Instructor, Criminal
- Nicole Forman, Adjunct Instructor, Chemistry
- Seth Forman, Adjunct Professor, Political Science
- Beth Forrester, Adjunct Associate Professor, Early Childhood Education / Education
- Michael Forte, Adjunct Professional Assistant I, Educational Technology Unit
- Gloria Fortune, Adjunct Instructor, Nursing
- Sean Fountaine, Adjunct Instructor, Culinary Arts
- Robert Fournier, Adjunct Instructor, Marine Biology
- Darien Fox, Adjunct Instructor, Business
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- Stephen B. Fox, Adjunct Instructor, Spanish
- Timothy Fox, Adjunct Instructor, Mathematics
- Wesley Francillon, Adjunct Instructor, Engineering Technology
- Donovan M. Fraser, Adjunct Instructor, Mathematics
- Trevor Fraser, Adjunct Assistant Professor, Communications
- Mary Frawley, Adjunct Instructor, Nursing
- Pamela Frazier, Adjunct Professor, Dietetic Technician
- Thomas Frazier, Adjunct Professional Assistant II, Biology
- Richard J. Freda, Adjunct Assistant Professor, Mathematics
- Michelle Freed, Adjunct Professor, Reading / College Seminar
- Josephine Freedman, Adjunct Professor, Computer Science / Mathematics
- Lorraine Freire, Adjunct Instructor, Nursing
- Christopher French, Adjunct Instructor, Philosophy
- Matthew French, Adjunct Professional Assistant II, Physical Education
- Donna Frey, Adjunct Specialist II, Academic Skills
- Amable Frias, Adjunct Professional Assistant, Telecommunications
- Scott E. Friedberg, Adjunct Professional Assistant I, Mathematics
- Sharon Friedman, Adjunct Assistant Professor, Physical Education
- Erika Friedrich, Adjunct Instructor, Veterinary Science
- Suzanne Friesel, Adjunct Assistant Professor, Mathematics
- Barry Fruchter, Adjunct Assistant Professor, English
- Erick Fuhrer, Adjunct Instructor, English / College Seminar
- Pamela L. Furbeck, Adjunct Instructor, College Seminar
- Gregory Furjanic, Adjunct Associate Professor, Visual Arts
- G**
- John Gabosch, Adjunct Associate Professor, English
- John Gadbery, Adjunct Professional Assistant I, Marine Biology
- Christine Galante, Adjunct Instructor, Nursing
- Lori Galante, Adjunct Professional Assistant, Occupational Therapy
- William R. Galati, Adjunct Instructor, Mathematics
- Joseph M. Galdi, Adjunct Instructor, Criminal Justice
- Michael J. Galgano, Adjunct Assistant Professor, History
- Loretta M. Galina, Adjunct Instructor, College Seminar
- Barbara Gallagher, Adjunct Professional Assistant I, Honors Programs
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- Maura Gallagher, Adjunct Instructor, English
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- Marcial Gallimore, Adjunct Instructor, College Seminar / Computer Science Technology / Business
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- Manuel Galofaro, Adjunct Instructor, Spanish
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- Laura Gannon, Adjunct Instructor, English
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- Robert Garbarino, Adjunct Instructor, Accounting
- Jay Gardiner, Adjunct Associate Professor, Health Careers / Physical Education
- Sharon Gardner, Adjunct Professional Assistant I, Veterinary Science
- Emily Gargano, Adjunct Assistant Professor, Nursing
- Maureen Garofalo, Adjunct Assistant Professor, Mathematics



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 Carolyn Gilbert, Adjunct Instructor, Nursing  
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 Robert Goldman, Adjunct Instructor, Humanities / Visual Arts  
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 Ingrid Gomez, Adjunct Instructor, Spanish  
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 Stephen Gordon, Adjunct Instructor, Business / College Seminar  
 James Gorman, Sr., Adjunct Instructor, HVAC  
 Margery Gosnell-Qua, Adjunct Assistant Professor, Visual Arts  
 Stephanie Ann Gotard, Adjunct Instructor, Reading  
 Brewster Gottsch, Adjunct Associate Professor, Biology / Marine Biology  
 Caroline Gould, Adjunct Professor, Psychology  
 Joseph Governale, Adjunct Assistant Professor, English  
 Lisa Governale, Adjunct Instructor, Business Administration  
 Miesje Governale, Adjunct Instructor, Reading  
 Alexis Govin, Adjunct Instructor, Sociology  
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 Krystal Grant, Adjunct Instructor, Music  
 Munro Grant, Adjunct Professional Assistant, Chemistry  
 Meagen Grauna, Adjunct Instructor, Counseling  
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 David Gray, Adjunct Associate Professor, Mathematics / Physical Education  
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Mary Ellen Grimes, Adjunct Instructor, Dietetic Technician  
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Michelle Ann Hamilton, Adjunct Instructor, Biology  
Ronish Hamilton, Adjunct Instructor, Psychology  
Christina Hamm, Adjunct Instructor, Geography  
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Christine G. Hellberg, Adjunct Instructor, American Sign Language  
Ute Hellebuyck, Adjunct Associate Professor, German  
Bruce Heller, Adjunct Assistant Professor, Computer Science

- Linda Heller, Adjunct Assistant Professor, Library/  
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- Jason Hellmann, Adjunct Instructor, Health Careers
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- Daniel Hess, Adjunct Professional Assistant, Visual  
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- Gary Hiel, Adjunct Assistant Professor, Chemistry
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- Gina M. Hille, Adjunct Instructor, Business
- Brian Hilly, Adjunct Assistant Professor, History
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- Mary Hime, Adjunct Professional Assistant I,  
Chemistry
- Kimberly A. Hines, Adjunct Instructor, English
- Charles Hinrichs, Adjunct Assistant Professor,  
Criminal Justice
- Diana Hinton, Adjunct Professor, Accounting/  
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Biology
- Marc Hirshenson, Adjunct Instructor, Veterinary  
Science
- Christopher R. Hix, Adjunct Professional Assistant  
I, Biology/Physical Education
- Nga (Ivory) T. Ho, Adjunct Professional Assistant II,  
Mathematics
- Patricia Hobson, Adjunct Instructor, College  
Seminar/Student Affairs
- Kathryn Hoernig, Adjunct Instructor, Physical  
Education
- Kristen Hoffman, Adjunct Instructor & Professional  
Assistant I, English/Writing Center
- Lois I. Hoffman, Adjunct Associate Professor, Visual  
Arts
- Stacey Hoffman, Adjunct Instructor, Reading
- Stacey L. Hoffman, Adjunct Professional Assistant I,  
Academic Center for Excellence
- Charles Hofmann, Adjunct Assistant Professor,  
Mathematics
- Justine Hoffmann, Adjunct Instructor, Biology
- Jennifer Hogan, Adjunct Professional Assistant II,  
English
- David Holmes, Adjunct Instructor, Reading
- Fred Holtz, Adjunct Instructor, Psychology
- Adam Holtzer, Adjunct Instructor, Physical  
Education
- Emily Holzer, Adjunct Professional Assistant II,  
Computer Science and Information Technology
- Sangeet Honey, Adjunct Associate Professor, Biology
- John Hooper, Adjunct Assistant Professor, Theatre  
Arts/Communications
- Lori Hooper, Adjunct Assistant Professor, Sociology
- Fredrick Horn, Adjunct Professional Assistant II,  
Biology
- Leonard Horowitz, Adjunct Professional Assistant I,  
Mathematics
- Katherine Howard, Adjunct Instructor, Mathematics
- Lauren Hubbard, Adjunct Instructor, Biology
- Patricia Hubbard-Ragette, Adjunct Instructor, Visual  
Arts
- Ronald Huetter, Adjunct Instructor, History
- George Hughes, Adjunct Professor, Business  
Administration
- Ruth Hughes, Adjunct Instructor, Physical  
Education
- Mary Anne Huntington, Adjunct Professional  
Assistant II, Educational Technology Unit/  
Distance Education
- Michelle H. Hymowitz, Adjunct Professional  
Assistant I, Biology
- I**
- Rosario Iaconis, Adjunct Instructor, Economics
- Matthew Iannucci, Adjunct Instructor, History
- Michael Iasilli, Professional Assistant I, Writing  
Center
- Joseph Iardi, Adjunct Assistant Professor, Student  
Affairs
- Nicole Imbasciani, Adjunct Instructor, Nursing
- Prodromos Impraxis, Adjunct Professional Assistant  
I, Writing Center
- Anthony Infantino, Adjunct Assistant Professor,  
Business
- Jerilyn Ingold, Adjunct Assistant Professor,  
Information Processing/Office Technology/  
Business
- Robert Ingram, Adjunct Assistant Professor,  
Accounting
- Susan Inkles, Adjunct Professional Assistant II,  
Reading
- Barbara Inners, Adjunct Assistant Professor, English
- Joseph Inners, Adjunct Professor, English
- Amy Insana, Adjunct Instructor, Student Affairs
- Joanne Intile, Adjunct Instructor, Veterinary Science
- Prudence Inzerillo, Adjunct Professor, Counseling
- William Israel, Adjunct Assistant Professor,  
Mathematics
- Leo E. Ivans, Adjunct Professional Assistant II,  
Physics/Earth and Space Science/Biology
- James Izzo, Adjunct Assistant Professor,  
Mathematics
- Richard S. Izzo, Adjunct Instructor, Biology
- J**
- Eugenia Jackolski, Adjunct Instructor, Health  
Careers
- Mark James, Adjunct Assistant Professor, Physical  
Education
- Reine James, Adjunct Assistant Professor, Nursing
- Tiffany Jamieson-Ward, Adjunct Instructor,  
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- Krystyna I. Janicka-Wlodek, Adjunct Assistant  
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- Kerry A. Janis, Adjunct Assistant Professor, Interior  
Design
- Steven Janketic, Adjunct Professional Assistant,  
Nursing
- Linnae A. Janky, Adjunct Instructor, American Sign  
Language
- Muhammad Jatoui, Adjunct Professional Assistant I,  
Educational Technology Unit
- Mohammad Javadi, Adjunct Professor, Mathematics
- Karl Jean, Instructor, Mathematics

## ADJUNCT FACULTY AND INSTRUCTIONAL STAFF

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Mathematics  
Christopher Jentsch, Adjunct Associate Professor,  
Music  
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Affairs/College Seminar  
Bernadette Jermuysk, Adjunct Assistant Professor,  
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Jessica Juhrend, Adjunct Instructor, English  
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Psychology

### K

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William T. Knipfing, Adjunct Instructor, College  
Seminar

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 Science/Business  
 Estelle Kochis, Adjunct Professor, Business/  
 Computer Science  
 Susan Koenig, Adjunct Instructor, Humanities  
 Andrea Koetter, Adjunct Assistant Professor, English  
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 Terminology  
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 Chen Kong, Adjunct Professional Assistant I, Center  
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 Judith Koodin, Adjunct Professor, Student Services  
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 Carolyn Lanfear, Adjunct Assistant Professor,  
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 Robert Lanfear, Adjunct Associate Professor/  
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 Sean Lanfear, Adjunct Professional Assistant I,  
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 Michelle LaPorte, Adjunct Instructor, Music  
 Jonathan LaRosa, Adjunct Professional Assistant I,  
 Earth and Space Science/Chemistry  
 Bryan Latham, Adjunct Instructor, History  
 Salvatore A. LaTorre, Adjunct Assistant Professor,  
 Spanish



## ADJUNCT FACULTY AND INSTRUCTIONAL STAFF

Thomas Lattimer, Adjunct Associate Professor, Marine Biology / Earth and Space Science  
 Amanda Lavery, Adjunct Instructor, Biology  
 Vincent J. Lawrence, Adjunct Assistant Professor, Mathematics  
 Nicole A. Lawrence-Ascoli, Adjunct Professional Assistant I, Mathematics  
 Alissa LeClair, Adjunct Professional Assistant I, Writing Center  
 Danielle K. Lee, Adjunct Instructor, English  
 Eunah Lee, Adjunct Instructor, Philosophy  
 Susan C. Lee, Adjunct Instructor, Reading  
 Winston Lee, Adjunct Assistant Professor, Health Careers  
 Eugene Leff, Adjunct Associate Professor, Biology  
 Linda Lehmann, Adjunct Specialist I, Reading  
 Rainy Lehrman, Adjunct Instructor, Visual Arts  
 Anita Leibowitz, Adjunct Assistant Professor, Communications  
 Edward Leight, Adjunct Instructor, Heating, Ventilation, Air Conditioning & Refrigeration  
 Lois Lemonda, Adjunct Instructor, Italian  
 Keryn Lemp, Adjunct Instructor, Criminal Justice  
 William Lengyel, Adjunct Professional Assistant I, Culinary Arts  
 Lourdes Lento, Adjunct Instructor, Communications  
 Lori Leonhardt, Adjunct Instructor, Health Careers  
 Matthew Leporati, Adjunct Instructor, English  
 Deborah Lesser, Adjunct Assistant Professor, Accounting  
 Karen Lessler, Adjunct Instructor, History  
 Christoph Lettieri, Adjunct Instructor, Earth and Space Science  
 Gary J. Levanti, Adjunct Instructor, Business  
 Jonathan Leventon, Adjunct Assistant Professor, History  
 Bruce Levine, Adjunct Instructor, Theatre Arts  
 Herbert M. Levine, Adjunct Assistant Professor, Sociology  
 Martin Levine, Adjunct Associate Professor, Visual Arts  
 Morton Levine, Adjunct Associate Professor, English / College Seminar  
 Jesse Levy, Adjunct Instructor, Physical Education  
 Lynda Levy, Adjunct Instructor, English / College Seminar  
 Chihwei Li, Adjunct Instructor, Music  
 Jessica Li, Adjunct Professional Assistant I, Earth and Space Science  
 Qing Li, Adjunct Professional Assistant I, Foreign Language  
 Ye Li, Adjunct Instructor, Chinese  
 David Lieberman, Adjunct Professor, Physics  
 Suzanne Lieder, Adjunct Professional Assistant I, Adult Learner Program  
 Mary Lilienthal, Adjunct Assistant Professor, Library Services  
 Alex Lima, Adjunct Instructor, Spanish  
 Gil Link, Adjunct Instructor, Student Affairs  
 Rita J. Link, Adjunct Professional Assistant I, Nursing  
 Rose Link, Adjunct Assistant Professor, English  
 Nicole Lippolis, Adjunct Instructor, Chemistry  
 Elzbieta Litkowski, Adjunct Professional Assistant I, Center for Academic Excellence  
 John P. Litkowski, Adjunct Professional Assistant II, Administrative / Center for Academic Excellence  
 Nicole A. LiVigni, Adjunct Instructor, Mathematics  
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 Maryellen Lobosco, Adjunct Professional Assistant I, Writing Center  
 Gina Lochren, Adjunct Instructor, Physical Education  
 Chris Lockhart, Adjunct Instructor, College Seminar  
 Andrea Lodge, Adjunct Professional Assistant I, Music  
 Christopher Loewen, Adjunct Instructor, Chemistry  
 Marvin Loewen, Adjunct Professor, Chemistry  
 Anthony Logallo, Adjunct Assistant Professor, Criminal Justice  
 Adrienne L. Lojeck, Adjunct Professional Assistant I, English  
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 Margaret Lomaga, Adjunct Assistant Professor, Earth and Space Science  
 Mark Lombardi, Adjunct Instructor, Biology  
 Joseph Lombardo, Adjunct Professor, Philosophy  
 Robin Lombardo, Adjunct Assistant Professor, Health Careers  
 Bruce J. Long, Adjunct Instructor, English  
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 Juan Carlos Lopez, Adjunct Professional Assistant, Visual Arts  
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 Elizabeth LoRe, Adjunct Instructor, Business / Office Technology / Computer Science / College Seminar  
 Jonathan Lorello, Adjunct Professional Assistant, Institutional Advancement  
 Matthew Lorenz, Adjunct Instructor, English  
 Sonya R. Lorrain, Adjunct Instructor, Manufacturing Technology  
 Antonia Loschiavo, Adjunct Instructor, Marketing  
 Pamela Losquadro, Adjunct Instructor, Reading  
 Anne Lotito-Schuh, Adjunct Instructor, English  
 Jason Lotz, Adjunct Instructor, English  
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 Clarita O. Love, Adjunct Professional Assistant I, Theatre Arts  
 Jeffrey Lowen, Adjunct Professional Assistant II, Biology  
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 Vicki Luckman, Adjunct Instructor, Physical Education  
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 Edward Luhrs, Adjunct Instructor, English  
 Nicole Lui, Adjunct Professional Assistant I, Stay on L.I. Initiative Program  
 Maureen Lundquist, Adjunct Assistant Professor, Physical Education  
 Andrew Lundstrom, Adjunct Professional Assistant I, Marine Science

- Chad A. Lupinacci, Adjunct Assistant Professor, Political Science
- Deborah Lupo-Lyons, Adjunct Professional Assistant I, Academic Skills Center
- Karone Luquer, Adjunct Instructor, History/College Seminar
- Timothy J. Lynam, Adjunct Instructor, Mathematics
- Agnes Lynch, Adjunct Instructor, Practical Nursing/Nursing
- Eileen Lynn, Adjunct Instructor and Professional Assistant I, Reading, Educational Opportunity Program, College Seminar, Center for Academic Excellence
- Nicole Lyons-McCreary, Adjunct Instructor, Nursing
- M**
- Maria Macarle, Adjunct Professor, Physical Education/College Seminar
- Kathleen A. Macbeth, Adjunct Professional Assistant I, Educational Technology Unit
- Courtney MacGinley, Adjunct Instructor, English
- Gerardo Mackenzie, Adjunct Instructor, Biology
- Rhonda Maco, Adjunct Instructor, Entrepreneurial Assistance Program
- Krista Macpherson, Adjunct Instructor, Counseling
- William Maddock, III, Adjunct Instructor, Philosophy
- Kathleen Madigan, Adjunct Assistant Professor, Library Services
- Robert Madonia, Adjunct Professional Assistant I, Biology
- Jennie Magaro, Adjunct Assistant Professor, Psychology
- Barbara Magid, Adjunct Professor, Chemistry
- Kelly Maguire-Sanchez, Adjunct Instructor and Professional Assistant I, Academic Skills Center
- James Maher, Adjunct Professor, Criminal Justice
- Janet Mahoney, Adjunct Assistant Professor, Mathematics/College Seminar
- Michelle Maines, Adjunct Instructor, English as a Second Language
- Theonie Makidis, Adjunct Instructor, Criminal Justice
- Ruth Makofske, Adjunct Assistant Professor, Visual Arts
- Eugene Makowski, Adjunct Instructor, Business
- Erin Malaney, Adjunct Professional Assistant I, Science Technology Engineering Program (STEP)
- Andrea Maldari, Adjunct Professional Assistant I, Educational Opportunity Program
- Richard Maldonado, Adjunct Professional Assistant, Entrepreneurial Assistance Program
- Sean Malloy, Adjunct Assistant Professor, Mathematics
- Theodora Mamatras, Adjunct Assistant Professor, English/College Seminar
- Judith Mancin, Adjunct Professional Assistant, Academic Center for Excellence
- Robert Mancini, Adjunct Assistant Professor, Biology
- Steven Mandelkorn, Adjunct Assistant Professor, Accounting/Business
- Michael Maneri, Adjunct Instructor, Accounting
- Ellen Mangiamele, Adjunct Instructor, English/College Seminar
- Robert Mangiamele, Adjunct Instructor, Criminal Justice
- Hannah Mangione, Adjunct Instructor, English
- Linda Maniscalco, Adjunct Professional Assistant, Student Affairs
- Heather Mann, Adjunct Instructor and Professional Assistant I, Chemistry
- Amy Mannarino, Adjunct Instructor, Counseling
- Janna Mannhart, Adjunct Professional Assistant II, Physical Education
- Randolph H. Manning, Adjunct Professor, Psychology, Sociology, College Seminar
- Stephen D. Manning, Adjunct Assistant Professor, Philosophy
- Vito W. Mannino, Adjunct Professor, Computer Science and Information Technology
- Elvia Manrique, Adjunct Instructor, Nursing
- Seyed Mansourbeigi, Adjunct Instructor, Manufacturing
- Valerie Manzo, Adjunct Instructor, Business Law
- Julius Marcucci, Adjunct Professor, Mathematics
- Brian Marcus, Adjunct Instructor, College Seminar
- Rebecca Marcus, Adjunct Instructor, Psychology
- Michelle Margiotta, Adjunct Instructor, Music
- Marilyn Margulies, Adjunct Assistant Professor, Mathematics
- Edward Marinich, Jr., Adjunct Instructor, Student Affairs
- Nebojsa S. Marinkovic, Adjunct Associate Professor, Chemistry
- Theresa Marino, Adjunct Assistant Professor, Physical Education
- John Mario, Adjunct Associate Professor, Chemistry/Criminal Justice
- Anthony Maritato, Adjunct Instructor, Economics
- Kevin Maritato, Adjunct Instructor, Mathematics
- Alan Mark, Adjunct Assistant Professor, Business/Accounting
- Aileen Markowsky, Adjunct Professional Assistant I, Administration
- Monica Marlowe, Adjunct Instructor, Marine Biology
- Christopher Marotta, Adjunct Instructor, Biology
- Frank Marotta, Adjunct Assistant Professor, Health Careers/Fire Science Technology
- Toddy Marotta, Adjunct Professional Assistant, English
- Loretta Marrello, Adjunct Instructor, Academic Advisement
- Norris Marshak, Adjunct Assistant Professor, English
- Barbara Martin, Adjunct Instructor, Reading/College Seminar
- Bruce Martin, Adjunct Associate Professor, Computer Science and Information Technology
- Eugene Martin, Adjunct Instructor, Chemistry
- Maureen Martin, Adjunct Professional Assistant I, Computer Science/Distance Education
- Raymond C. Martinez, Adjunct Assistant Professor, Biology/Student Services/College Seminar
- Andrea Martinez-Villalobos, Adjunct Professional Assistant I, Biology
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- Ronald Marwood, Adjunct Assistant Professor, Economics
- Thomas Marzagalli, Adjunct Instructor, English
- Andrea Massari, Adjunct Instructor, Physics

## ADJUNCT FACULTY AND INSTRUCTIONAL STAFF

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Satoko Matthews, Adjunct Professional Assistant, Culinary Arts  
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Mark Matvya, Adjunct Professional Assistant II, Physical Education  
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Theresa McNamee, Adjunct Assistant Professor, Mathematics  
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Morton Mecklosky, Adjunct Professor, Philosophy  
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Margaret Meisen, Adjunct Instructor and Professional Assistant I, Reading  
Heather Ann Melo, Adjunct Instructor, English  
Jeremy Melvin, Adjunct Professional Assistant I, Mathematics

- Rosemary Menarchem, Adjunct Professional Assistant I, Stay on LI Initiative
- Gloria J. Mendez, Adjunct Instructor, Chemistry
- Lauren Mennella, Adjunct Instructor, Communications
- Julie Meola, Adjunct Professional Assistant I, Mathematics
- Keri Meras, Adjunct Professional Assistant I, Academic Skills Center
- Andrea Merx, Adjunct Instructor, Computer Art
- Kevin G. Mescall, Adjunct Instructor, Business Law
- Thomas Messina, Adjunct Instructor, Heating Ventilation and Air Conditioning
- Laura Meuser, Adjunct Instructor and Professional Assistant I, Counseling
- Susanne Meyers, Adjunct Instructor, Nursing
- Steven Meyn, Adjunct Instructor, Communications
- Jennifer Micari, Adjunct Instructor, College Seminar
- Janet Miceli, Adjunct Professional Assistant II, Academic Skills Center
- Karen Micelli, Adjunct Professional Assistant I, Enrollment Management
- Craig Michel, Adjunct Professional Assistant I, Mathematics
- Maria Michta, Adjunct Instructor, Biology
- Arli Harlan Middendorf, Adjunct Instructor, English
- Lois Mignone, Adjunct Professor, Foreign Languages
- Danielle Miller, Adjunct Assistant Professor, Library Services
- David Miller, Adjunct Professor, Theatre Arts/Communications
- Edward Miller, Adjunct Professor, Philosophy
- Geraldine Miller, Adjunct Instructor, Psychology
- Jacqueline Miller, Adjunct Professional Assistant I, Admissions/Career Services
- Laura Miller, Adjunct Professional Assistant I, Biology
- Leona Miller, Adjunct Associate Professor, Business
- Linda Miller, Adjunct Professional Assistant, Veterinary Science Technology
- Marjory Miller, Adjunct Instructor, Physical Education
- Marvin D. Miller, Adjunct Instructor, History
- Mary Ann Miller, Adjunct Professor, Library Services
- Nicole Miller, Adjunct Instructor, Humanities
- William Miller, Adjunct Professional Assistant I, Institutional Advancement
- William J. Miller, Adjunct Assistant Professor, Mathematics
- Terri Milligan, Adjunct Instructor, English
- Althea R. Mills, Adjunct Instructor, Nursing
- Jeffrey Minkowsky, Adjunct Instructor, Mathematics
- Matthew Miranda, Adjunct Instructor, English
- Frank S. Mirasola, Adjunct Professional Assistant, Earth and Space Science
- Tatsiana Mironava, Adjunct Instructor, Chemistry
- Rajni Misra, Adjunct Instructor, Library Services
- Thomas Mistretta, Adjunct Professor, Chemistry
- Jason Mitcham, Adjunct Instructor, Visual Arts
- Claireann Mitchell, Adjunct Assistant Professor, Communications/College Seminar
- Michelle Mitchell, Adjunct Assistant Professor, Business/College Seminar
- Rhonda Mitchell, Adjunct Professional Assistant, Administration
- Katherine A. Mitra, Adjunct Assistant Professor, Anthropology
- Puneeta Mittal, Adjunct Instructor, Visual Arts
- Michelle Mock, Adjunct Instructor, Dietetic Technician
- William J. Moddero, Adjunct Instructor, Reading
- Nancee Moes, Adjunct Instructor, Theatre Arts
- Christine Mohanty, Adjunct Associate Professor, English/Spanish/French/College Seminar
- Lois Mohlenbrok, Adjunct Professional Assistant II, Biology
- Patricia Mohn, Adjunct Professional Assistant I, English
- Kim Mokarry, Adjunct Professional Assistant II, Administration
- Mohamed Mokhchy, Adjunct Instructor, Computer Science and Information Technology
- Conor Molloy, Adjunct Instructor, Economics
- Jacqueline Monaco, Adjunct Professional Assistant, Visual Arts
- J. Andrew Monahan, Adjunct Instructor, Business
- Dina Monat, Adjunct Instructor, English
- Donna Marie Moncho, Adjunct Instructor, Reading
- Shannon Monroe, Adjunct Instructor, Visual Arts
- Michele Monteleone, Adjunct Professional Assistant I, TRIO
- Fabio Montella, Adjunct Instructor, Library Services
- Silvia Montemurro, Adjunct Assistant Professor, English/Reading/College Seminar
- Victor Montemurro, Adjunct Professional Assistant I, Writing Center
- Gene Montenare, Adjunct Instructor, Mathematics
- Kathryn A. Montenare, Adjunct Instructor, English
- Dina Montes, Adjunct Instructor and Professional Assistant II, Computer Science and Informational Technology
- Lynda Montgomery, Adjunct Professional Assistant I, Mathematics
- Paul Montgomery, Adjunct Instructor, Biology
- Michael Mooney, Adjunct Instructor, Business
- Brian Moore, Adjunct Instructor, Chemistry
- Carol Moore, Adjunct Assistant Professor/Professional Assistant II, English/College Seminar/Writing Center
- Elena Morales, Adjunct Assistant Professor, Nursing
- Ana Moran, Adjunct Associate Professor, Foreign Language
- Thomas Moran, Adjunct Instructor, Economics
- Deborah Morizzo, Adjunct Professional Assistant I, Economic Opportunity Program
- Patricia Morley, Adjunct Instructor, Psychology
- Christa C. Morris, Adjunct Instructor, English
- James Morris, Adjunct Instructor, College Seminar
- Lorraine Morris, Adjunct Professional Assistant II, Academic Skills
- Stephen Morris, Adjunct Instructor, Health Careers
- Jacquelin Morrison, Adjunct Instructor, Physical Education
- Peter Morrison, Adjunct Professor, English
- Nancy Morro, Adjunct Instructor, Culinary Arts
- Douglas Morrow, Adjunct Associate Professor, Radio/TV/Film
- Barbra Morse, Adjunct Instructor, Theatre Arts
- Richard Morse, Adjunct Assistant Professor, Psychology
- Corrine A. Morton-Greiner, Adjunct Instructor, Spanish

## ADJUNCT FACULTY AND INSTRUCTIONAL STAFF

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Theresa Moschner, Adjunct Professional Assistant I, Computer Science/Distance Education  
Iris Mosher-Propper, Adjunct Professional Assistant I, Theatre Arts  
Diana Moston, Adjunct Instructor, College Seminar  
Margaret Motto, Adjunct Instructor, Counseling  
Florence Mullarkey, Adjunct Associate Professor, Nursing  
Robert Mundy, Adjunct Instructor, English  
Lilian Mungua, Adjunct Professional Assistant I, Biology  
Maryanne Munnely, Adjunct Instructor, Psychology  
Michelle Munro, Adjunct Professor & Professional Assistant II, English as a Second Language  
Liam Murphy, Adjunct Instructor, Music  
Lorraine Murphy, Adjunct Associate Professor, Early Childhood Education/College Seminar  
Thomas F. Murphy, Adjunct Instructor, Early Childhood Education/Education  
Patricia Murphy-Floyd, Adjunct Instructor, Communications  
Beth Murray, Adjunct Instructor, Nursing  
Micheline Murray, Adjunct Instructor, English as a Second Language  
Tim Murray, Adjunct Assistant Professor, Visual Arts  
William Murray, Adjunct Assistant Professor, Computer Science and Information Technology  
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John V. Myers, Adjunct Assistant Professor, Business Administration  
William Myers, Adjunct Instructor, Computer Science and Information Technology

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Balan Nagraj, Adjunct Assistant Professor, Business  
Christian Nahas, Adjunct Instructor, Biology  
Harold E. Naideau, Adjunct Assistant Professor, Visual Arts  
Christina Nalty, Adjunct Associate Professor, Visual Arts  
Bernard Anthony Nanton, Adjunct Instructor, Veterinary Science  
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Justin Neiser, Adjunct Professional Assistant I, Student Services  
Thaddeus Nelson, Adjunct Instructor, Anthropology  
Anna Nesterova-Liers, Adjunct Professor, Biology  
William Neubauer, Adjunct Instructor, Criminal Science  
Laurie Newburger, Adjunct Instructor, English  
Kristen Newman, Adjunct Instructor, Mathematics  
Annemarie Ng, Adjunct Instructor, Dietetic Technician  
Connie Nicolai, Adjunct Professional Assistant II, Biology  
John Nicolellis, Adjunct Instructor, Health Careers  
Eric Niegelberg, Adjunct Assistant Professor, Health Careers  
Anna Nieradko, Adjunct Professional Assistant I, Business  
Waldemar Nieweglowski, Adjunct Professional Assistant I, Chemistry  
Shannon Nigg, Adjunct Professional Assistant, Biology  
Maryann Nocera, Adjunct Professional Assistant II, Biology  
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Erica Nooney, Adjunct Instructor, Visual Arts  
Oscar Norena, Adjunct Professional Assistant I, Foreign Language  
Harold Norman, Adjunct Instructor, Mathematics  
Olivia Normandin, Adjunct Assistant Professor, Mathematics  
Carolyn Notaro, Adjunct Assistant Professor, Dietetic Technician/College Seminar  
Cristina Notaro, Adjunct Instructor, Geography  
Teresa Noto, Adjunct Instructor, Automotive Technology  
Robert Novak, Adjunct Assistant Professor, Mathematics  
Annette A. Novak-Lamvichit, Adjunct Assistant Professor, English  
Lisa Novicki, Adjunct Professional Assistant I, Reading  
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Josmara Nunez, Adjunct Professional Assistant, Career Services  
Nancy F. Nunziata, Adjunct Assistant Professor, Sociology

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Carole O'Brien, Adjunct Instructor, College Seminar/Reading  
Marie O'Brien, Adjunct Instructor, Nursing  
David Obrig, Adjunct Professional Assistant I, Biology  
Gina Ocello, Adjunct Instructor, Reading  
Brianna O'Connell, Adjunct Instructor and Professional Assistant I, Library Services  
Deborah O'Connell, Adjunct Instructor, Nursing  
Eileen O'Connell, Adjunct Assistant Professor, Nursing  
Brigid O'Connor, Adjunct Professional Assistant I, Honors Program  
Gerald O'Connor, Adjunct Professor, English  
Joseph J. O'Connor, Adjunct Professor, Business Law  
Kathryn A. Odell-Hamilton, Adjunct Associate Professor, Computer Art/Graphic Design



- Mary Oduyela, Adjunct Instructor, Biology  
 John Ofrias, Adjunct Professor, Psychology /  
 Sociology  
 Scott H. O'Gara, Adjunct Assistant Professor,  
 Humanities  
 Maureen O'Grady, Adjunct Professor, Mathematics  
 Laurie O'Halloran, Adjunct Associate Professor,  
 Psychology / Health Careers  
 Kevin O'Hara, Adjunct Instructor, Fire Protection  
 Technology  
 Margaret A. O'Hara, Adjunct Instructor, College  
 Seminar / Psychology  
 Jessica O'Hea, Adjunct Instructor, Reading / College  
 Seminar  
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 English  
 Philip Oil, Adjunct Associate Professor, Criminal  
 Justice / College Seminar  
 Adhiambo Okomba, Adjunct Assistant Professor,  
 Reading  
 Jennifer Oksenhorn, Adjunct Assistant Professor,  
 Anthropology  
 James O'Leary, Adjunct Professional Assistant I,  
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 Ana Lucia Oliveira, Adjunct Instructor, Mathematics  
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 Administration  
 Amanda D. Olsen, Adjunct Assistant Professor,  
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 Claire Olsen, Adjunct Instructor, Chemical  
 Dependency Counseling  
 Edward Olsen, Adjunct Instructor, Chemical  
 Dependency Counseling  
 John O'Neill, Adjunct Assistant Professor, English  
 Jamina Oomen-Hajagos, Adjunct Instructor, Biology  
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 Tracey O'Reilly, Adjunct Instructor, College Seminar  
 Samantha Orellana, Adjunct Instructor, Biology  
 Patrick Orlando, Adjunct Instructor, Nursing  
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 Nancy Outsen, Adjunct Instructor, Reading / College  
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 Stephen Pallas, Adjunct Instructor, English  
 Mitchell Pally, Adjunct Instructor, Political Science  
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 Sandra Palmer, Adjunct Professor, Visual Arts  
 Timothy Palumbo, Adjunct Instructor, English  
 Lynne Panagakos, Adjunct Assistant Professor, Early  
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 History  
 Jennifer Parillo, Adjunct Instructor, Health Careers  
 Tina Paris, Adjunct Instructor, Drafting  
 Joanne Parisi, Adjunct Instructor, Health  
 Information Technology  
 Patti Parisi, Adjunct Instructor, Reading  
 Vincent Parisi, Adjunct Assistant Professor,  
 Mathematics  
 Jennifer Parkinson, Adjunct Instructor, Health  
 Careers  
 Patricia A. Parr, Adjunct Assistant Professor, English  
 Michael F. Pascale, Adjunct Assistant Professor,  
 History  
 Elaine Pase, Adjunct Instructor, College Seminar  
 Philip Paskowitz, Adjunct Assistant Professor,  
 Reading / College Seminar  
 Maria Pasqualo, Adjunct Instructor, History  
 Georgia Patilis, Adjunct Instructor, Spanish  
 Kerrilynn Patti-Trepicio, Adjunct Instructor, Dietetic  
 Technician  
 Arie Pavlou, Adjunct Instructor, Culinary Arts  
 Benita Pearce, Adjunct Instructor, English  
 Philip Pecorino, Adjunct Professor, Philosophy  
 Dana Pedone, Adjunct Professional Assistant I,  
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 Barbara Pelczar, Adjunct Instructor, Nursing  
 Alice Peltz, Adjunct Professional Assistant II,  
 Biology / College Seminar  
 Eugene Penna, Jr., Adjunct Assistant Professor,  
 Mathematics  
 Grace Pentecoste, Adjunct Professional Assistant,  
 Visual Arts  
 Srinivas Pentyala, Adjunct Professor, Biology  
 Lorraine Perdomo, Adjunct Professional Assistant I,  
 Student Activities  
 Robert Perelmuter, Adjunct Associate Professor,  
 Psychology  
 William F. Perfit, Adjunct Assistant Professor,  
 Economics  
 Jannine M. Pergola, Adjunct Assistant Professor,  
 Psychology  
 Joshua Perl, Adjunct Assistant Professor, English  
 Mathieu Pernot, Adjunct Professional Assistant I,  
 Center for Academic Excellence  
 Arthur W. Perri, Jr., Adjunct Instructor, Political  
 Science  
 John Perry, Adjunct Instructor, Culinary Arts  
 Drew Peters, Adjunct Instructor, Physical Education

## ADJUNCT FACULTY AND INSTRUCTIONAL STAFF

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Michael Pettit, Adjunct Instructor, Chemistry  
Victoria Petro, Adjunct Instructor, Chemistry  
Elizabeth Petroulias, Adjunct Instructor, Mathematics  
Christopher Petty, Adjunct Instructor, Theatre  
Christine Pfoertner, Adjunct Instructor, Biology  
Tu Pham, Adjunct Instructor, Mathematics  
Pauline Pharr, Adjunct Associate Professor, English as a Second Language  
William Phelps, Adjunct Instructor, Veterinary Science Technology  
Teresa Pickel, Adjunct Instructor, Nursing  
Cynthia Pierce, Adjunct Instructor, Culinary Arts  
Doreen Pierce, Adjunct Professional Assistant I, Student Support Services  
Jean Pierre, Adjunct Professional Assistant I, Center for Academic Excellence  
Christina Pietras, Adjunct Professional Assistant II, Mathematics  
Robert Pike, Adjunct Assistant Professor, English / Humanities  
Susan Pilewski, Adjunct Instructor, English  
Adriana Pinkas-Sarafova, Adjunct Assistant Professor, Biology  
Christine Pisano, Adjunct Professional Assistant I, Educational Technology Unit  
Fr. Francis Pizzarelli, Adjunct Professor, Sociology / College Seminar  
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Robert Plath, Adjunct Assistant Professor, English  
Stuart Plotkin, Adjunct Instructor, Biology  
Jennifer Plunkett-Skibins, Adjunct Instructor, Psychology  
Sharon Pochron, Adjunct Instructor, Anthropology  
Frances Pochtrager, Adjunct Assistant Professor, English as a Second Language  
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Jill Polstein, Adjunct Instructor, Physical Education  
Nicholas Pompei, Adjunct Assistant Professor, Business / Accounting / College Seminar  
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Stephanie Portillo, Adjunct Instructor, Reading  
Richard Posner, Adjunct Assistant Professor, English  
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Tara Powers, Adjunct Professional Assistant I, Administration  
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Andrew Prayzner, Adjunct Instructor, Visual Arts  
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Anthony Price, Adjunct Instructor, English  
David Price, Adjunct Assistant Professor, English  
Jeffrey A. Price, Adjunct Assistant Professor, Visual Arts  
Robert Price, Adjunct Instructor, Engineering and Technology / Fire Protection Technology  
Roy Price, Adjunct Instructor, Earth Science  
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Hyman Pryluck, Adjunct Assistant Professor, Reading  
John Pryputniewicz, Adjunct Professor, Health Careers  
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Carole Pugliese, Adjunct Professor, Biology  
Marie Pullan, Adjunct Instructor, Computer Science  
Marie Technology  
J. Lewis Putt, Jr., Adjunct Instructor, Sociology  
**Q**  
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Duncan Quarless, Adjunct Instructor, Chemistry  
Dominick Quartuccio, Adjunct Professional Assistant I, English  
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Peter Randazzo, Adjunct Assistant Professor, Music  
Robin Rann, Adjunct Instructor, Mathematics  
Kenneth Rao, Adjunct Instructor, Physical Education  
Dalimar Rastello, Adjunct Instructor, Spanish

- Joseph Rastello, Adjunct Instructor, Business  
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John Ray, Adjunct Associate Professor, Business Law  
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Psychology / College Seminar / Health Careers  
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Arts  
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Seminar  
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Culinary  
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Assistant II, Foreign Language  
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Technician  
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## ADJUNCT FACULTY AND INSTRUCTIONAL STAFF

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### S

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Debra Santiago, Adjunct Instructor, Health Information Technology/Medical Records  
 Jill Santiago, Adjunct Instructor, Humanities  
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 Shari A. Santoriello, Adjunct Instructor/PA II, Communications/College Seminar  
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Natascha M. Santos, Adjunct Assistant Professor, Psychology  
 Lesley Sargoy, Adjunct Instructor, Visual Arts  
 Denise Sariego, Adjunct Professor, Reading  
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 Carissa Scarfi, Adjunct Instructor, Counseling  
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 William Schaub, Adjunct Associate Professor, Health Careers  
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 Thomas Schiliro, Adjunct Instructor, Criminal Justice  
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 Leslie Schotz, Adjunct Instructor, Behavioral Science  
 Erin Schreiber, Adjunct Instructor, Nursing  
 Dorothy Schroeder, Adjunct Assistant Professor, Early Childhood Education

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 Philip Schuler, Adjunct Instructor, History  
 Ellen Schuler Mauk, Adjunct Professor, English  
 Carl Schultheisis, Adjunct Instructor, Electrical Engineering Technology  
 Karleen Schultz, Adjunct Instructor, Nursing  
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 Stephen Serrecchia, Adjunct Assistant Professor, Accounting  
 Kathleen Sexton, Adjunct Instructor, Physical Therapy  
 Margherita Sexton, Adjunct Assistant Professor, Mathematics  
 Michael Sexton, Adjunct Instructor, Physical Education  
 Andreanna Seymore, Adjunct Instructor, Visual Art  
 Janet Sganga, Adjunct Instructor, English  
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 William Shaw, Adjunct Professional I, Instructional Technology  
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 Zhenyu Sheng, Adjunct Instructor, Chemistry  
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 Frank Shih, Adjunct Instructor, Sociology  
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 Lauren Smith, Adjunct Instructor, Graphic Design  
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- Virginia K. Smith, Adjunct Assistant Professor,  
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- Brent Smith-Casanueva, Adjunct Instructor,  
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- Susanne Smoller, Adjunct Instructor, Chemical  
Dependency
- Lenora Smook, Adjunct Instructor, Mathematics
- Marie Smulczeski, Adjunct Professional Assistant,  
Physics
- Charles Smutny III, Adjunct Assistant Professor,  
Biology
- Angelisa Snell, Adjunct Instructor, Business
- Dana Sobina, Adjunct Professional Assistant Biology
- Eva C. Sokolek, Adjunct Professional Assistant,  
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- Edward Soloff, Adjunct Assistant Professor, English
- Yonel Solon, Jr., Adjunct Professional Assistant,  
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- Susan Sommer, Adjunct Assistant Professor, Library
- Susan Soper, Adjunct Instructor, Nursing
- Eric Sorrentino, Adjunct Instructor, Criminal Justice
- Joann Sosnowy-Sabella, Adjunct Instructor,  
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- Elena Soterakis, Adjunct Instructor, Visual Arts
- Natasha Soundias, Adjunct Professional Assistant I,  
Mathematics
- Antonina Spaeth, Adjunct Instructor, Business
- Ryan Spaulding, Adjunct Professional Assistant,  
Visual Arts
- Gerri Sperling, Adjunct Instructor, Nursing
- Ellen Spiegel, Adjunct Assistant Professor,  
Mathematics
- Robert Spiotto, Adjunct Instructor, Theater Arts
- Kerry Spooner, Adjunct Instructor, English
- Johnna St. Clair, Adjunct Professional Assistant I  
and Instructor, Biology / Chemistry
- Jacqueline Stack, Adjunct Instructor, Nursing
- Arthur Stahl, Adjunct Assistant Professor,  
Mathematics
- John Stahlberg, Adjunct Professor, Chemistry
- Stephen Staluppi, Adjunct Instructor, Automotive  
Service Specialist
- Virginia Stamatakis, Adjunct English as a Second  
Language
- Masako Stampf, Adjunct Assistant Professor,  
Mathematics
- Gina Stango, Adjunct Professional Assistant I,  
Foreign Language / English as a Second Language
- Ronald Staniec, Adjunct Instructor, Communications
- Mary Jo Stark, Adjunct Instructor, Health Careers
- Steven Stark, Adjunct Assistant Professor, Business
- Zachary A. Starr, Adjunct Associate Professor,  
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- Philip N. Stathos, Adjunct Instructor, Mathematics
- Suzanne F. Staub, Adjunct Instructor, Humanities
- Clyde Stearns, Adjunct Professor, Psychology
- Lorraine Stearns, Adjunct Professor, Business/  
Computer Science
- Heather Stefanescu, Adjunct Professional Assistant  
I, Honors Program
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- Marshal Stein, Adjunct Assistant Professor,  
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- Glen Steinberg, Adjunct Instructor, Psychology
- Anthony Stellato, Adjunct Assistant Professor,  
Chemistry
- Jack Stelljes, Adjunct Professor, Accounting /  
Business / College Seminar / Student Affairs
- Cathy Stephani, Adjunct Professional Assistant I,  
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- Alejandro Stern, Adjunct Instructor, Mathematics
- Mary Ann Stevenson, Adjunct Instructor and  
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- Caitlyn Stever, Adjunct Instructor, English
- Edward Stever, Adjunct Assistant Professor, English
- Lori Stoessel, Adjunct Instructor, Nursing
- Vivian Stojanoff, Adjunct Professional Assistant I,  
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- Lauren Stolworthy, Adjunct Instructor, Mathematics
- Gaynell Stone, Adjunct Professor, Anthropology
- Laura Stone, Adjunct Professional Assistant, Biology
- Cecile Stopkoski, Adjunct Assistant Professor,  
Nursing
- Craig Stormont, Adjunct Associate Professor,  
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- Mark L. Stott, Adjunct Associate Professor, Biology /  
Marine Biology
- Jenny Strandberg, Adjunct Instructor, Philosophy
- Robert Stratton, Adjunct Instructor, History
- Patricia Strauss, Adjunct Instructor, Mathematics
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- Angela Strykowski, Adjunct Instructor, Physical  
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- Danielle Sullivan, Adjunct Instructor, Physical  
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- Debra Sullivan, Adjunct Professional Assistant I,  
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- Suzanne Sullivan, Adjunct Instructor, Dietetic  
Technician
- Karen Surgeary, Assistant Professor, History
- Mitchell Sussman, Adjunct Instructor, Chemical  
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- Paula Sussman, Adjunct Instructor, Chemical  
Dependency
- Carla Sutherland, Adjunct Professional Assistant I,  
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- Kerry Swanson, Adjunct Instructor and Professional  
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- Daniel Sweeney, Adjunct Instructor, Chemical  
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- Thomas H. Sweeny, Adjunct Professor, Mathematics
- Vincent J. Sydlansky, Adjunct Assistant Professor,  
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- Linda Szklarski, Adjunct Instructor, Early Childhood  
Education
- Marta Szpak, Adjunct Professional Assistant I,  
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- Patricia Tacktil, Adjunct Assistant Professor, English
- Anthony P. Taddeo, Adjunct Assistant Professor,  
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- Michael Taddeo, Adjunct Professional Assistant I,  
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- Juliana Tafrova, Adjunct Instructor, Biology

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 Lorraine Tawfik, Adjunct Professor, Mathematics / College Seminar  
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 Jodi L. Teitel, Adjunct Instructor, English  
 Christopher Tempera, Adjunct Professional Assistant, Sports and Events  
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 Kathleen Thompson, Adjunct Instructor, Reading  
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 Patricia Thompson, Adjunct Instructor, Mathematics  
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# ADVISORY COMMITTEES

## COLLEGE

### Tri-Campus Business, Accounting and Retail

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### Information Technology

- Ben Chen, Ph.D., Assistant Academic Chair for Computer Science/Information Technology; Professor of Computer Science/Information Technology, Ammerman Campus, SCCC  
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### School of Nursing

- Teresa Aprigliano, Ed.D., R.N., Associate Dean and Director of the RN/Dual Degree Program, Division of Nursing, Molloy College  
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Dr. Justine Taddeo, Director of Nursing, College of Mount St. Vincent  
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### **School of Nursing Clinical Affiliation Advisory Committee**

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Julie Yerke, R.N., Educational Coordinator, Gurwin Jewish Nursing and Rehab Center

### **Paralegal Studies Program**

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Rachael Dioguardi, Esq., Private Attorney, Alumna  
Hon. Robert Doyle, Justice, Supreme Court of the State of New York (Retired)  
Hon. Joseph Farneti, Justice, Supreme Court of the State of New York; Chair  
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## Photographic Imaging

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## AMMERMAN CAMPUS

### American Sign Language

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Christine Oddo, Associate Director, Mill Neck  
Services for Deaf Adults  
Cindy Shull, Family Support Services Supervisor,  
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### Automotive Technology

#### ATAC Program:

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Tom DeMarco, Nissan  
Bob Duerr, Long Island Street Rod Association  
(LISRA)  
Dennis Manfredo, LISRA  
Bill Konanez, Snap-On Tools  
John Reagan, Seanhaka CHSD  
Bob Westenberger, MATCO Tools  
John Rogers, JWR Automotive Diagnostics  
Justin Kidd, Autologic, Inc.

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Glenn Jacob, General Motors  
Jon Davison, General Motors  
Linda McClure, General Motors Regional Training  
Manager

Daniel Gippert, General Motors  
John Gahan, General Motors

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Zan Mughal, T-TEN Student, Lexus of Rockville  
Centre  
Elton Alvarez, Innovation Toyota  
Steve Silver, Atlantic Toyota  
David Bartoli, Smithtown Toyota  
Nick Antonello, Toyota Motor Sales  
Billy Hsu, Toyota Motor Sales  
Adam Gibson, Toyota Motor Sales  
Vince Favorito, Toyota Technical Service Training  
Manager –New York Region  
Michael Scamardella, TMS / Lexus Eastern Area  
Clark Lance, Lexus Eastern Area Manager  
Joe Myers, Toyota T-TEN  
Vince Luppino, Toyota Motor Sales NY Region

#### Honda PACT Program:

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Samuel Nicoleau Jr., Honda of Valley Stream  
Ed Mayer, Honda Zone 5  
George Quick, Hillside Honda  
Joe Ellsworth, American Honda  
Charlie Vassallo, Apple Honda  
Romeo Mejia, Atlantic Honda  
Dale Guy, Atlantic Honda  
Nicole Plumitallo, Atlantic Honda  
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### **Early Childhood Education**

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### **Emergency Medical Technician: Paramedic**

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John Blosser, Suffolk County Police Department  
Jena Canavan, Instructor of EMS, SCCC  
Dan Crough, M.D., Medical Director  
Michael Cruz, Mastic EMS  
Brian Danowski, Wading River Fire District / Westhampton  
Robert Delagi, Suffolk County Department of Health  
Katrín Diana, Southampton Hospital  
Carl Goodman, D.O., Community Physician  
Maury Greenberg, M.D., Community Physician  
Darlene Hochman, Academic Chair of Education, Health, and Human Services, Professor of Education/Early Childhood, SCCC  
William Masterton, Suffolk County Department of Health  
Phillip Messina, John T. Mather Memorial Hospital  
Michele Miller, Brookhaven Memorial Hospital  
Eric Niegelberg, University Hospital at Stony Brook  
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Mary Jo Stark, Adjunct Instructor of Health Careers, SCCC  
Dave Sterne, Setauket Fire Rescue  
Kyle McGuinness, SCCC Alumna  
Joel Vetter, Adjunct Instructor of Nursing, SCCC  
Lisa Zanca, Community Member  
Matthew B. Zukosky, 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  
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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  
Elaine Merenda, Professor of Engineering and Electrical Technology, SCCC  
Matt Jacobs, Senior Engineer, NARDA Electronics  
Richard Johnston, Professor of Engineering and Electrical Technology, SCCC  
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Charles P. LaSalla, Fire Chief, Brookhaven National Laboratory  
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Christopher Mehrman, Chief Fire Marshal, Town of Brookhaven  
Shawn Reardon, Manager of Training and Compliance, Miller Environmental Group, Inc.; President, American Society Safety Engineers  
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Karen Riley, PTA, Just Kids, Physical Therapy Department

Kevin Roden, PT, Island Sports Physical Therapy

Denis Wurtz, PTA, Speonk Physical Therapy

### Radio/T.V./Film Production

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Bryan Butler, Coordinating Producer, MSG Varsity Network

Vincent Fusco, Executive in Charge of Production, NBC Universal Talk Television

David Haralambou, President, By Request Productions

Kathy Newberger, Cable TV Marketing Consultant

Bill Terry, WBLI, WALK, retired

## EASTERN CAMPUS

### Computer Art

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John Klucina, Production Coordinator, Rensselaer Polytechnic Institute

Mark Moritz, Assistant Professor of Computer Art, SCCC

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### Culinary Arts

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Rich Amster, Assistant Professor of Culinary Arts, SCCC

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Bryan Deluca, Executive Director, Atlantis Marine World

Sylvia Diaz, Executive Director, SCCC Foundation

Andrew Fawcett, Associate Dean Institutional Advancement, SCCC

Monica Harbes, Owner, Harbes Farm and Vineyard

Steve Haweeli, President, Wordhampton

George Hirsch, President, Hirsch Media

Kevin Lessing, Lessings 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, Eastern Campus, SCCC

Frank Sorrentino, Vice President, SUB-ZERO Group East

### Dietetic Technician

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Marta Blanco, D.T.R.; Alumna

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Diane Carillo, Food Service Director, Good Samaritan Hospital

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Chuck Dondero, Food Service Director, St. James Health Care Facility

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John Krakowski, M.A., R.D., C.D.N., FANS Consultant

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 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, Frank William Coppola Designs; Alumna  
 Steven Fredericks, Senior Art Director, Bloom Media Creative Group  
 Keith Groshans, Art Director, Austin and Williams Advertising Agency; Alumna  
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 Joan La Rosa, Director of Sales, Long Island Convention and Visitors Bureau  
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Lisa Rose, alumna  
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## GRANT CAMPUS

### Chemical Dependency Counseling

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David Thuro, President, Thuro Metal Products

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Gary Cassidy, OTR/L, LISSO/ Mill Neck School

Anthony Ciolino, OTR/L, Team Therapy

Ed Colverd, Director, Driving Program, Abilities Center, The Viscardi Center

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Carrie Hessney, OTR/L, Long Island State Veterans Home

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Richard Jacobson, D.V.M., Proprietor, Farmingville Animal Hospital

Dr. Noelle La Croix, Diplomate of American College of Veterinary Ophthalmology, Veterinary Medical Center of Long Island

Brian McKenna, L.V.T., Assistant Hospital Administrator, Long Island Veterinary Specialists

Jean Rooney, L.V.T., Senior Veterinary Technician, Stony Brook University, Division of Animal Research (DLAR)

### **Institutional Animal Care and Use Committee (IACUC)**

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Hector Sepulveda, M.D., Associate Dean for Academic Affairs, Grant Campus, SCCC

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### **HVAC/R (Heating, Ventilation, Air Conditioning/Refrigeration)**

Scott Berger, President, Arista Air Conditioning

Steve Bergman, Owner, Twincos Supply

Tom Butcher, Engineer, Brookhaven National Labs

Tom Carne, Sales Manager, Daikin McQuay

Kevin Cirincione, Owner/President, County Energy

Paul Cooper, P.E., Executive Director of Facilities,  
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Joe Fraccalvieri, Director, POB, Grant Campus,  
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## NOTES

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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, Dance Team and Men's Ice Hockey sponsored by the Athletic Department

A wide range of intramural sports

## **Student Services/**

**Student Life:** Educational, Career and Personal Counseling

Services for 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 Classes Averaging 23 Students

Low Student/Faculty Ratio of 22:1

Accessible Faculty

Study Abroad Program

Honors Program

English as a Second Language (ESL) Program

Transfer Opportunities

Joint Admission Agreements

Co-op/Internship Programs

Scheduling options to fit your lifestyle, including online, early morning/evening, and weekend classes

*more information on inside front cover*

