



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)
Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP)/ Commission on Accreditation for Allied Health Programs (CAAHEP)
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 options of study

477 full-time faculty; 1,505 adjunct faculty

Student Body: Approximately 27,000 students

Ammerman	6,813	full-time	8,506	part-time	15,319	total
Eastern	1,458	full-time	2,892	part-time	4,350	total
Michael J. Grant	3,982	full-time	7,021	part-time	11,003	total

Gender Female 53%; Male 47%

Age 18-24, 80%; 25 and over, 20%

Ethnic White 50.5%; Black 8.0%; Hispanic 19.3%; Asian Pacific 3.7%;
American Indian 0.5%; Other / Unknown 18.0%

Estimated

Annual

Expenses: Tuition and fees (residents) – \$6,020; books and supplies – \$1,500 [approximately]



CATALOG VOLUME 47
2018-2020

*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

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. Lechtrecker Building, Ammerman Campus, 631-451-4741.



PRESIDENT'S MESSAGE

By Dr. Shaun L. McKay

There are numerous reasons why Suffolk County Community College is the ideal place for you to begin the pursuit of your educational goals.

Our institution provides affordable quality higher education, delivered in small class settings, led by faculty with credentials from many of the country's most acclaimed institutions. Whether you start with the goal of transferring to a four-year institution after graduation or you need certain classes to enhance your career skills, you will find everything you need to succeed here at Suffolk. With 100 degree and certificate program options, as well as articulation and dual admissions agreements with many local and nationally renowned four-year schools, our students are able to pursue their interests while preparing for competitive careers.

An Exceptional Education...From enhancing the probability of success for students who need extra support, to creating an academically challenging environment for the hundreds of students in our Honors Program, to working closely with area employers to meet their current and projected workforce demands, Suffolk is dedicated to meeting the full needs of our students and valued communities.

A Complete College Experience...As the largest community college in the State University of New York (SUNY) system, you can count on Suffolk for a full collegiate experience. With recognized athletic programs, more than 90 student clubs, organizations and support services, you will have countless opportunities to grow both academically and personally.

Transferability...We are proud to say that our students routinely transition to a variety of baccalaureate programs at public and private colleges and universities on Long Island, around New York State, and throughout the nation.

Diversity...With an enrollment of approximately 27,000 students, and faculty and staff numbering over 3,000, we are advancing a culture of diversity, equity, and inclusion throughout the institution. We are dedicated to building an appreciation of the many facets of difference that exist within the college community and are reflective of Suffolk County.

Scholarship Support...Suffolk also offers a broad range of scholarships for new and continuing students. In fact, the Suffolk Community College Foundation annually awards more than \$625,000 in student scholarships to hundreds of students enrolled at the College.

Exciting things are happening here at Suffolk. Preparing to begin its 59th year, the College is a vibrant and continuously improving higher education resource. Our students shine and excel, frequently being recognized nationally, regionally and locally for their academic success, as well as their student life and community service contributions.

If this sounds like the learning environment you are looking for, I encourage you to enroll at Suffolk. Almost one in four students who graduate from a Suffolk County high school, do — so you should too! There is no doubt we are the best choice for your first two years of higher education.

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Academic Calendar 2018-2019

FALL 2018

September 4	Tuesday	Day and evening classes begin; Convocation at 4:00 pm
September 8-9	Saturday / Sunday	Saturday / Sunday classes begin
October 9	Tuesday	Professional Development Day – no classes
October 31	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of “W”
November 5	Monday	Priority registration for spring 2019 begins
November 21-25	Wednesday-Sunday	Thanksgiving recess – no classes
November 26	Monday	Classes resume
December 14	Friday	Last meeting of evening classes
December 15-16	Saturday / Sunday	Last meeting of Saturday / Sunday classes
December 21	Friday	Last meeting of day classes
December 22	Saturday	Optional class makeup date, if necessary*

WINTERSESSION 2018-2019

December 27	Thursday	Classes begin
December 31	Monday	New Year’s Eve – no classes
January 1	Tuesday	New Year’s Day – no classes
January 8	Tuesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of “W”
January 17	Thursday	Last meeting of classes

SPRING 2019

January 28	Monday	Day and evening classes begin
February 2-3	Saturday / Sunday	Saturday / Sunday classes begin
February 18	Monday	Presidents’ Day: no classes
March 12	Tuesday	Professional Development Day – no classes
March 20	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of “W”
March 25-31	Monday-Sunday	Spring recess: no classes
April 8	Monday	Priority registration for summer / fall 2019 begins
May 11-12	Saturday / Sunday	Last meeting of Saturday / Sunday classes
May 14	Tuesday	Last meeting of evening classes
May 21	Tuesday	Last meeting of day classes
May 22	Wednesday	Optional class makeup date, if necessary*
May 23	Thursday	Commencement

SUMMER 2019

First 5-Week Summer Session 2019

June 3	Monday	Classes begin
June 19	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of “W”
July 3	Wednesday	Last meeting of classes

Eight-Week Summer Session 2019

June 3	Monday	Classes begin
June 27	Thursday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of “W”
July 4	Thursday	Independence Day – no classes
July 24	Wednesday	Last meeting of classes

Second 5-Week Summer Session 2019

July 8	Monday	Classes begin
July 23	Tuesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of “W”
August 7	Wednesday	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 81 for the policy on religious observance.

Academic Calendar 2019-2020

FALL 2019

September 3	Tuesday	Day classes begin; Convocation at 4:00 pm
September 7-8	Saturday/ Sunday	Saturday/Sunday classes begin
September 10	Tuesday	Evening classes begin
October 8	Tuesday	Professional Development Day – no classes
October 23	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of “W”
November 4	Monday	Priority registration for spring 2020 begins
November 11	Monday	Veterans Day – no classes
November 27- December 1	Wednesday- Sunday	Thanksgiving recess – no classes
December 2	Monday	Classes resume
December 14-15	Saturday/ Sunday	Last meeting of Saturday/ Sunday classes
December 23	Monday	Last meeting of day and evening classes
December 24	Tuesday	Optional class makeup date, if necessary*

WINTERSESSION 2019-2020

December 30	Monday	Classes begin
January 1	Wednesday	New Year’s Day – no classes
January 8	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of “W”
January 17	Friday	Last meeting of classes

SPRING 2020

January 27	Monday	Day classes begin
February 1-2	Saturday/ Sunday	Saturday/Sunday classes begin
February 3	Monday	Evening classes begin
February 17	Monday	Presidents’ Day – no classes
March 3	Tuesday	Professional Development Day – no classes
March 16-22	Monday- Sunday	Spring Recess – no classes
March 25	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of “W”
April 6	Monday	Priority registration for summer/fall 2020 begins
May 9-10	Saturday/ Sunday	Last meeting of Saturday/ Sunday classes
May 19	Tuesday	Last meeting of day and evening classes
May 20	Wednesday	Optional class makeup date, if necessary*
May 21	Thursday	Commencement

SUMMER 2020

First 5-Week Summer Session 2020

June 1	Monday	Classes begin
June 16	Tuesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of “W”
July 1	Wednesday	Last meeting of classes

Eight-Week Summer Session 2020

June 1	Monday	Classes begin
June 24	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of “W”
July 21	Tuesday	Last meeting of classes

Second 5-Week Summer Session 2019

July 6	Monday	Classes begin
July 21	Tuesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of “W”
August 5	Wednesday	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 81 for the policy on religious observance.



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 62,700-square-foot Wil-

liam 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 2017, the College completed construction on a 74,200-square-foot Learning Resource Center, which includes traditional library functions as well as a 100-seat lecture hall, the Academic Tutoring Center, the Writing Studio, meeting space and a Teaching Learning Center.

As part of our partnership with Long Island University, a new modular building was completed in 2016 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. Design, construction, equipment planning and curriculum development for new academic programming is expected to be completed in 2019. The building will act as a showcase for the merits of renewable energy and provide a facility to teach the installation, repair and maintenance of renewable energy systems. It will contain cybersecurity labs, a biology lab, a computer lab, a symposium room, multipurpose classrooms and faculty offices.

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 multi-media room, the Academic Skills Center, gallery space and varied learning spaces for students to pursue collaborative and independent study.

On the Eastern Campus, the College is nearing completion on a 40,214-square-foot Health and Wellness Center. The Center will contain a pool, a gymnasium, strength training and aerobics facilities, and a rock climbing wall. Construction will be completed in fall 2018.

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 options 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 477. By May 2018, the College had over 130,000 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.

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.

To learn more about SUNY, visit www.suny.edu.

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).

Emergency Medical Technician: Paramedic A.A.S. degree curriculum: accredited by the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP)/Commission on Accreditation for Allied Health Programs (CAAHEP).

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.

LIBRARIES

The library webpage, 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. In addition, off campus access

for all electronic resources is available to the SCCC community online with user name and password.

Library faculty assist students with their information and research needs. In collaboration with classroom instructors, students are taught effective critical thinking skills that promote information literacy. The libraries provide additional opportunities for students to gain proficiency using and evaluating information sources by offering credit courses entitled "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. 252).

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 webpage. For additional information telephone: 631-451-4800 (Ammerman), 631-548-2536 (Eastern) or 631-851-6740 (Michael J. 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 digital media and animation, 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 areas. One in the Infor-

mation Commons in the Learning Resource Center (LRC) and another one in Nesconset Hall N11A-Business and Technology Lab. The Information Commons offers both Microsoft Windows and Apple Macintosh computer stations and software and furniture to accommodate individuals with disabilities. Technology assistance is available by visiting the tech help desk in the LRC. Both academic computing facilities have access to the internet. MS Office software, printing (printing limits apply), scanning, 3D printing, as well as certain course specific software. The Information Commons is open Monday-Sunday and has the same hours as the Learning Resource Center. Please check the Grant ETU website for hours and more information.

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	Financial Aid	451-4108
Admissions	451-4000	General Counsel	451-4235
Adult Learner Programs	451-4054	Gifts and Donations	451-4846
Alumni Affairs	451-4630	Graduation	451-4011
Board of Trustees	451-4112	Grants Development	451-4215
College Associate Deans:		Honors Program	451-4778
Central Business Affairs	451-4236	Human Resources	451-4207
Computer Information Systems	451-4205	Institutional Advancement	451-4611
Continuing Education	451-4114	Institutional Effectiveness	451-4129
Curriculum Development	451-4101	International Students	451-4773
Faculty and Professional		Library Services	451-4170
Advancement	451-4464	Mental Health Services	451-4475
General Education		Online Education	451-4731
and Study Abroad	451-4440	Payroll	451-4685
Institutional Advancement	451-4879	President	451-4112
Center of Innovative Pedagogy	451-4804	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
Educational Opportunity		Institutional Advancement	451-4611
Program (EOP)	451-4356	Planning and Institutional	
English as a Second Language (ESL)	851-6519	Effectiveness	451-4129
Executive Assistant to the President	451-4169	Student Affairs	451-4737
Facilities	451-4445	Workforce and Economic	
Faculty Association	451-4151	Development	851-6902

SAYVILLE DOWNTOWN CENTER

30 Greene Avenue, Sayville, NY 11782

The Sayville Downtown Center is located one block north of Main St (Montauk Hwy), adjacent to the LIRR train station.

Driving Directions: Take Sunrise Highway to Exit 49, Lakeland Avenue. Head south on Lakeland Avenue for approximately 1.5 miles. Cross the LIRR tracks and make a right on to Depot Street. Make the first left on to Greene Avenue. The Sayville Downtown Center is on your immediate right.

Parking Locations for the Sayville Downtown Center:

- Municipal parking lot at the corner of Depot St. and Greene Avenue.
- Front of Sayville Downtown Center at 30 Greene Avenue.
- Rear of Sayville Downtown Center on Greeley Avenue.

CULINARY ARTS AND HOSPITALITY CENTER

20 East Main Street, Riverhead, NY 11901

From the west, using Long Island Expressway (I-495E): Go to Exit 71. Take CR94/Rt.24E for 5 miles to downtown Riverhead traffic circle. From the circle exit north onto Peconic Ave toward Main St. Riverhead. Turn right onto Main St. and make first left onto Roanoke Ave. Make first right off Roanoke Ave. into public parking lot.

From the west, using Sunrise Highway (Rt. 27E): Go to Exit 61. Take County Road 51 north for 7 miles to CR94/Rt.24E. Make slight right onto CR94/Rt.24E and take for .2 miles to the downtown Riverhead traffic circle. From the circle exit north onto Peconic Ave toward Main St. Riverhead. Turn right onto Main St. and make first left onto Roanoke Ave. Make first right off Roanoke Ave. into public parking lot.

From the east on the North Fork: Follow Rt. 25W to downtown Riverhead and turn right onto Roanoke Ave. Make first right off Roanoke Ave. (at Gazebo) into public parking lot.

From the east on the South Fork: Follow Rt. 27W (Sunrise Highway) to Exit 65N at Hampton Bays. Take Rt. 24N for 7 miles to the downtown Riverhead traffic circle. From the circle exit north onto Peconic Ave toward Main St. Riverhead. Turn right onto Main St. and make first left onto Roanoke Ave. Make first right off Roanoke Ave. into public parking lot.

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 one 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/Campus CEO	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 Advising and Mentoring Center (AAMC)	451-4355
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	451-4391
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

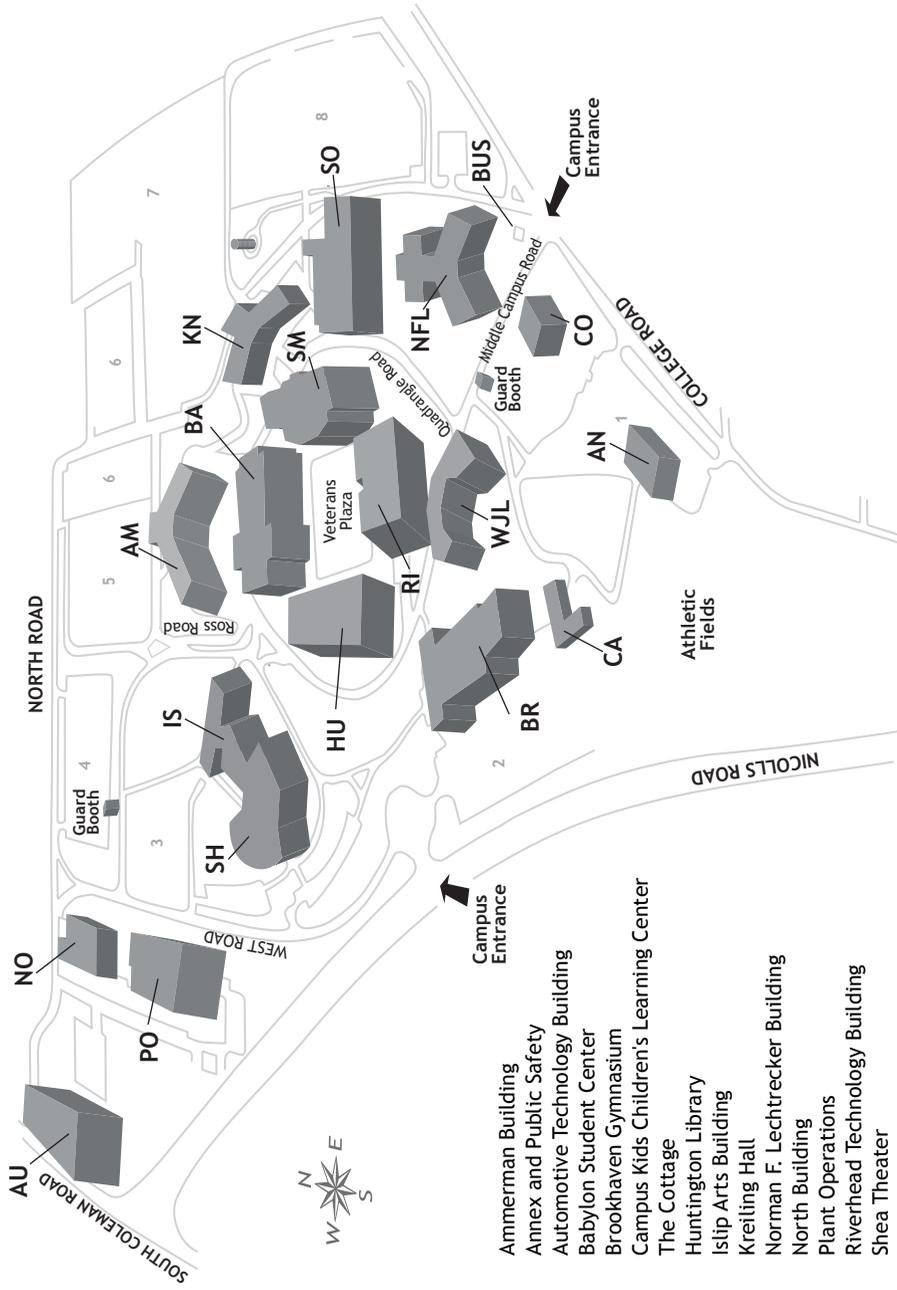
Philosophy	451-4093
Physical Education	451-4935
Physical Sciences	451-4312
Psychology, Sociology and Anthropology	451-4336
Reading Center	451-4531
Reading/College Seminars	451-4158
Sayville Center	851-6970/851-6972
Social Sciences	451-4336
Theatre	451-4164
TV/Radio/Film	451-4147
Visual Arts	451-4093
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
Cashier	451-4086
Children's Learning Center	451-4388
Counseling Center	451-4053
Disability Services	451-4045
Educational Opportunity Program	451-4356
Financial Aid	451-4072
Health Services	451-4047
Military and Veterans Service	451-4456
Public Safety	451-4242
Registrar	451-4004
Student Support Services Program	451-4693

All phone numbers use area code 631.

AMMERMAN CAMPUS



- AM Ammerman Building
- AN Annex and Public Safety
- AU Automotive Technology Building
- BA Babylon Student Center
- BR Brookhaven Gymnasium
- CA Campus Kids Children's Learning Center
- CO The Cottage
- HU Huntington Library
- IS Islip Arts Building
- KN Kreiling Hall
- NFL Norman F. Lechtrecker Building
- NO North Building
- PO Plant Operations
- RI Riverhead Technology Building
- SH Shea Theater
- SM Smithtown Science Building
- SO Southampton Building
- WJL 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/Campus CEO	548-2564
Associate Dean for Academic Affairs	548-2560
Associate Dean for Culinary Arts and Hospitality Center	548-2562
Assistant Dean of Academic Affairs	548-2543
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

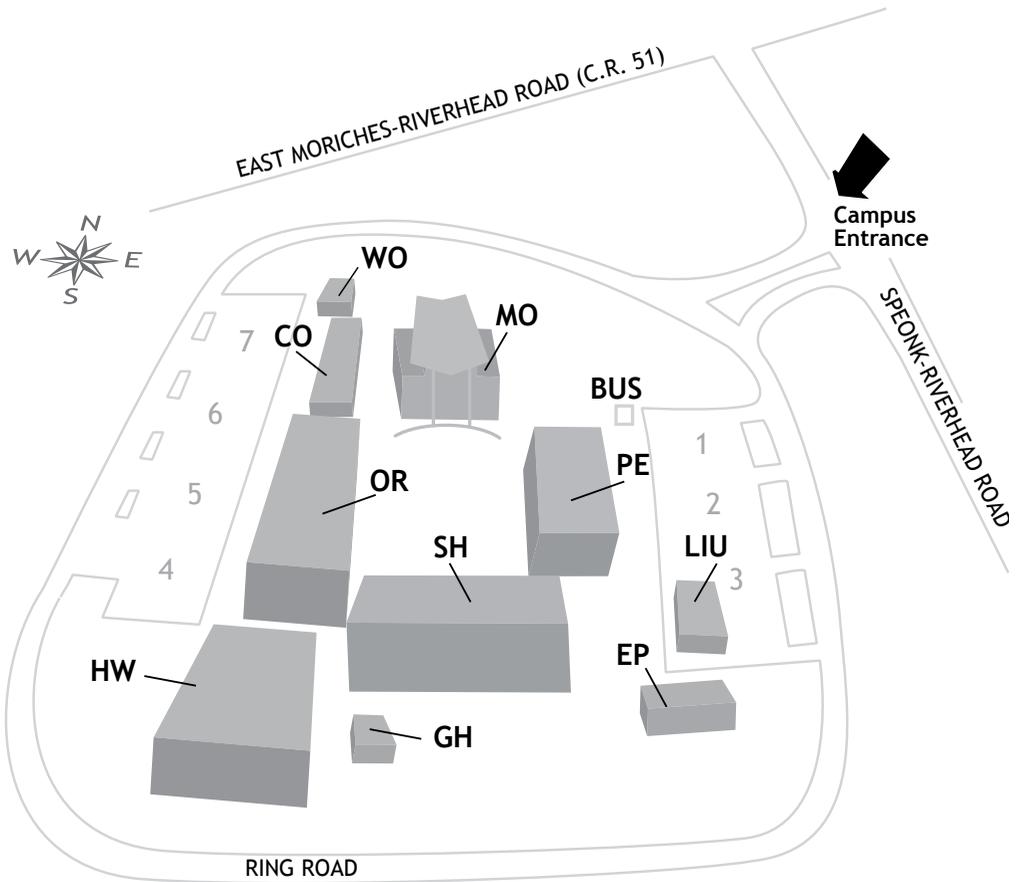
Campus Head Librarian	548-2540
Director of Plant Operations	548-2507
Assistant Director of Plant Operations	548-2649
Educational Technology Unit	548-2607

EASTERN CAMPUS STUDENT AFFAIRS OFFICES

Admissions	548-2512
Advising And Testing	548-2527
Associate Dean of Student Services	548-2514
Campus Activities	548-2522
Cashier	548-2502
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.

EASTERN CAMPUS



CO	CORCHG	Corchaug Building
EP	ENERGY	Energy Plant
GH	GREENH	Greenhouse
LIU		LIU Building
HW		Health and Wellness Building
MO	MONTAK	Montaukett Learning Resource Center
OR	ORIENT	Orient Building
PE	PECONC	Peconic Building
SH	SHNCCK	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/ Campus CEO	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	851-6244
Campus Head Librarian	851-6745
Plant Operations	851-6793
Special Events	851-6900

MICHAEL J. GRANT CAMPUS ACADEMIC OFFICES

Academic Computing-Tech Help Desk	851-6356
Accounting and Business Administration	851-6770/6931
Allied Health Science Programs	851-6571/6594
Academic Tutoring Center	851-6369
Communication and The Arts	851-6370/6468
Computer Information Systems/ Office Technology	851-6770/6288
English and Humanities	851-6741/6426

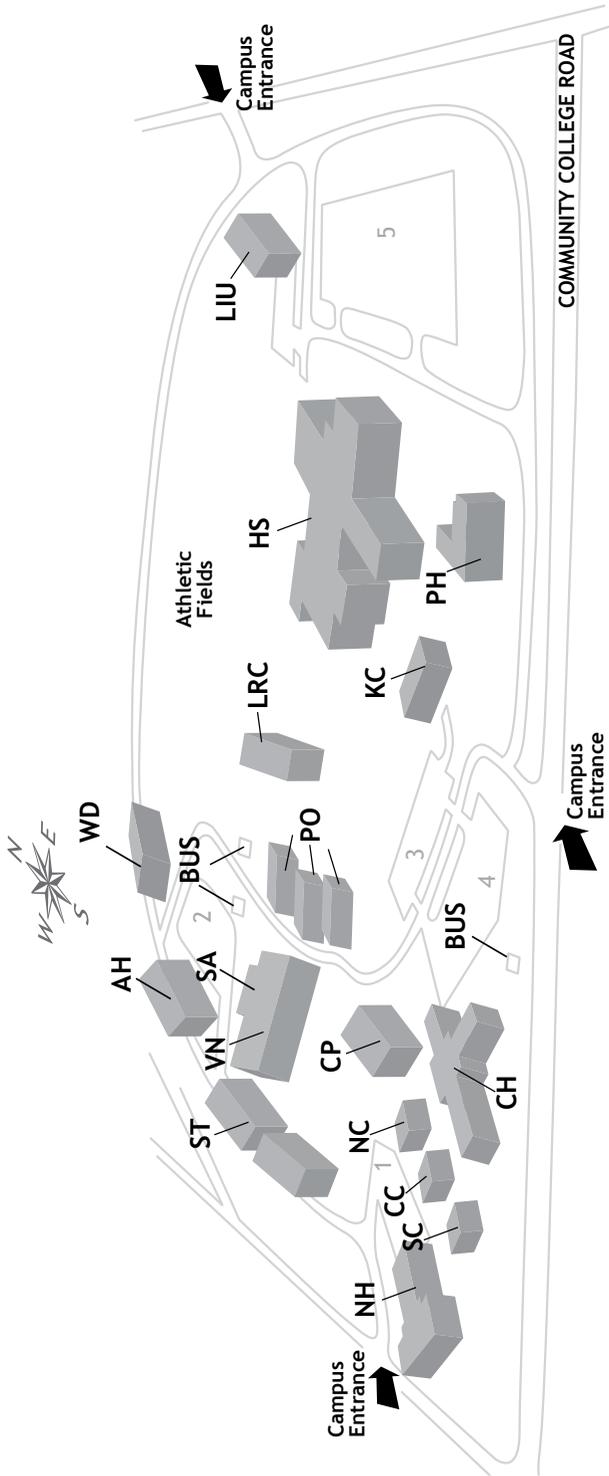
Language and Transitional Studies	851-6370/6468
Mathematics	851-6912/6751
Natural Sciences	851-6786/6761
Nursing	851-6571/6439
Physical Education	851-6758/6334
Social Sciences	851-6572/6548
Veterinary Science	851-6946/6962

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.

MICHAEL J. GRANT CAMPUS



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



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 30 for information regarding advanced standing credit.

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

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

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

Specific admission requirements and application procedures for each of Suffolk County Community College's curricula can be found in the individual detailed curriculum descriptions 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 www.sunysuffolk.edu/international 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 pursuing 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 online at www.sunysuffolk.edu. 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.

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.

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) or the Association of International Credentials Evaluators (AICE). For information visit 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, and 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 wintersession and summer sessions). 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, weekends, or online 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 or certificate 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.

MAJORS AND PROGRAMS/CURRICULA

<i>Degree</i>	<i>Curriculum</i>	<i>Campus</i>	<i>Online</i>	<i>Page for details</i>
AAS	Accounting (Career Option)	A E G		99
AS	Accounting (Transfer Option)†	A E G		100
Cert	Accounting Certificate	A E G		101
AAS	American Sign Language Studies	A		102
Cert	Automotive Maintenance and Light Repair Certificate	A		103
AAS	Automotive Service Specialist‡	A		104
AAS	Toyota T-TEN Automotive Service‡	A		105
AAS	Business Administration (Career Option)	A E G	100%	106
AS	Business Administration (Transfer Option)†	A E G		107
Cert	Business Management Certificate	A E G	75%+	108
AAS	Business: Marketing		G	108
AAS	Business: Retail Marketing and Management	A		109
Cert	Business: Retail Marketing and Management Certificate	A		109
AAS	Chemical Dependency Counseling‡		G	110
AA	Communication Studies	A E G		111
AA	Communications and Media Arts: Journalism	A		112
AS	Computer Science‡	A		113
AAS	Construction Technology - Architectural Technology‡	A		114
AS	Criminal Justice	A E G		115
AAS	Culinary Arts: Baking and Pastry Arts	E		116
Cert	Baking and Pastry Arts Certificate	E		117
AAS	Culinary Arts: Restaurant Management	E		116
Cert	Culinary Arts: Restaurant Management Certificate	E		117
AAS	Cybersecurity and Information Assurance	A		118
AAS	Dietetic Technician	E		119
AS	Digital Media and Animation	E		120
Cert	Drafting (Computer-Assisted) Certificate‡	A		121
AAS	Early Childhood (Career Option)†	A E G		122
AS	Early Childhood (Transfer Option)†	A E G		123
AAS	Electrical Technology - Electronics‡	A		124

† Some courses need to be taken at another campus

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

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

Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus

<i>Degree</i>	<i>Curriculum</i>	<i>Campus</i>	<i>Online</i>	<i>Page for details</i>
AAS	Emergency Medical Technician: Paramedic†	A		125
AS	Engineering Science†	A		126
AAS	Fire Protection Technology	A		127
Cert	Fire Investigation Certificate	A		127
AS	Fitness Specialist†	A		128
AS	Graphic Design		E	129
AAS	Health Information Technology / Medical Records†		G	130
AAS	Heating, Ventilation, Air Conditioning and Refrigeration Technology (HVAC/R)†		G	132
Cert	Heating, Ventilation, Air Conditioning and Refrigeration Technology (HVAC/R) Certificate†		G	133
AAS	Hotel and Resort Management		E	134
Cert	Hotel and Resort Management Certificate		E	135
AS	Human Services†	A		136
AAS	Information Technology†			
	Computer Information Systems Option	A	E G	137
	Network Design and Administration Option	A	E G	138
Cert	Information Technology Certificate†			
	Computer Information Systems Option	A	E G	139
	Network Design and Administration Option	A	E G	139
AAS	Interior Design		E	140
AA	Liberal Arts and Sciences: Adolescence Education/ Biology†*	A	E G	141
AA	Liberal Arts and Sciences: Adolescence Education/ English†*	A	E G	143
AA	Liberal Arts and Sciences: Adolescence Education/ History†*	A	E G	145
AA	Liberal Arts and Sciences: Adolescence Education/ Mathematics†*	A	E G	147
AA	Liberal Arts and Sciences: Education (Child Study)†*	A	E G	149
AA	Liberal Arts and Sciences: General Studies	A	E G	151
AA	Liberal Arts and Sciences: Humanities†			
	Cinema Studies Option	A		152
	Creative Writing Option	A		152
	English Option	A	E G	153
	Foreign Language Option	A		153
	Philosophy Option	A	G	153
AA	Liberal Arts and Sciences: Mathematics†	A		155

† 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	Online	Page for details
AS	Liberal Arts and Sciences: Science‡			
	Biology Option	A	E† G	156
	Chemistry Option	A		156
	Earth and Space Science Option/ Astronomy Sequence	A		157
	Earth and Space Science Option/ Geology Sequence	A		157
	Earth and Space Science Option/ Meteorology Sequence	A		157
	Environmental Science/Forestry Option Physics Option	A	E† G	158 158
AA	Liberal Arts and Sciences: Social Science‡			
	History Option	A	E G	159
	Political Science Option	A	E G	159
	Psychology Option Sociology Option	A	E G E G	160 160
AA	Liberal Arts and Sciences: Women's and Gender Studies	A		161
AAS	Manufacturing Technology‡		G	162
AS	Music	A		163
AS	Nursing‡			164
	Day and Evening Program Option‡	A	G	167
	LPN-RN Program Option‡	A	G	167
Cert	Practical Nursing Certificate		E	168
AAS	Occupational Therapy Assistant‡		G	170
AAS	Paralegal Studies‡	A	G	172
Cert	Paralegal Studies Certificate‡	A	G	173
AAS	Photographic Imaging		E G	175
AS	Physical Education Studies	A		176
AAS	Physical Therapist Assistant‡	A		177
AAS	Radio and Television Production‡	A		179
AS	Theatre Arts			
	Acting Option‡	A		180
	General Theatre Option Technical Theatre Option	A A		180 181
AAS	Veterinary Science Technology‡		G	182
AS	Visual Arts	A	G	184

† Some courses need to be taken at another campus

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

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

Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus

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.

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 coursework 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 coursework at Suffolk applicable to their associate degree curriculum and half the re-

quired credit hours of academic coursework at Suffolk applicable to their 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 (AP)

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 (IB)

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 and Michael J. Grant campuses. Visit www.sunysuffolk.edu/apply-enroll/transfer-students/CLEP.

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 coursework at Suffolk applicable to their associate degree curriculum and half the required credit hours of academic coursework 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 at least twelve months prior to attending college. EOP accepts students who qualify academically and financially based on the following guidelines:

- a. New York State resident;
- b. recipient of a high school diploma, TASC or its equivalent;
- c. full-time registration;
- d. 83 or less high school average in major subjects, or placement in one or more developmental courses;
- e. non-high school graduate who is admitted to SCCC through the Ability to Benefit (ATB) program;
- f. 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 eligi-

bility 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 G.P.A. or better for 2 consecutive semesters)

Student Support Services (TRIO)

The Student Support Services (SSS) program enhances opportunities for students to successfully complete their college education. Through the development and implementation of a personal support plan, students receive assistance in identifying their educational goals and learning needs as well as individual academic and financial advisement and tutoring. Eligible students are those with an academic need, enrolled full-time and in their first semester at Suffolk County Community College. In addition, students must meet at least one of the following criteria:

- First generation college student (neither parent has graduated from college with a four-year degree)
- Low income student
- Student with a documented disability

What the program offers:

- One-on-one assistance with academic needs
- Academic Coaching
- Instruction in basic study skills
- Tutorial services
- Assistance in applying for and maintaining financial aid eligibility
- Information about career and transfer opportunities
- Registration priority
- Peer mentoring
- Referral to campus resources
- Workshops and Informational sessions

Applications to the Student Support Services program will be considered on a first-come, first-served basis. Students must be in their first semester in the fall and full time (12 or more credits) in order to be considered. The program acceptance deadline is October 25th of each year. Please note that we are unable to accept

students in the spring. Therefore, interested students should apply as early as possible. If you are interested in applying or would like to learn more about the SSS program on your campus, please contact your campus Student Support Services office:

Ammerman Campus: 631-451-4693
 Eastern Campus: 631-548-2582
 Michael J. Grant Campus: 631-851-6778

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 matriculated 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 and measures. 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 in up to 14.5 credit hours per semester which would include the required developmental courses and courses from the student's 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 a 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. In the subsequent semester the student 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 language instruction. As a result, extensive course offerings in English as a Second Language are available at each of the campuses.

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

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

sections that focus on the four linguistic skill areas: speaking, listening, reading and writing.

Non-Credit Program ESL Classes*

The **part-time** non-credit ESL program consists of 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 of 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
<i>Module 1.1B</i>	
Writing/Grammar	3 hours

Language Lab1 hour
Total7 hours

Module 1.2A

Grammar3 hours

Module 1.2B

Reading/Writing
Listening/Speaking3 hours
Language Lab1 hour
Total7 hours

Level 2:**Module 2.3A**

Grammar3 hours

Module 2.3B

Reading/Writing
Listening/Speaking3 hours
Language Lab1 hour
Total7 hours

Level 3:**Module 3.4A**

Writing/Grammar3 hours

Module 3.4B

Reading/Listening/Speaking . . .3 hours
Language Lab1 hour
Total7 hours

Level 4:**Module 4.5**

Comprehensive.6 hours
Language Lab1 hour
Total7 hours

Total Program Time: 6 semesters/504 hours

Full-time Intensive English Program (IEP)

Beginner: *per week*

Comprehension and Speaking . . .6 hours
Grammar6 hours
Reading/Writing6 hours
Language Lab2 hours
Total20 hours

Intermediate:

Comprehension and Speaking . . .4 hours
Grammar5 hours
Reading4 hours
Writing5 hours
Language Lab2 hours
Total20 hours

Advanced:

Comprehension and Speaking . . .3 hours
Grammar3 hours
Reading4 hours
Writing5 hours
Language Lab2 hours
American Culture or TOEFL
Preparation3 hours
Total20 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.

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

SEMESTER II:		<i>per week</i>
ESL012	ESL: College Reading II	3 hours
ESL014	ESL: Intensive Grammar II	3 hours
ESL016	ESL: College Listening/ Speaking Skills II	3 hours
ESL018	ESL: College Composition II	3 hours
<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 every 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, peer mentors and other new students, and

- information about academic policies and programs, student support services and student life opportunities.

The College offers a comprehensive online orientation program to supplement the in-person orientation which provides valuable information on numerous topics to new students. The online orientation is accessible from the College website and in the student portal.

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 78 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

Due to legal and regulatory changes related to the Affordable Care Act (ACA), as of Fall 2018, the College will no longer offer the Student Accident Insurance Plan (SAIP) to students.

Based on these conditions, all students must now find their own private health insurance coverage. Individuals under the age of 26 may qualify for health insurance under a parent's plan. Individuals may also be eligible to be covered under their parent's plan until age 29 under State law if certain requirements are met. For more information, see the NYS Department of Financial Services website. Those who do not qualify for coverage under a parent's health insurance policy should visit the New York State Health Plan Marketplace at <https://nystateofhealth.ny.gov>. By following the steps outlined on the website, students can identify and purchase healthcare coverage ideally suited to their own needs, as well as explore whether they qualify for free or low-cost coverage options and assistance that may be available to obtain coverage. Some students may not be able to obtain coverage through the Marketplace until the open enrollment period for 2019 coverage begins later this fall, but some students may qualify for a special enrollment period and, thus, be able to obtain coverage now, so we encourage students to research their eligibility and coverage options as soon as possible.

Please note that it is extremely important for students to obtain health insurance. The College encourages its students to pursue either: (a) coverage through a parent's health insurance or; (b) a personal policy available through the online Marketplace. Students are responsible for their own health, and should take the time to find the ideal insurance options.

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 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 44.) 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.



Suffolk
COUNTY COMMUNITY COLLEGE

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 12-18 credits per semester. Students who take fewer than 12 credits or more than 18 credits are charged on a per credit basis.

The College has two tuition rates: resident tuition, charged to Suffolk County residents and non-resident tuition, charged to all non-Suffolk County residents. Non-resident tuition is currently double the resident tuition rate. To qualify for resident tuition, a student must have legal domicile of one year in New York State and six months in Suffolk County. The legal residency of unmarried students under the age 21 is that of their parents. Suffolk County permanent residents with valid Permanent Resident Cards ("green cards") are charged resident tuition as long as they meet the residency requirements indicated above.

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

with their home county's Chief Financial Officer/Treasurer no more than two months before the start date of the semester (no later than 30 days after the start of classes for some counties). A Certificate of Residence is valid for no more than one year and must be renewed every year. 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 or by fax to 631-451-4444.

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 responsible for the full non-resident tuition.

For terms that begin after July 1, 2017, under the GI Bill, a veteran who enrolls at the College within three years of discharge from a period of active duty service of 90 days or more will pay resident tuition. There are no longer any residency requirements, or non-resident tuition charges for veterans or their eligible dependents using the covered GI Bill programs.

Fees

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

Administrative Collection Fee: covers a portion of the administrative costs of reinstating student accounts deemed uncollectible.

Application Fee: a non-refundable fee that supports the cost of admission processing for full-time and part-time students.

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: non-refundable 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 with lab-based activities.

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's Tuition and Fee Schedule.

Late Payment Fee: a fee charged for each payment that is not made 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: a non-refundable charge upon students on the Michael J. Grant and the Ammerman Campuses enrolled for nine or more credits in a semester.

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 Deposit Fee: a non-refundable payment required from students who are admitted to programs at the College. The deposit will be applied to the tuition payment in the first semester that the student registers following the payment of the deposit. If the student does not register and attend classes within one year of paying the deposit, the deposit will be forfeited.

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. It is only available for the fall and spring semesters.

Vehicle Registration Fee: charged for fall and spring semesters 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, Returned Check Fee, the Challenge Examination Fee, CLEP Service Fee, Records Maintenance 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, and Prior Learning Assessment Fee.

Other fees are refunded if the student officially withdraws before the first day of a session. These include the Student Activity Fee, Accident Insurance Fee, Liability Insurance Fee, Vehicle Registration Fee, Technology Fee, and Late Registration 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 2018)

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 12-18 credit hours of course work in a semester. Special permission must be obtained from the campus Office of Academic Affairs to register for more than 18 credits in any semester. Full-time students taking more than 18 credits will be charged the current per credit fee for each credit exceeding 18.

Tuition for the **summer, intersession and other special sessions** is based on the part-time tuition rate of \$218.00 per credit for Suffolk residents and \$436.00 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 2019 and applies to all campuses and extension sites of the College. The schedule of tuition and fees for the 2018-2019 academic year will be approved during the summer of 2018.

Tuition and fees must be paid according to established payment dates and at the time of registration when daily descheduling is in effect. 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 are in effect for the 2018-2019 academic year:

12 credits or more per semester (full-time)

Tuition, Residents, per semester	.. \$ 2,610.00
Tuition, Non-Residents, per semester	..... 5,220.00
<i>For all full-time students taking more than 18 credits, the current per credit fee will be charged for each credit exceeding 18 credits.</i>	
Tuition, more than 18 credits:	
Residents, per credit	..... 218.00
Non-Residents, per credit	..... 436.00
Tuition Deposit (applied to tuition but non-refundable)	..... 100.00
Tuition Payment Plan Fee, per semester (non-refundable)	..... 50.00
Accident Insurance Fee (mandatory), per semester	..... 9.00
Administrative Collection Fee	..... 100.00
Application Fee (non-refundable)	..... 40.00
Applied Music Fee, per semester	..... 450.00
Challenge Examination Fee, per course (non-refundable)	..... 100.00
College-Level Examination Program (CLEP) Fee	..... 40.00
College-Level Examination Program (CLEP) Late Fee	..... 20.00
Culinary Arts Program Fee, per credit	.. 65.00
Distance Education Fees*, per course	.. 75.00
<i>(Applicable courses are indicated in course schedules.)</i>	
Failure to obtain College ID Card	..... 25.00
Laboratory/Equipment/Special Program Fees*, per course	..... 75.00
<i>(Applicable courses are indicated in course schedules.)</i>	
Late Payment Fee, per assessment (non-refundable)	.. 30.00
Late Registration Fee, per session (non-refundable; begins one week prior to first day of session)	..... 30.00
Liability Insurance Fee, per course	..... 50.00
Littering College Campus	..... 50.00
Meal Plan, per semester	..... 100.00
<i>(Ammerman/Grant only, 9 or more credits fall and spring semesters)</i>	
Music Performance Lab Fee, per course	..... 35.00

**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.*

Physical Education Fee*, per course . . .	75.00
<i>(Applicable courses are indicated in course schedules.)</i>	
Prior Learning Assessment (non-refundable)	
Basic Fee per discipline for	
Portfolio Evaluation	100.00
Supplementary Fee	1/3 tuition
of credits requested	
Records Maintenance Fee, per credit,	
maximum \$36.00 per semester	3.00
Replacement of Lost ID Card Fee	12.00
Returned Check Fee,	
each (non-refundable)	30.00
Smoking Policy Violation	20.00
Student Activity Fee (per credit, maximum	
\$100 per semester)	9.00
Technology Fee (campus	
enrollees only), per semester	150.00
Transcript Fee (non-refundable)	15.00
Web Access Fee (applied to	
charges \$50 and over)	20.00
Vehicle Fees	
Vehicle Registration Fee (per vehicle, per	
semester - Fall, Spring)	15.00
Driving or Parking on Restricted	
Roads or Areas	100.00
Excessive Speed on campus	100.00
Failure to Register/Renew	
Vehicle with College	30.00
Failure to stop, to obey signs	
or security personnel	100.00
Failure to yield to pedestrians	100.00
Obstruction of a trash	
container/crosswalk	75.00
Parking in Fire Zone/Lane or	
15 feet of fire hydrant	150.00
Parking in Handicapped Area	280.00
Parking in other than	
Designated Area	50.00
Replacement of Lost Parking	
Sticker	12.00
English as a Second Language (ESL) Non-credit	
Tuition (per semester)	
ELL001, ELL010	390.00
ELL003, ELL005, ELL007,	
ELL008	195.00
ELL002, ELL004, ELL006,	
ELL009	195.00
ELW001, ELW002, ELW003, ELW004,	
ELW005, ELW006, ELW007,	
ELW008, ELW009, ELW016	165.00
IEP074, IEP084, per semester	1,960.00
IEP094 and	
either IEP092 or IEP093,	
per semester	1,960.00
IEP092, IEP093 per semester	230.00

Fewer than 12 credits per semester (part-time)	
Tuition, Residents, per semester	\$ 218.00
Tuition, Non-Residents,	
per semester	436.00
Tuition Deposit (applied to tuition but	
non-refundable)	100.00
Tuition Payment Plan Fee,	
per semester (non-refundable)	50.00
Accident Insurance Fee (mandatory),	
per semester	9.00
Administrative Collection Fee	100.00
Application Fee (non-refundable)	40.00
Applied Music Fee, per semester	450.00
Challenge Examination Fee,	
per course (non-refundable)	100.00
College-Level Examination Program	
(CLEP) Fee	40.00
College-Level Examination Program	
(CLEP) Late Fee	20.00
Culinary Arts Program Fee, per credit	65.00
Distance Education Fees*, per course	75.00
<i>(Applicable courses are indicated in course schedules.)</i>	
Failure to obtain College ID Card	25.00
Laboratory/Equipment/Special	
Program Fees*, per course	75.00
<i>(Applicable courses are indicated in course schedules.)</i>	
Late Payment Fee,	
per assessment (non-refundable)	30.00
Late Registration Fee, per session	30.00
(non-refundable; begins one week	
prior to first day of session)	
Liability Insurance Fee, per course	50.00
Littering College Campus	50.00
Meal Plan, per semester	100.00
<i>(Ammerman/Grant only, 9 or more credits</i>	
<i>fall and spring semesters)</i>	
Music Performance Lab Fee,	
per course	35.00
Physical Education Fee*, per course	75.00
<i>(Applicable courses are indicated</i>	
<i>in course schedules.)</i>	
Prior Learning Assessment (non-refundable)	
Basic Fee per discipline for	
Portfolio Evaluation	100.00
Supplementary Fee	1/3 tuition
of credits requested	
Records Maintenance Fee, per credit,	
maximum \$36.00 per semester	3.00
Replacement of Lost ID Card Fee	12.00
Returned Check Fee,	
each (non-refundable)	30.00
Smoking Policy Violation	20.00
Student Activity Fee (per credit, maximum	
\$100 per semester)	9.00

Technology Fee (campus enrollees only), per semester	150.00
Transcript Fee (non-refundable)	15.00
Web Access Fee (applied to charges \$50 and over)	20.00
Vehicle Fees	
Vehicle Registration Fee (per vehicle, per semester - Fall, Spring)	15.00
Driving or Parking on Restricted Roads or Areas	100.00
Excessive Speed on campus	100.00
Failure to Register/Renew Vehicle with College.	30.00
Failure to stop, to obey signs or security personnel	100.00
Failure to yield to pedestrians	100.00
Obstruction of a trash container/crosswalk.	75.00
Parking in Fire Zone/Lane or 15 feet of fire hydrant.	150.00
Parking in Handicapped Area	280.00
Parking in other than Designated Area	50.00
Replacement of Lost Parking Sticker	12.00
English as a Second Language (ESL) Non-credit Tuition (per semester)	
ELL001, ELL010	390.00
ELL003, ELL005, ELL007, ELL008	195.00
ELL002, ELL004, ELL006, ELL009	195.00
ELW001, ELW002, ELW003, ELW004, ELW005, ELW006, ELW007, ELW008, ELW009, ELW016	165.00
IEP074, IEP084, per semester	1,960.00
IEP094 and either IEP092 or IEP093, per semester.	1,960.00
IEP092, IEP093 per semester	230.00

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 in the spring and fall semester:

- 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 and/or during the winter and summer:

- 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.

Special Refund Provisions for Federal Financial Aid Recipients

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

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

Exceptions to the Refund Policy

Under very limited circumstances, students may request refunds after the end of the refund periods. Requests are not considered for students who attended beyond the midpoint of

the semester, nor are they considered if they are submitted more than thirty days following the end of the semester affected.

If these time frames are met, the College may make exceptions to the refund policies for students affected by serious illness, who experience death in their immediate family, or are called to military service. To be considered under these circumstances, students may submit the “Request for a Refund/Adjustment of Financial Liability” form. The form is available on the student portal at www.sunysuffolk.edu/mysccc and must be submitted to the office of the Associate Dean of 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 a student does not meet their financial obligation, the College employs the service of collection agencies. If an account is sent to collections, the student is responsible for all associated costs including interest, contingency fees, legal fees, and administrative fees if the account is returned uncollected. Fees associate with collection of a delinquent account can be as much as 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.

Course Drop or Withdrawal

Students who wish to drop courses must do so either in person at the Campus Registrar’s Office by using the Drop/Add form or via the MySCCC portal (my.sunysuffolk.edu) during the College’s official drop/refund period. Refunds are calculated based on the date of the drop within this period. Students who wish to withdraw from courses for any reason must officially notify the College by filling out and submitting the SCCC Course Withdrawal form.

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 Course Withdrawal form is the only form of withdrawal that qualifies a student for a refund of tuition and non-refundable fees.

The College’s withdrawal procedures apply 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 makes available to eligible students to help them meet their educational expenses. 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 the family’s ability to pay. In many instances, Suffolk County Community College is able to meet the student’s full financial need with grants that do not have to be repaid.

All aid recipients 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) for additional information.

The first step in applying for financial aid is completion of the “Free Application for Federal Student Aid” (FAFSA) at fafsa.gov. 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 or by accessing hesc.ny.gov. 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 an 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 government reviews family income and assets and computes an "expected family contribution" (EFC). The College subtracts the "EFC" from the cost of attendance (available on our website at www.sunysuffolk.edu, which includes both direct and indirect cost) to determine financial need. The financial need represents the amount of money required to meet college expenses for the academic year.

Student with an active email account may view their awards on the SCCC student portal. New students will receive a paper award letter.

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.

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 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
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
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
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 the student's last day of enrollment.

Renewal

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

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

Withdrawal or Change of Status

Students who wish to withdraw from the college or change status (go from full-time to part-time or reduce the number of part-time credits) for any reason must complete an official withdrawal form available in the Campus Registrar's Office. The date of such application during the first three weeks will determine the percentage of tuition refundable and could affect the amount of financial aid received. **Failure to follow the proper withdrawal procedures will result in the student**

being financially liable for full tuition and fees. Federal financial aid cannot pay student charges for a class or classes the student never attended or stopped attending unless official college withdrawal procedures were followed. Students receiving a *pro rata* reduction of federal student aid when withdrawing before 60% of the semester is completed may be liable for any outstanding tuition due.

Rights and Responsibilities

The Financial Aid Office is committed to encouraging and creating college access and opportunity to the residents of our community. 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. Any current or prospective applicant may make an appointment with a financial aid counselor.

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., 2018 for the 2018-2019 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 2018-2019 range from \$762 to \$6095 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. 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. Funds are awarded on a first come, first served basis.

New York State Government Grants The Excelsior Scholarship Program

The New York State program, implemented during the 2017-2018 award year, provides up to full tuition for eligible New York State residents who are registered for 12 or more college level credits each semester and earn at least 30 college level credits towards their degree in a one year (365 days) period. Students enrolled

in the Educational Opportunity Program (EOP) have to successfully complete 24 credits per year. Students covered under the American with Disabilities Act have different academic standards, they must complete all college level credits they attempt.

The federal adjusted gross income ceiling for the 2018-2019 academic year is \$110,000.

Eligible students must file the FAFSA and TAP applications for the 2018-2019 academic year, be New York State residents attending a CUNY or SUNY institution, must meet the general requirements for New York State financial assistance, and be on track to graduate by completing 30 credits in their degree program each year.

Excelsior awards are limited to students working on their first degree, a student enrolled in a second associate degree program are ineligible. In addition, a student who has had a gap in enrollment is also not eligible.

There is a residency requirement where an Excelsior Scholarship recipient must live and work in New York State after their studies for a number of years they receive the award. If they do not, the Scholarships reverts to a no-interest loan.

Applicants should complete the Excelsior Scholarship application at hesc.ny.gov.

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 \$5,165 per year for 2018-2019. 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

REQUIREMENTS FOR THE EXCELSIOR SCHOLARSHIP

1. Scholarship recipients must enroll in at least 12 degree applicable credits per semester (fall/spring) and must remain in at least 12 credits until the drop period is over. A student who withdraws (when a W1 or W2 is recorded), will still be able to receive the term awards.
 - Remedial course do not count toward the 12 credit/term requirement.
 2. Scholarship recipients must earn 30 college credits in degree per year (the start of the 365 day period for which 30 credits must be earned depends on the term of the first award).
 - First time fall recipient, must earn 30 credits by the end of the upcoming summer.
 - First time spring recipient, must earn 30 credits by the end of the upcoming winter term.
 3. Students must not have a break in enrollment, unless it relates to extenuating circumstances – must appeal with HESC,
 4. ADA students (must be identified by the school):
 - Must successfully complete all courses they attempt. Must not have a break in enrollment unless related to their disability, for which they will then appeal with HESC.
-

FEDERAL AND STATE FINANCIAL ASSISTANCE PROGRAMS

Program	How to Apply	Award	Income Criteria	Enrollment
Federal Pell Grant (Pell)	fafsa.ed.gov	\$313-\$2888/ semester; \$762-\$6095 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)	fafsa.ed.gov	\$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	fafsa.ed.gov	\$3000 Annually; \$10.00-\$11.50/ hour; Summer \$2000	Same as above – Demonstrating financial need	Available for both part- and full-time study
Federal Direct Loan	fafsa.ed.gov and Master Promissory Note (MPN) from Department of Education	1st year up to \$3500; 2nd year up to \$4500; Independent students up to an additional \$4000/ year	Subsidized Loan: Same as above – must also demonstrate “financial need;” Unsubsidized Loan: no income criteria	Minimum 6 credits/ semester
Federal Direct Parent Loan	fafsa.ed.gov	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 Excelsior Scholarship	hesc.ny.gov		For 2018-2019 federal adjusted gross income under \$110,000	
NYS Tuition Assistance Program (TAP)	hesc.ny.gov	Minimum: \$250/ annually Maximum: \$5165/ annually	Dependent Students and Independent Students with Dependents: NYS taxable income not to exceed \$80,000; Single Independent Students: NYS taxable income not to exceed \$10,000	Full-time study only (12+ degree credits/ semester)
NYS Aid for Part-Time Study Program (APTS)	fafsa.ed.gov and APTS application	Not to exceed total tuition, or up to \$1000/ semester	Single/Independent/no dependents: NYS taxable income not to exceed \$34,250; Dependent Student or Independent with Dependents: NYS taxable income not to exceed \$50,500	Part-time study only (3-11 credits/ semester)
NYS Part Time TAP application	fafsa.ed.gov	Award pro-rated	Dependent Students and Independent Students with Dependents: NYS taxable income not to exceed \$80,000; Single Independent Students: NYS taxable income not to exceed \$10,000	6-11 credits Must have been full-time in the two preceding terms

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.

When loan funds are disbursed if the student has other aid to cover their bill a refund check is sent directly to the student. 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. 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.

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.

**REQUIREMENTS FOR AID FOR PART-TIME STUDY (APTS)
Must be registered for three to 11 credits**

1. The APTS award cannot exceed the tuition charge for the semester, up to a \$1,000 maximum.
2. Eligibility for APTS is often contingent upon the timing of the submission of our official recipient list to HESC.
 - Before the list is sent:
 - If a student takes only one course and drops or withdraws, the award will be cancelled.
 - If a student takes two or more classes, and drops/withdraws from courses, the award cannot exceed the tuition cost for the remaining eligible credits.
 - Once the list is submitted to HESC, APTS awards will not be adjusted.
3. Subsequent semester eligibility requires passing grades in all coursework for which APTS was received.

Not Eligible	Eligible
Students enrolls for six credits, has a tuition charge of \$1,218 and an APTS award of \$1,000 for the term. Since the award is based on six credits of coursework, the student must pass six credits.	Student enrolls for nine credits, has a tuition charge of \$1,827 and APTS award of \$1,000 for the term. The student could pass only six credits and be eligible in the next term because they received APTS for only six of the nine credits.

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

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.

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.

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 in their program of study (6 credits).

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.nsls.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 4.45%. For more information regarding loan repayment and an estimate of your monthly repayment, please visit the Department of Education website at 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 4.45%. 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.

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 7%.

Entrance Counseling

Entrance Counseling is required before you can receive your first Direct Subsidized Loan or your Direct Unsubsidized Loan. 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.
- If you were awarded a loan you must sign your electronic Master Promissory Note (e-MPN) at 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 30th for the fall semester and December 10th 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 may be withheld for 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 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 wish to 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 / America Counts Program.

Part-Time Jobs on Campus

In addition to Federal Work-Study there are other part-time jobs on campus which are funded under the budgets of various academic departments. Student tutor jobs are also available on campus 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 Purple Briefcase 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 early as possible at www.fafsa.ed.gov.

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 48.

Additional Applications

Tuition Assistance Program (TAP)

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

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

After filing a FAFSA, 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.

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. 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

2018-2019 FEDERAL SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS (PELL GRANT, SEOG, FEDERAL WORK STUDY, DIRECT LOANS)

*Total Course Hours Attempted	Successful Accrued (Passed) Credits	Cumulative Grade Point Average	*Total Course Hours Attempted	Successful Accrued (Passed) Credit	Cumulative Grade Point Average
8 & 9	6	1.6	53 & 54	36	2.0
10	7	1.6	55	47	2.0
11 & 12	8	1.6	56 & 57	38	2.0
13	9	1.6	58	39	2.0
14 & 15	10	1.6	59 & 60	40	2.0
16	11	1.7	61	41	2.0
17 & 18	12	1.7	62 & 63	42	2.0
19	13	1.7	64	43	2.0
20 & 21	14	1.7	65 & 66	44	2.0
22	15	1.7	67	45	2.0
23 & 24	16	1.7	68 & 69	46	2.0
25	17	1.7	70	47	2.0
26 & 27	18	1.7	71 & 72	48	2.0
28	19	1.7	73	49	2.0
29 & 30	20	1.7	74 & 75	50	2.0
31	21	1.8	76	51	2.0
32 & 33	22	1.8	77 & 78	52	2.0
34	23	1.8	79	53	2.0
35 & 36	24	1.8	80 & 81	54	2.0
37	25	1.8	82	55	2.0
38 & 39	26	1.8	83 & 84	56	2.0
40	27	1.8	85	57	2.0
41 & 42	28	1.8	86 & 87	58	2.0
43	29	1.8	88	59	2.0
44 & 45	30	1.8	89 & 90	60	2.0
46	31	2.0	91	61	2.0
47 & 48	32	2.0	92 & 93	62	2.0
49	33	2.0	94	63	2.0
50 & 51	34	2.0	95	64	2.0
52	35	2.0	96+	<i>No longer eligible - maximum time limit</i>	

* All withdrawals, after the add/drop period, including "unofficial withdrawals" (no longer attending class), will be counted in the total credit hours attempted. Students falling below the above standards will be ineligible for federal financial aid programs unless a Financial Aid Satisfactory Academic Progress Appeal Form is submitted to and approved by the Financial Aid Office.

pursuing educational paths in science, technology, engineering and mathematics (STEM) fields. Refer to www.sunysuffolk.edu/stem for further information.

Suffolk Community College Foundation Scholarships

Suffolk County Community College offers more than 250 scholarships worth over \$625,000 each year. 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 fun-

draising activities of the Suffolk Community College Foundation. 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 department, campus and college-wide scholarship committees. To learn more about the application process and view important deadlines, visit www.sunysuffolk.edu/scholarships.

NEW YORK STATE FINANCIAL AID SATISFACTORY ACADEMIC PROGRESS REQUIREMENTS FOR TUITION ASSISTANCE PROGRAM (TAP) AND STATE SCHOLARSHIPS (NOT INCLUDING THE EXCELSIOR SCHOLARSHIP)

Below are the NYS TAP standards for all students for first receiving TAP in 2010 and beyond.

PAYMENTS OR SEMESTERS

Before Being Certified for This Payment	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth
Student Must Have Accrued (Earned) 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 in the Prior Semester (in which they received a state award)	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.

First semester TAP recipients must be enrolled in a minimum of three college level credits; in subsequent semesters students must carry at least six college-level credits to be eligible for TAP, in addition to meeting the requirements listed above.

Below are the NYS TAP standards for the following populations: Students who first received TAP in 2007 to 2009, remedial students taking or having already taken six (6) remedial credits, and EOP students.

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 College Level Credits	0	3	9	18	30	45	60	75
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 in the Prior Semester (in which they received a state award)	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.

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 www.sunysuffolk.edu/scholarships.

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 13 of Long Island's quality four-year colleges and universities. More information can be found at www.sunysuffolk.edu/scholarships.

New York State Presidential Scholarship

The New York State Presidential Scholarship Program (NYSPS) was created by Dr. Shaun L. McKay, President of Suffolk County Community College. It seeks to ensure that SCCC's brightest and most talented students consider the merits of continuing their education at a New York State-based College or University.

Scholarships for New Students

American Technical Ceramics/AVX Corp
Scholarship for Engineering Science,
Electrical Technology-Electronics, &
Manufacturing Technology Students -
New Student Scholarship

Azzam-Gomez Family "Aspira" Scholarship
David M. Sperling "DREAM" Scholarship
East Northport Lions Club
EMG Industrial Chimney American Dream
Scholarship
Empire State Diversity Honors Scholarship
Estee Lauder
Gilbert Fund Scholarship for Deaf or Hard of
Hearing
Greater NY Chapter of Air Conditioning
Contractors of America for HVAC
Students
HVAC-Oil Heat Institute Scholarship
Margaret Campo Scholarship
Mind Over Matter Scholarship
Paul J. Fitzpatrick '91 Memorial Scholarship
Peggy Stewart Memorial Scholarship
Phi Theta Kappa Honor Society Scholarship
Presidential Scholarship
Preston Family Memorial Scholarship
Raymond Rienecker Music Scholarship
Robert Fountaine Memorial Scholarship
Salvatore J. La Lima Scholarship
Scouting Scholarship
Sona Hoefman Art Foundation Scholarship
Suffolk Community College Foundation
Honors Program Scholarship
Sunrise Firefighters Scholarship
We are all Dreamers - Ammerman
Admissions Scholarship for New Students
Charles F Kelly '69 Memorial Scholarship
J. Robert Fisher Diversity Scholarship
J. Robert Fisher Honors Scholarship
Kolar Family Aspiring Health Professionals
Scholarship
Ellen Schuler Mauk Scholarship

Scholarships for Continuing Students

General Academic Merit

Alpha Beta Gamma Academic Excellence
Barnes & Noble Bookstore Scholarship
Cornell Cooperative Extension
Follett Higher Education Group Scholarship
Full Deck Scholarship
Getting There From Here
Giuseppe A. Nigro Lodge No. 2234 OSIA
Mother Cabrini Scholarship
Jay Schwartz Memorial Scholarship
John A Defina Memorial Scholarship
Robert T Kreiling Scholarship
Smithtown Stitchers Scholarship
Suffolk Community College Foundation
Scholarship
Tom Wendt Memorial Scholarship
Vincent O'Leary Scholarship
Zachary L D'Abreu Memorial Scholarship

Business

Amy Lau Alumni Scholarship
 Astor Business Scholarship
 Dominic Riemma Family Memorial Scholarship
 Ethel Malloy Memorial Scholarship
 Frank Pullara Memorial Scholarship
 H Jay Jude Bruhn Memorial Scholarship
 Helen E. Weinstein Memorial Scholarship
 Irma Drange-Dunnett Memorial Scholarship
 James A. Perry Scholarship
 Joseph Helfenstein Scholarship
 Mark Steinbuch Scholarship Memorial Scholarship
 Martin F. Decatur Scholarship
 Rosemarie V Dilks Memorial Scholarship
 Walter Hamilton Memorial Scholarship
 William Baffa Memorial Scholarship
 Yvonne K Boulia Scholarship

Communication and the Arts

Alan Bernstein Remote Television Scholarship
 Andrew Wittkamper Award for Costume Technology
 Astor Communications and the Arts Scholarship
 B & M Art Supply Scholarship
 Caroline Arvani '87 Memorial Scholarship
 Charles Wittreich '86 Design & Tech
 Collin Mason Award for Theatre Arts Management
 David Demsky Scholarship
 David Miller Spirit Award
 Eastern Long Island Quilters Guild Scholarship
 Eileen Kamil Communications
 Frank Livernoche Scholarship
 Gail Cohen Edelman Memorial Scholarship
 Harriet T M Novick Scholarship
 John Shivers '05, '07
 Johnson/Pevey Scholarship of Excellence in Classical Performance
 Kenny Rogers Music Scholarship
 Lawrence Foundation Scholarship
 Leonard Goldberg Memorial Scholarship
 Lou Grasso Memorial Scholarship
 Maurice N Flecker Scholarship
 Noriko Okada Scholarship for Courageous Pursuit of the Study of Art
 Ron Orlando Memorial Scholarship
 Shirley Cox Best All-Around Theatre Student Award
 Vanessa Todd Memorial Scholarship
 Wayne Nester Journalism Scholarship
 William Teason Memorial Scholarship for Art

Computing

Astor Computing Scholarship
 Barbara Burggraf Memorial Scholarship
 Cappuccio Peterson Memorial Scholarship
 Computer and Information Processing Society Scholarship
 Maitland Mascarenhas '81, '83 Scholarship
 Mimi Krinsky Memorial Scholarship
 Raymond Wood Memorial Scholarship

Culinary Arts

Michael Stryka Endowed Memorial Scholarship for Culinary Students
 Michael Stryka Memorial Scholarship for Culinary Students
 Michael Thorne Culinary Scholarship
 Michael Todd Memorial Scholarship
 Ryan Hautsch Culinary Scholarship

Health, Community and Human Services

Alice F. Kucmeroski RN Scholarship
 Astor Health, Community and Human Services Scholarship
 Audrey Gabriel Memorial Scholarship
 Betsy A Nemeth '05 Scholarship for Nursing
 Bias Crimes Awareness Scholarship
 Crosley Scholarship
 David A Tereshko '83 Memorial Scholarship
 Dr. Frances F Lafauci Practical Nursing Scholarship
 Foundation For Sight & Sound Scholarship
 Frederick H. Strybing '72 Memorial
 George Hanley '82 Memorial Scholarship
 Harold & Louise Perkal Memorial Scholarship
 Helen Naviloff Memorial Scholarship
 Janet North Hovnanian '65 School of Nursing Scholarship
 John Dodds Memorial Scholarship (AEMT)
 Lana T Caruso Scholarship
 Linda Murphy '06 Memorial Scholarship
 Marjorie P Doyle Scholarship
 Maureen Davidson Memorial Scholarship (Physical Therapist Assistant)
 Nursing: Passion, Pride and Promise Scholarship
 Patricia Reckenbeil Scholarship
 Sean M Coffey Scholarship

Liberal Arts

Beverly Broomell Memorial Scholarship
 Dr. Michael DeLuca Scholarship for Italian Studies
 Dr. Robert Frey '78 Family Foundation Scholarship
 Ellis Von Eschen Memorial Scholarship
 Harry Steeve Memorial Scholarship

Jane M Kringsman Memorial Scholarship
June D Hudis Memorial Scholarship
Louise B. Perkal Memorial Scholarship
Lynn Buck Women's Studies Scholarship
Morton D Strassberg Memorial Scholarship
Ron Lipp Memorial Scholarship
Tracey Stark Memorial Scholarship - Foreign Languages
Tracey Stark Memorial Scholarship - Humanities

Technical, Scientific and Engineering

Albert Stillwagon Memorial Scholarship
Betty Doroski Scholarship
Bridgestone/Firestone Scholarship
Dean Afshar STEM and Career Technical Education Scholarship
John Ganey Memorial Scholarship
Shwachman Diamond Project STEM Research Scholarship
The Mark Jekel-Long Island Street Rod Association Endowed Scholarship in Automotive Technology

Special Criteria

Adelante Of Suffolk County
African Peoples Association Scholarship
Albert M Ammerman Scholarship
Annette Rapkin Scholarship
Association of Latin American Students (ALAS)
Carmen E Ortiz EsI
D.I.S.C.
Daniel B Deponte Student of the Year Award
David Elkins '90 Memorial Scholarship
David J. Cohen '69 Memorial Scholarship
Dawnmarie A. Gerenstein Memorial Scholarship
Ellen Schuler Mauk Scholarship
EOP Scholarship
Frances Plourd Memorial AME (Association of Municipal Employees) Scholarship
Gerry Trerotola Memorial AME (Association of Municipal Employees) Scholarship
Gilbert Fund Scholarship for Deaf or Hard of Hearing
Glenda Rosenblum Memorial Scholarship

Human Resources Club Scholarship
Jack Schanfeld Scholarship
John Burgess '70 Scholarship for Physical Education
John Speirs Memorial Scholarship
John Vigiano Memorial for Firefighters and EMTs
Joseph Vigiano Memorial Scholarship for Police Officers or Combat Veterans
Laura Provenzano '65 Memorial Scholarship
Lifetime Learning Council at Peconic Landing Scholarship
Margaret and James O'Brien Memorial Scholarship
Mattace Family Scholarship
Mildred Green '70 Memorial Scholarship
National Coalition of 100 Black Women
Staff Sergeant Louis Bonacasa Memorial Scholarship
Suffolk Community College Foundation Breast Cancer Survivors and Caregivers Scholarship
Suffolk Community College Foundation Honors Program Scholarship
Suffolk Community College Foundation Military and Veterans Scholarship
The Dream Continues - Ammerman Admission Scholarship for Continuing Students
The Rosalie Sillitti Memorial Scholarship
Thurgood Marshall/Rosa Parks Leadership Scholarship
United Way of Long Island-YouthBuild Long Island - Pathways to Success

How to Apply/Get Additional Information

For more complete scholarship/award information and application procedures, contact the office listed below or visit the College's website at www.sunysuffolk.edu/scholarships. Apply through our online Scholarship system Academic Works by logging in using your SCCC login and password. Check Academic Works for the most updated scholarship funding.

Office of Enrollment Management
Suffolk County Community College
533 College Road
Selden, NY 11784-2899
631-451-4026



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 policies

- 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 Purple Briefcase, 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/current-students/career-services-and-cooperative-education.

- 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 webpage. 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, or Central Admissions Office.

- Assistance in evaluating educational options and identifying transfer institutions
- "Position Your Transition" visits to Long Island colleges
- Advice concerning the admissions process
- On-site transfer advising with specific colleges on certain days
- 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 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 extended test time, 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/disabilityservices.

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

AMMERMAN CAMPUS

Disability Services

Ammerman Building, Room 202

Phone: 631-451-4045

EASTERN CAMPUS

Student Success Center
Peconic Building, Room 212
Phone: 631-548-2527

MICHAEL J. GRANT CAMPUS

Counseling Center
Caumsett Hall, Lower Level 20
Phone: 631-851-6355

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 the College Office of Multicultural Affairs is to foster an atmosphere of pluralism and inclusion where diversity is respected and celebrated. To accomplish this, the Office of 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 provided programs, activities and events.

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, 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 5:30 p.m., Monday through Thursday and Fridays from 7:30 a.m. to 4:00 p.m. 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.

Child care grant funding is available for students. Applications are available in the Children's Learning Center.

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

DINING SERVICES

The College and Aramark Higher Education are partners in creating and providing students and visitors to the College with enhanced dining experiences by offering a mix of national and proprietary restaurant brands, providing knowledgeable chefs, fresh food, as well as healthy and vegan options. To provide these services, the College implements 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 on these campus dining locations and from campus vending machines. Purchase made through the meal plan are tax-free, creating significant dining value. Visit the Campus Dish website (www.sccc.campusdish.com) for more information. Aramark Dining Services also handles all catering requests for events taking place on the Ammerman and Michael J. Grant campuses. Dining services on the Eastern Campus are sponsored by the College's Association.

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

AMMERMAN CAMPUS

Babylon Student Center
Southampton Building
631-732-1838

EASTERN CAMPUS

Peconic Building
631-548-2534

MICHAEL J. GRANT CAMPUS

Captree Commons
631-273-4374
Health, Sports and Education Center
631-851-6400 ext. 7935

BOOKSTORES

Campus bookstores are operated by Follett Higher Education Group, which rents and 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
- cash
- financial aid at the start of each semester

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
sccc-shop.com

EASTERN CAMPUS

Peconic Building, Room 221
Phone: 631-548-2554
sccc-easternshop.com

MICHAEL J. GRANT CAMPUS

Captree Commons, Room 111
Phone: 631-851-6768
sccc-grantshop.com

SAYVILLE CENTER

Ammerman Campus Bookstore or
Online at *www.sunysuffolk.edu/current-students/bookstore.jsp*.

CULINARY ARTS CENTER

Eastern Campus Bookstore or
Online at *www.sunysuffolk.edu/current-students/bookstore.jsp*.



SHATTER THE SILENCE
STOP THE VIOLENCE
**TAKE BACK
THE
NIGHT**
2018

SHATTER THE SILENCE
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**TAKE BACK
THE
NIGHT**
Suftak County Community
Grant Camp
April 15, 2018

SHATTER THE SILENCE
STOP THE VIOLENCE
**TAKE BACK
THE
NIGHT**
2018

SHATTER THE SILENCE
STOP THE VIOLENCE
**TAKE BACK
THE
NIGHT**
Suftak County
Gr

Violence
Healing
Home? 631-466-6833

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). 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:

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

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, ENG012, ESL011, ESL012, ESL013, ESL014, ESL015, ESL016, ESL017, ESL018, MAT001 and MAT001L. The S grade indicates successful completion of the course, but is not used in grade point average computation.

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%

The SA/SB/SC grades indicate successful completion of the course, but 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. The W grade is not used in grade point average computations.

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, ENG012, ESL011, ESL012, ESL013, ESL014, ESL015, ESL016, ESL017, and ESL018. The U grade indicates the course was not successfully completed and is 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, ENG012, 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. The R grade is not used in grade point average computations.

AUD AUDIT

To audit a course, a student must notify the Campus Registrar while registering and paying 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 but 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 As-

sociate 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 Course Grade Grievance Procedure, which must be initiated within the first three weeks of the semester following 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 may convene a committee to hear the grievance and to provide written recommendations. Students who have questions about the Course Grade Grievance Procedure should consult with the appropriate departmental office or dean.

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

Academic Standing

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

Grade Point Averages

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

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

A cumulative grade point average is computed by dividing the total number of quality points received by the number of credit hours earned. For example, a student who has earned

30 credit hours and has received a total of 60 quality points has a cumulative grade point average of 2.0. The following factors must also be taken into consideration:

- When transfer credits are granted for courses completed at another college, no quality points or grades are awarded; hence, such credits do not affect the cumulative grade point average at SCCC.
- A college-level course may be repeated one time. All course grades are retained on the student's transcript. For repeated courses, only the highest grade will count toward the cumulative grade point average and credit hours received by the student. A withdrawal is not considered a course attempt for this policy, however, the "W" grade will remain on the transcript. Contact the campus Office of Financial Aid to determine if the repeated course is covered by financial aid.

Academic Review

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

Full-time students who do not remove themselves from probation in the next semester will lose their full-time status. 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. Absences due to religious observance will be deemed an excused absence with no negative consequences.

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 disciplinary hearing for violating the Student Code of Conduct as described in the student handbook.

Withdrawal

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

Official withdrawal from the College means that a student voluntarily separates himself or herself from the College by dropping all courses at any time during the academic term. Withdrawal forms can be found on the college website at 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 68-69.

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 Michael J. 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 Office 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 Michael J. 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 coursework.

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, Certificate 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 admission 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 page 96.
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 95-184.
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. 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 certificate must complete all curriculum requirements, in which at least half of the coursework is resident credit hours 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 98 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 medical concerns should contact the Physical Education Academic Chair on their campus to discuss courses that will be appropriate for them. 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 sunysuffolk.edu/legalaffairs/documents/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 sunysuffolk.edu/legalaffairs/documents/infotech-policystudents.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's 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.

The College has established policies for the acceptable use of computing resources, which can be found at www.sunysuffolk.edu.

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 himself/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 sumysuffolk.edu/legalaffairs/documents/f8-medical-suspension-policy.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.sumysuffolk.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 misconduct, 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 sunysuffolk.edu/legalaffairs/documents/sccc-sexual-violence-bill-of-rights-flyer.pdf.

The College’s Sexual Violence Policy and additional information related to Title IX is available online at sunysuffolk.edu/legalaffairs/services/titleixcomplaints.jsp.

Options for Reporting Sexual Violence

sunysuffolk.edu/legalaffairs/documents/options4confidentiallydisclosingsexualviolence2015.pdf

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 or dialing 311 from any college phone. 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. State wide resources are available at every SUNY campus at www.suny.edu/violence-response.

If you have an alleged claim of sexual harassment or sex discrimination/sexual violence by a student, complaints should be submitted to the Office of the Associate Dean of Student Services/Deputy Title IX Coordinator for the campus at which the alleged harassment occurred:

- Ammerman Campus or Sayville Center (631) 451-4790
- Michael J. Grant Campus (631) 851-6521
- Eastern Campus (631) 548-2515

If you have an alleged claim of sexual harassment or sex discrimination/sexual violence by a contractor, visitor or guest, faculty member, administrator or employee at any campus, complaints should be submitted to the Civil Rights Compliance Officers:

Christina Vargas, Title IX Coordinator,
(631) 451-4950

Dr. Dionne Walker-Belgrave, Deputy Title IX Coordinator, (631) 451-4051

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 sunysuffolk.edu/experience-student-life/public-safety/index.jsp.

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 [sunysuffolk.edu/legalaffairs/documents/f16studentdiscriminationpolicy.pdf](http://www.sunysuffolk.edu/legalaffairs/documents/f16studentdiscriminationpolicy.pdf).

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.

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. 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. For additional information, contact the Director of Public Safety at 631-451-4212 or 631-451-4242.

Cancellation of Classes

Cancellations will be posted at www.sunysuffolk.edu or by calling 631-696-4910. Additionally, please tune to local radio stations (WBLI, WBAB, WALK and WLNG) as well as News 12 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 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.

SUNY FELONY CONVICTIONS POLICY

State University of New York (SUNY) policy prohibits Suffolk County Community College admission applications from inquiring into an applicant's prior criminal history. After acceptance, the College shall inquire if the student previously has been convicted of a felony if such individual seeks participation in clinical or field experiences, internships or study abroad programs. The information required to be disclosed under SUNY policy regarding such felony convictions shall be reviewed by a standing College committee consistent with the legal standards articulated in the New York State Correction Law.

Students who have previously been convicted of a felony are advised that their prior criminal history may impede their ability to complete the requirements of certain academic programs and/or to meet licensure requirements for certain professions, including, but not limited to:

- Sitting for the National Physical Therapy Examination (NPTE) required for certification and employment as a physical therapist assistant in New York State;
- Becoming certified in New York as a physical therapist assistant;
- Sitting for the national certification examination for occupational therapy assistant administered by the National Board for Certification in Occupational Therapy (NBCOT);

- Attaining licensure in New York State as an occupational therapy assistant;
- Taking the licensing examination for licensure as a practical nurse or registered nurse;
- Obtaining New York State licensure as a practical nurse or registered nurse;
- Obtaining certification as a pharmacy technician from the national Pharmacy Technician Certification Board (PTCB);
- Obtaining certification from the American Board of Opticianry & National Contact Lens Examiners (ABO-NCLE); and
- Obtaining certification as an ophthalmic assistant technician or ophthalmic technician from the Joint Commission on Allied Health Personnel in Ophthalmology (JCAHPO).

Students who have concerns about such matters are advised to contact the department chair of their intended academic program. Applicants and students with criminal convictions who are interested in pursuing a program leading to professional licensure or certification are also encouraged to consult with the appropriate licensing/certification authority. Students with criminal convictions who are considering transfer to or subsequent enrollment in a program at another institution that will lead to professional licensure or certification are also encouraged to consult with the appropriate licensing/certification authority.

NON-DISCRIMINATION NOTICE

Suffolk County Community College does not discriminate on the basis of race, color, religion, creed, sex, age, marital status, gender identity or expression, sexual orientation, familial status, pregnancy, predisposing genetic characteristics, equal pay compensation-sex, national origin, military or veteran status, domestic violence victim status, criminal conviction or disability in its admissions, programs and activities, or employment. This applies to all employees, students, applicants or other members of the College community (including, but not limited to, vendors and visitors). Grievance procedures are available to interested persons by contacting either of the Civil Rights Compliance Officers/Coordinators listed below. Retaliation against a person who files a complaint, serves as a witness, or assists or participates in the investigation of a complaint in any manner is strictly prohibited.

The following persons have been designated to handle inquiries regarding the College's non-discrimination policies:

Civil Rights Compliance Officers

Christina Vargas

Chief Diversity Officer/Title IX Coordinator
Ammerman Campus, NFL Bldg., Suite 230
533 College Road, Selden, New York 11784-2899
vargasc@sunysuffolk.edu
(631) 451-4950

or **Dionne Walker-Belgrave**

Affirmative Action Officer/Deputy Title IX Coordinator
Ammerman Campus, NFL Bldg., Suite 230
533 College Road, Selden, New York 11784-2899
walkerd@sunysuffolk.edu
(631) 451-4051

In an emergency, contact Public Safety to make a report 24 hours a day/7 days a week by calling (631) 451-4242 or dialing 311 from any College phone.

Inquiries or complaints concerning alleged civil rights violations in the College's education admissions, programs and activities may also be directed to:

Office for Civil Rights (OCR) – Enforcement Office
U.S. Department of Education 32 Old Slip, 26th Floor
New York, NY 10005-2500
Telephone: (646) 428-3800
Fax: (646) 428-3843
TDD: (877) 521-2172 Email: OCR.NewYork@ed.gov
Also see: <https://wdcrobcolp01.ed.gov/CFAPPS/OCR/contactus.cfm>

Inquiries or complaints concerning discrimination in employment practices may also be directed to:

NYS Division of Human Rights Long Island (Suffolk)
New York State Office Building
250 Veterans Memorial Highway, Suite 2B-49 Hauppauge, NY 11788
Telephone: (631) 952-6434
TDD: (718) 741-8300
Email: InfoLongIsland@dhr.ny.gov
Also see: <https://dhr.ny.gov/complaint>

U.S. Equal Employment Opportunity Commission (EEOC) New York District Office
33 Whitehall Street, 5th Floor New York, NY 10004 Telephone: (800) 669-4000
Fax: (212) 336-3790
TTY: (800) 669-6820
ASL Video Phone: (844) 234-5122
Also see: <https://www.eeoc.gov/field/newyork/charge.cfm>

Suffolk County Community College is committed to fostering a diverse community of outstanding faculty, staff, and students, as well as ensuring equal opportunity and non-discrimination in employment, education, access to services, programs, and activities, including career and technical education opportunities.

A copy of the postsecondary career and technical education courses offered by the College is available and may be obtained on our website at: www.sunysuffolk.edu/explore-academics/college-catalog or by calling the Office of Admissions at 631-451-4000 to request a mailing.

For further information, please refer to the College website: www.sunysuffolk.edu/nondiscrimination.

PUBLIC NOTICES REGARDING STUDENT-RELATED POLICIES

MANDATORY STUDENT IMMUNIZATIONS: MEASLES, MUMPS AND RUBELLA/MENINGITIS

In accordance with New York State Public Health Law Section 2165, all students enrolled for at least six (6) semester hours, or the equivalent, at Suffolk County Community College, who were born on or after January 1, 1957, must provide acceptable written proof of immunity 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 Section 2167, all students enrolled for at least six (6) semester hours, or the equivalent, at Suffolk County Community College, 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.

Please refer to the College's Student Immunization Requirements policy (www.sunysuffolk.edu/legalaffairs/documents/jf6-student-immunization-requirements.pdf) for more detail.

PUBLIC NOTICES REGARDING STUDENT-RELATED POLICIES

NOTIFICATION OF STUDENT RIGHTS UNDER THE FAMILY EDUCATIONAL RIGHTS AND PRIVACY ACT

The Family Educational Rights and Privacy Act (FERPA) affords eligible students certain rights with respect to their education records. (An "eligible student" under FERPA is a student who is 18 years of age or older or who attends a postsecondary institution at any age.) These rights include:

1. The right to inspect and review the student's education records within 45 days after the day Suffolk County Community College receives a request for access. A student should submit to the Chief Campus Student Affairs Officer on their home campus (the Associate Dean of Student Services) a written request that identifies the record(s) the student wishes to inspect. A meeting will be scheduled within a reasonable period of time, at which time the records may be reviewed.
2. The right to request the amendment of the student's education records that the student believes is inaccurate, misleading, or otherwise in violation of the student's privacy rights under FERPA. A student who wishes to ask the College to amend a record should first bring this request to the Chief Campus Student Affairs Officer on their home campus (the Associate Dean of Student Services), who will discuss the matter with the student and attempt to arrive at a mutually acceptable resolution. If an agreement cannot be reached, the student will be notified of the decision and their right to a hearing. The student may then request a hearing to challenge the contents of the record. Additional information regarding the hearing procedures is outlined in the College's Student Records Policy and will be provided to the student when notified of the right to a hearing.
3. The right to provide written consent before the College discloses personally identifiable information (PII) from the student's education records, except to the extent FERPA authorizes disclosure without consent. The College discloses education records without a student's prior written consent under the FERPA exception for disclosure to school officials with legitimate educational interests. A school official is a person employed by the College in an administrative, supervisory, academic, research

or support staff position; a person retained as a contractor, consultant, volunteer, or other party to whom the College has outsourced services or functions authorized by, or under contract to the College, to perform a special task, such as an attorney or auditor; a person serving on the Board of Trustees; or a student serving in an official capacity, such as membership on a disciplinary or grievance committee. A school official has a legitimate educational interest in reviewing or assessing a student's education records if the school official is: performing a task that is specified in his/her position description or contract; performing a task directly related to a student's education; performing a task related to student discipline; providing a service or benefit relating to the student or student's family; and/or maintaining the safety and security of the campus. Upon request, the College also discloses education records without consent to officials of another institution in which a student seeks or intends to enroll.

4. The right to file a complaint with the U.S. Department of Education concerning alleged failures by the College to comply with the requirements of FERPA. The name and address of the office that administered FERPA is: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, DC 20202.

College policy explains in detail the procedures used by the College for compliance with FERPA. Copies of the College's Student Records Policy may be found in the following offices: Campus Registrar and Associate Dean of Student Services on the Ammerman, Eastern and Michael J. 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. The Student Records Policy is also posted on the College's website.

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

PUBLIC NOTICES REGARDING STUDENT-RELATED POLICIES

DIRECTORY INFORMATION NOTICE

The Family Educational Rights and Privacy Act (FERPA), a Federal law, requires that Suffolk County Community College, with certain exceptions, require your written consent prior to the disclosure of personally identifiable information from your education records. However, the College may disclose appropriately designated "Directory Information" without written consent if considered appropriate by College officials, unless you have advised the College to the contrary in accordance with College procedures.

The 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. The College specifically excludes lists or compilations of data on all students or categories of students from its designation of Directory Information under FERPA, even if such list or compilation of data consists only of information which, if related to an individual student, would otherwise constitute Directory Information. 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, the Campus Associate Dean of Student Services, or the Office of Legal Affairs.

- Name
- Address (permanent, local and email)
- Telephone number (permanent and local)
- Photograph
- Dates and status of enrollment
- Major field of study
- Honors, awards or special recognition
- Weight and height, if a member of an athletic team
- Prior schools attended and degrees awarded
- Participation in officially recognized sports and activities

Currently enrolled students may withhold disclosure of this information under FERPA. To withhold disclosure, a student must complete the "Request to Prevent Disclosure of Directory Information" form. This form must be submitted to the campus Registrar's Office, and will be in effect until the student revokes the request in writing. The College assumes that failure on the part of any student to specifically request the withholding of "Directory Information" indicates individual approval for disclosure.

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 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 ope.ed.gov/security/index.asp. For additional information, contact the College's Director of Public Safety at 631-451-4212.

PUBLIC NOTICES REGARDING STUDENT-RELATED POLICIES

RELIGIOUS OBSERVANCE POLICY AND PROCEDURES

Beginning in the fall of 2018, the College is implementing a secular calendar in order to treat all religious observances equitably and to minimize disruptions to class schedules. The College adopted a Religious Observance Policy and Procedures to complement the implementation of a secular calendar.

As provided for in New York State Education Law § 224-a, student absences from class necessitated by religious observance will be deemed an excused absence, with no academic consequences. Students must notify their professor in advance of their religious observance, via their College email accounts or otherwise in writing, of their intention to be absent from a particular class due to a religious observance; notification should occur at least one week prior to the religious observance. Observing students shall be granted reasonable arrangements and/or be permitted a reasonable amount of time to make up missed quizzes, tests, assignments, and activities covered in their absence.

Please refer to the College's Religious Observance Policy and Procedures, which are available on the College's Academic Calendar webpage, for additional information. Religious Observance FAQs are also available on the Academic Calendar webpage: www.sunysuffolk.edu/explore-academics/academic-calendar/index.jsp.

New York State Education Law § 224-A

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 his or her religious beliefs, to register 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 his or her religious beliefs, an equivalent opportunity to register for classes or 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 Friday after four o'clock post meridian or on Saturday, similar or makeup classes, examinations, study or 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 or 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 of 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 his or her availing himself or herself of the provisions of this section.
6. Any student, who is aggrieved by the alleged failure of any 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 his or her rights under this section.
- 6-a. It shall be the responsibility of the administrative officials of each institution of higher education to give written notice to students of their rights under this section, informing that each student who is absent from school, because of his or her religious beliefs, must be given an equivalent opportunity to register for classes or 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 such student such equivalent opportunity.
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. Such term shall not include any institution which is operated, supervised or controlled by a church or by a religious or denominational organization whose educational programs are principally designed for the purpose of training ministers or other religious functionaries or for the purpose of propagating religious doctrines. As used in this section, the term "religious belief" shall mean beliefs associated with any corporation organized and operated exclusively for religious purposes, which is not disqualified for tax exemption under section 501 of the United States Code.



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 \$500 to \$1,500. 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 1180. 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. 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 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, call 631-451-4430.

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 include BMW, Fiat Chrysler, General Motors, Honda, Subaru and Toyota also prepare students to adapt to this ever changing technology. Our ASE 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.

BMW STEP: Students who complete their A.A.S. at Suffolk and have an interest in gaining BMW factory training may apply to BMW STEP. The BMW Service Technician Education Program (STEP) is a specialty program that provides students with hands-on technical training and prepares them for an exciting career with BMW. The application process is open to graduates of post-secondary automotive schools who will further their knowledge working on the some of the most advanced and luxurious vehicles in the world. Whether a student wants to specialize in BMW vehicles, MINI, motorcycles, or body and paint, STEP provides an opportunity for everyone.

Fiat Chrysler MOPAR Career Automotive Program (CAP) Local: In MOPAR CAP LOCAL you will learn specific technologies used exclusively on Chrysler, Jeep®, Dodge, Ram and FIAT® products. MOPAR CAP LOCAL is an internship-based program that enables the student to go to college and begin working at a Chrysler, Jeep®, Dodge, Ram dealership.

Subaru University: Subaru-U is designed to create a unique partnership between Subaru of America, the retailer, and high performing post-secondary institutions such as Suffolk. By infusing Subaru's Web-Based Training (WBT) into the existing curriculum, students have the ability to take most of the entry-level training that is required of all Subaru technicians. Students can even opt to take a Subaru

Level 2 Instructor Led Training Test-out and advance their training even further. Students at participating Subaru-U partner schools can gain valuable knowledge of Subaru vehicle systems that can better prepare them for possible employment in any one of approximately 600 Subaru retailers nationwide.

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](https://www.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 local HVAC/R industry has 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 two-year associate in applied science degree and a one-year certificate.

Both Suffolk and HVAC/R partners 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 132-133 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. Collegiate Science and Technology Entry Program (CSTEP) students and NSF-STEM scholarship recipients are eligible to apply.

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

Selected participants will be associated with members of the national laboratory scientific and professional staff in an educational training program developed to give research experience in areas of chemistry, physics, engineering, biology, nuclear medicine, applied mathematics, high- and low-energy particle accelerators, and science writing.

Suffolk County Community College encourages students interested in computer science, mathematics and the sciences to contact the department administrators for more information about these excellent opportunities. CSTEP and 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's 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 (548-2500).

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, educational enrichment environment for students pursuing careers in science (biology, chemistry, physics, earth and space, geology, information technology), technology, engineering and mathematics fields.

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 at an average of \$3,600 each.

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

Target Population

NSF-STEM scholarships serve those stu-

dents in the target majors who:

- Are enrolled in a degree program in one of the following disciplines:
 - Biological sciences (except medicine and other clinical fields);
 - Physical sciences, including chemistry, physics, astronomy, geology, and material sciences;
 - Mathematical sciences;
 - Computer and information sciences;
 - Geosciences;
 - Engineering;
 - Technology areas associated with the preceding fields (for example, biotechnology, chemical technology, engineering technology, information technology, etc.).
- Are enrolled full-time for each semester of scholarship receipt.
- Demonstrate academic talent and potential (GPA of 2.7 or above).
- Demonstrate financial need, defined by U.S. Department of Education for need-based Federal financial aid (FAFSA).
- Are citizens of the United States, nationals, permanent residents, or refugees.

Services

- Tutoring and advising
- Field trips and seminars
- Job shadowing and internships
- Transition programs for graduates continuing their education at four-year institutions
- Monthly meetings
- Mentoring of STEM participants and
- Collaborations with Brookhaven National Laboratory and Stony Brook University for research mentoring and opportunities

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 financially 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 are included. This 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

... Illuminating the Pathway to College and Career, Giving Students a Jump Start on Their College Studies

The Beacon Program (formally The Excelsior Program)

Suffolk County Community College's Beacon Program provides high school juniors and seniors attending partnering high schools the opportunity to take college courses while

simultaneously working toward high school graduation. Qualified students enroll in Suffolk's college courses at their high school campus during regular school hours. With the assistance of their counselor, students may plan their future education by creating a "pathway" of high school courses offered through the Beacon Program, affording students the opportunity to jump start their college education and enhance their college admissions application. The program is designed to provide curricular opportunity and enhancement of the college experience, but not its replacement. Therefore, students may enroll in no more than 30 college credits earned through the Beacon Program.

An official Suffolk academic transcript is generated. Students may apply earned credits towards a Suffolk degree, or may transfer 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 with general acceptance within State University of New York (SUNY) institutions. Students enrolled in courses offered through Suffolk's Beacon Program will experience, firsthand, the rigors of college-level expectations.

While courses offered through the Beacon Program are equivalent to Suffolk's campus-based courses, with faculty certified to teach at the college level, these courses are offered at an affordable tuition, with no additional fees. 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.

To enroll in courses offered through the Beacon Program, students must be enrolled in approved courses at a partnering high school, meet eligibility requirements, and be approved by their high school administrator. Students interested in finding out more about enrollment in courses offered through Suffolk's Beacon Program should contact their high school administration, or visit the Beacon Program website at www.sunysuffolk.edu/explore-academics/college-for-hs-students/.

The Early College Program

The Early College Program (ECP) provides an opportunity for talented and highly motivated high school juniors and seniors attending partnering school districts to earn college credit while experiencing on-campus college life.

Students enroll in college classes and interact with college faculty, staff and other students, while simultaneously earning college credits and continuing to complete their high school diploma. The program is rigorous, yet supportive, a perfect combination for individuals driven to achieve academic success, and who desire to engage in studies that expand upon high school offerings.

High school students in the Early College Program take courses on Suffolk's campuses, enabling them to take advantage of Suffolk's resources, including the college library, computer labs, tutoring centers, and support services. Advisement and program coordination are provided by campus ECP counselors, ensuring that students receive sufficient guidance and personal attention. Classes are scheduled in the early morning, late afternoon, or early evening. Suffolk works closely with each partnering district to achieve a program that is effective and efficient for participating students.

To qualify for Suffolk's Early College Program, students must be a high school junior or senior enrolled in a partnering school district, have an earned, documented 85+ high school average, similar scholarship on at least one Regents examination, letters of recommendation from their principal and their guidance counselor, and a record of good attendance and citizenship. To apply, academically eligible high school sophomores or juniors from participating school districts are recommended by their high school guidance counselor, and complete an application form during the spring semester for fall enrollment. Parents and students are invited to an informational session to discuss the program and the qualification and enrollment process. For additional information, and which school districts participate, contact your high school guidance office or visit the Early College Program website at www.sunysuffolk.edu/earlycollege.

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 of-

**SALLY ANN SLACKE
CORPORATE TRAINING CENTER**
Michael J. Grant Campus
Crooked Hill Road
Brentwood, NY

**CORPORATE TRAINING CENTER
ADMINISTRATIVE OFFICES**
(area code is 631)

Senior Associate Vice President Workforce Development, Community Partnerships, and STEM/CTE	851-6337
Associate Vice President for Economic Development	851-6225
Associate Dean of STEM/CTE	851-6338
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.

ferings 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 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 coursework. 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 Test Assessment Secondary Completion (TASC) Readiness Program, formerly known as 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, Health IT, Pharmacy and Ophthalmic Technician programs.

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 66 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

For a complete list of Majors and Programs offered at SCCC, please see pages 27-29 or go to the SCCC website at www.sunysuffolk.edu.

TYPES OF DEGREES

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

Associate in Arts (A.A.) Degree

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

Associate in Science (A.S.) Degree

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

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

This is an occupationally-based degree for which the primary objective is preparation for job entry immediately upon completion of the degree program (i.e., occupational therapy assistant, paralegal, 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 191 or course descriptions to determine which Suffolk County Community College courses fulfill the SUNY General Education Requirements

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. degree programs must satisfy the following minimum requirements:

ENG101: Standard Freshman	
Composition	3 credits
ENG102: Introduction to	
Literature	3 credits
Humanities Electives (only one	
course may be English)	9 credits
Social Science Electives	6 credits
History Elective	3 credits
Mathematics Elective	3-4 credits
Laboratory Science Elective	4 credits
Physical Education Electives	2 credits
College Seminar	1 credit
	34-35 credits

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

ENG101: Standard Freshman	
Composition	3 credits
English Elective	3 credits
Humanities Elective (other	
than English)	3 credits

History Elective	3 credits
Social Science Elective (other	
than History)	3 credits
Mathematics Elective	3-4 credits
Laboratory Science Elective	4 credits
Physical Education Elective	1-2 credits
College Seminar	1 credit
	24-26 credits

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

ENG101: Standard Freshman	
Composition	3 credits
English Elective	3 credits
Humanities Elective (other	
than English)	3 credits
Social Science Elective	3 credits
Mathematics Elective	3-4 credits
Laboratory Science Elective	4 credits
Physical Education Elective	1-2 credits
College Seminar	1 credit
	21-23 credits

* Currently, some programs exist with exceptions to one or more of these requirements.

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/ to determine the courses that should be completed before transferring to the SUNY four-year institution.

ONLINE EDUCATION 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.

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 91.

The Majors and Program chart on pages 27-29 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 matriculated 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 to four 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 coursework in their own programs. Students not admitted into a degree program at Suffolk County Community College are considered non-matriculated and can only register for 1-11.5 credits. Visiting students need to refer to this website for enrollment information: 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 major in the suggested time because of family obligations, work hours or other responsibilities. The College 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
ENG012:	Emerging Writers Workshop

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;
 - CSE110: Computer Science College Seminar;
 - CYB101: College Seminar for Cybersecurity;
 - CUL101: Hospitality College Seminar (for Culinary Arts & Hotel and Resort Management curricula);
 - GRD105: Digital Design College Seminar (for Graphic Design and Digital Media and Animation curricula);
 - INT115: Interior Design Careers Seminar;
 - LIB101: Introduction to College Research;
 - LIB103: Library Research Methods;
 - MUS115: College Seminar for Music Majors;
 - 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 complete all curriculum requirements for a certificate while attaining a minimum cumulative grade point average of 2.0, both cumulatively and 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: 17-18 credits

- ♦ ACC102: Financial Accounting II 4
- ♦ ACC137: Computer Accounting Principles . . 4
- ♦ BUS101: Introduction to Business 3
- English Elective 3
- * Mathematics Elective 3-4

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: 13 credits

- ♦ ACC116: Practical Accounting 3
- Humanities Elective 3
- ♦ LAW212: Business Law II 3
- Laboratory Science Elective 4

MINIMUM CREDITS REQUIRED: 60

- * Recommended: MAT103 or MAT121.
- ♦ These courses constitute the major courses in this curriculum.

NOTE: See page 30 for information about transfer agreements.

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 need to have completed MAT111 or equivalent. Applications are processed on a rolling basis for fall and spring semesters.

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
- ** English Elective 3
- * Mathematics Elective 3-4

THIRD SEMESTER: 17 credits

- ◆ ACC201: Intermediate Accounting I 4
- *** History Elective 3
- SUNY-GER The Arts 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

MINIMUM CREDITS REQUIRED: 64

- * Mathematics courses must be chosen from MAT103 and higher, with the exception of MAT111. Recommended: MAT121 and MAT131.
- ** Recommended: ENG102, ENG119, or ENG121.
- *** To be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS110, HIS118, HIS119, HIS120, HIS201, or HIS225.
- ◆ 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

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

MINIMUM CREDITS REQUIRED: 34

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

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

Ammerman / ASL-SD-AAS

HEGIS Code - 5599, CIP Code - 16.1603

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: 16-17 credits

- ♦ ASL210: Comparative Linguistics: ASL and English 3
- ♦ ASL220: American Sign Language IV 4
- HSC101: Health Concepts or Health Elective 3
- Mathematics Elective 3-4
- Unrestricted Elective 3

MINIMUM CREDITS REQUIRED: 61

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

AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR / CERTIFICATE

Ammerman / AMLR-CERT

HEGIS Code - 5306, CIP Code - 47.0604

The Automotive Maintenance and Light Repair (MLR) Certificate is a one-year program that prepares students as entry level automotive technicians for positions in independent repair shops, dealerships and franchise automotive facilities. This program covers the entry level tasks and knowledge required to succeed in the workplace. Students who successfully complete the Automotive and Light Repair certificate program will be able to apply the credits to Suffolk County Community College's Automotive Service Specialist, A.A.S. degree program. Students interested in applying to the A.A.S. degree program should strongly consider taking academic coursework in addition to the MLR required courses.

All students applying to the Automotive Maintenance and Light Repair certificate program will be required to attend a mandatory program information session. Students in the Automotive Maintenance and Light Repair program will be required to have a valid driver's license; violations resulting in points on a driver's license abstract may impact a student's ability to complete program cooperative course requirements.

FIRST SEMESTER: 13.5 credits	<i>Credits</i>
♦ AUT105: Automotive Portfolio I	0.5
♦ AUT111: Automotive Maintenance and Light Repair	3
♦ AUT112: Integrated Automotive Systems . . .	3
♦ AUT113: Automotive Electricity and Electronics I	3
♦ AUT117: Automotive Braking Systems	3
COL101: College Seminar	1

SECOND SEMESTER: 12.5 credits	
♦ AUT118: Computer Systems and Fuel Delivery	3
♦ AUT123: Automotive Steering and Suspension Systems	3
♦ AUT124: Automotive Electricity and Electronics II	3
♦ AUT125: Automotive Portfolio II	0.5
* Restricted Automotive or Business Elective . .	3

MINIMUM CREDITS REQUIRED: 26

- * To be selected from AUT236, AUT246, ACC101 or appropriate Business elective.
- ♦ These courses constitute the major courses in this curriculum.

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

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

All students applying to the Automotive Service Specialist A.A.S. program will be required to attend a mandatory program information session and must take the Computerized Placement Test (CPT) unless approved for a waiver. This full-time program starts each year in the fall only and admission is competitive. Entering students must have completed Integrated Algebra or equivalent in high school; continuing students must have completed MAT007 or its equivalent. Students in the Automotive Service Specialist program will be required to have a valid driver's license; violations resulting in points on a driver's license abstract may impact a student's ability to complete program cooperative course requirements.

FIRST SEMESTER: 14.5 credits *Credits*

- ♦ AUT105: Automotive Portfolio I 0.5
- ♦ AUT112: Integrated Automotive Systems . . . 3
- ♦ AUT113: Automotive Electricity and Electronics I 3
- ♦ AUT117: Automotive Braking Systems 3
- COL101: College Seminar 1
- MAT111: Algebra II or higher 4

SECOND SEMESTER: 16.5 credits

- ♦ AUT118: Computer Systems and Fuel Delivery 3
- ♦ AUT123: Automotive Steering and Suspension Systems 3
- ♦ AUT124: Automotive Electricity and Electronics II 3
- ♦ AUT125: Automotive Portfolio II 0.5
- ENG101: Standard Freshman Composition . . 3
- Laboratory Science Elective 4

SUMMER SESSION: 2 credits

- ♦ AUT150: Automotive Cooperative 2

THIRD SEMESTER: 15.5 credits

- ♦ AUT205: Automotive Portfolio III 0.5
- ♦ AUT226: Fuel Injection and Emission Systems 3
- ♦ AUT234: Engine Theory and Overhaul 3
- ♦ AUT236: Automotive Service Productivity and Efficiency 3
- English Elective 3
- Social Sciences Elective 3

FOURTH SEMESTER: 15.5 credits

- ♦ AUT222: Automotive Heating and Air Conditioning 3
- ♦ AUT225: Automotive Portfolio IV 0.5
- ♦ AUT241: Manual Transmissions and Drivetrain Systems 3
- ♦ AUT243: Automatic Transmission and Transaxle Systems 3
- * Restricted Automotive or Business Elective . 3
- Humanities Elective 3

MINIMUM CREDITS REQUIRED: 64

- * To be selected from AUT111, ACC101, or appropriate Business elective.
- ♦ These courses constitute the major courses in this curriculum.

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

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

Ammerman / TOYT-AAS

HEGIS Code - 5306, CIP Code - 47.0604

The Toyota T-TEN Automotive Service program is a two-year associate degree 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.

Admission Procedures and Requirements

All students applying to the Toyota T-TEN Automotive Service A.A.S. program will be required to attend a mandatory program information session and must take the Computerized Placement Test (CPT) unless approved for a waiver. This full-time program starts each year in the fall only and admission is competitive. Entering students must have completed Integrated Algebra or equivalent in high school; continuing students must have completed MAT007 or its equivalent. Students in the Toyota T-TEN Automotive Service program will be required to have a valid driver's license; violations resulting in points on a driver's license abstract may impact a student's ability to complete program cooperative course requirements.

FIRST SEMESTER: 14.5 credits	<i>Credits</i>
COL101: College Seminar	1
ENG101: Standard Freshman Composition	3
♦ TYT110: Introduction to Automotive Technology	3
♦ TYT120: T-Port/Practicum I	0.5
♦ TYT161: Automotive Electricity and Electronics I	3
♦ TYT162: Automotive Electricity and Electronics II	3
Physical Education	1
SECOND SEMESTER: 15.5-16.5 credits	
English Elective	3
Mathematics Elective	3-4
♦ TYT141: Automotive Suspension and Steering	3
♦ TYT151: Automotive Brakes	3
♦ TYT171: Automotive Heating and Air Conditioning	3
♦ TYT230: T-Port/Practicum II	0.5
SUMMER SESSION: 2 credits	
♦ TYT150: Toyota Cooperative	2

THIRD SEMESTER: 15.5 credits	
Humanities Elective	3
Social Sciences Elective	3
♦ TYT240: T-Port/Practicum III	0.5
♦ TYT211: Automotive Engine Repair	3
♦ TYT281: Engine Performance I	3
♦ TYT282: Engine Performance II	3
FOURTH SEMESTER: 14.5 credits	
Laboratory Science Elective	4
Social Sciences Elective	3
♦ TYT221: Automatic Transmission and Transaxle	3
♦ TYT231: Manual Transmission and Drivetrain	3
♦ TYT250: T-Port/Practicum IV	0.5
Physical Education	1

MINIMUM CREDITS REQUIRED: 62

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

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

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: 16-17 credits

- ◆ ACC115: Managerial Accounting or ACC102: Financial Accounting II . . . 3-4
- ◆ BUS109: Supervision: Concepts and Practices or BUS201: Management Principles and Practices 3
- ◆ BUS112: Computing for Business or CST101: Introduction to Computing . . . 4
- ** English Elective 3
- ◆ MKT101: Marketing 3

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: 16-17 credits

- ◆ BUS150: Cooperative Education in Business or BUS209: Issues in Contemporary Business 3
- ***◆ Business Electives (2 courses) 6
- † Mathematics Elective 3-4
- Laboratory Science Elective 4

MINIMUM CREDITS REQUIRED: 64

- * To be selected from COM101, COM102, COM105, COM107, or COM131.
- ** Recommended: ENG102, ENG119, or ENG121.
- *** To be selected from BUS102, BUS107, BUS109, BUS123, BUS127, BUS129, BUS141, BUS150, BUS201, LAW212, LAW251, MKT107, MKT213, MKT216, MKT220, MKT230, or RET111.
- † To be selected from MAT104, MAT111, or higher. MAT121 recommended. Please see an advisor or academic chair before selecting course.
- ◆ These courses constitute the major courses in this curriculum.

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. degree in Business Administration, which allows a greater range of courses in applied business areas.

Admission Procedures and Requirements

Admission to the A.S. degree 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	<i>Credits</i>
♦ 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: 15-17 credits	
♦ ACC115: Managerial Accounting or ACC102: Financial Accounting II	3-4
*♦ Business Elective	3
ECO112: Microeconomics: Prices and Markets	3
ENG102: Introduction to Literature	3
** MAT103: Statistics I or MAT124: Fundamentals of Precalculus I or higher	3-4

THIRD SEMESTER: 16 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
SUNY-GER Foreign Language or The Arts . .	3

FOURTH SEMESTER: 15-16 credits	
**♦ Mathematics or Business Elective (MAT131 recommended)	3-4
♦ BUS208: Case Studies in Business Administration.	1
History Elective (HIS101, HIS102, HIS103 or HIS104)	3
SUNY-GER Humanities	3
Laboratory Science Elective	4
Physical Education.	1

MINIMUM CREDITS REQUIRED: 62

* To be selected from BUS101, BUS102, BUS107, BUS109, BUS117, BUS123, BUS127, BUS129, BUS141, BUS150, LAW212, LAW251, MKT107, MKT213, MKT216, MKT220, MKT230, ACC116, ACC212, ACC214, or ACC218.

** 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.

♦ 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

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 *Credits*

- ♦ 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

MINIMUM CREDITS REQUIRED: 31

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

BUSINESS: MARKETING / A.A.S. DEGREE

Grant / BUMK-AAS HEGIS Code - 5004, CIP Code - 52.1899

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: 17 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
- Laboratory Science Elective 4

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 3

MINIMUM CREDITS REQUIRED: 61

- * 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.

BUSINESS: RETAIL MARKETING AND MANAGEMENT / A.A.S. DEGREE

Ammerman / BURM-AAS

HEGIS Code - 5004, CIP Code - 52.1803

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: 14 credits

Credits

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

- ♦ LAW111: Business Law I 3
- ♦ MKT101: Marketing 3
- Physical Education 1
- ♦ RET201: Retail Operations and Management 3
- Science or Mathematics Elective 3-4
- Social Sciences Elective 3

FOURTH SEMESTER: 15-16 credits

- ♦ BUS123: Entrepreneurship 3
- Economics Elective 3
- ♦ MKT213: Advertising 3
- ♦ BUS109: Supervision: Concepts and Practices or BUS201: Management Principles and Practices 3
- Science or Mathematics Elective 3-4

MINIMUM CREDITS REQUIRED: 61

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

BUSINESS: RETAIL MARKETING AND MANAGEMENT / CERTIFICATE

Ammerman / BURM-CERT

HEGIS Code - 5004, CIP Code - 52.1803

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
- ♦ BUS123: Entrepreneurship 3
- ENG101: Standard Freshman Composition . . 3
- ♦ MKT101: Marketing 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

MINIMUM CREDITS REQUIRED: 32

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

CHEMICAL DEPENDENCY COUNSELING / A.A.S. DEGREE

Grant / CHDPD-AAS (Day), CHDPE-AAS (Evening)
 HEGIS Code - 5506, CIP Code - 51.1501

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 (CASAC).

Students who have either an associate, bachelor's or master's degree from an accredited college may **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.

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 use of alcohol and mood-altering drugs would likely affect the quality of professional services offered to clients with substance use disorder. It is recommended that prospective students who are in recovery from a substance use disorder should have at least two years of sobriety 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 encouraged to meet the program coordinator or designee regarding course advisement and OASAS requirements. According to the NYS OASAS, as of June 30, 2013, CASAC – Trainee applicants are required to have a fingerprinting and background check completed by the NYS Justice Center.

Students are admitted fall and spring on a rolling basis.

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 (ENG201 recommended) . . . 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
- Biology or Chemistry 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

MINIMUM 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.

* CDC111 is a prerequisite of all CDC courses. CDC111 is open to all students and can be taken as an unrestricted elective.

- ** COM101, COM102, COM105 or COM202 are highly recommended.
- ♦ These courses constitute the major courses in this curriculum.

NOTES: (1) See page 30 for information about transfer agreements. (2) While students will not be prohibited from pursuing the program, students who have

previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

COMMUNICATION STUDIES / A.A. DEGREE

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

This A.A. degree 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 Sequence 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 Sequence. 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 Precalculus 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

MINIMUM CREDITS REQUIRED: 61

- * 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, or ASL101 and ASL105.
- ** 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 electives include the following: ANT101, ANT105, ANT203, 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 95 for selecting courses. 2) See page 30 for information about transfer agreements.

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

Ammerman / COMA-AA

HEGIS Code - 5008, CIP Code - 09.0401

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 a student news publication.

The program contains a selection of liberal arts courses – social science, humanities, mathematics 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, and websites.

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

MINIMUM CREDITS REQUIRED: 64

- * 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, 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

COMPUTER SCIENCE / A.S. DEGREE

Ammerman / COSC-AS

HEGIS Code - 5101, CIP Code - 11.0101

This curriculum builds a 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.

Admission Procedures and Requirements

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 strongly advised to take the mathematics prerequisites during the summer, if necessary, to accelerate the process of entering the program. Students are admitted on a rolling basis, fall and spring.

Students planning on transferring to Stony Brook University for Computer Science are encouraged to apply for joint admission prior to the completion of 24 college credits. Contact the Admissions Office for an application.

Transfer students: The programming languages taught in computer science courses may vary among four-year colleges. Similarly, topics covered in each course may vary as well. As a result, courses are guaranteed seamless transfer to SUNY schools only if the entire programming sequence is completed at the same institution. At our college, the sequence comprises of CSE118, CSE148, CSE218, CSE222, and CSE248. In addition, students should consult their intended transfer campus to learn what programming languages and competencies are expected for upper-level coursework.

FIRST SEMESTER: 15 credits

Credits

- ♦ CSE110: Computer Science College Seminar . . . 1
- ♦ CSE118: Fundamentals of Programming 3
- ENG101: Standard Freshman Composition . . . 3
- MAT141: Calculus with Analytic
Geometry I 4
- * Laboratory Science Elective 4

SECOND SEMESTER: 16 credits

- ♦ CSE148: Object-Oriented Programming 4
- ENG102: Introduction to Literature 3
- * Laboratory Science Elective 4
- MAT142: Calculus with
Analytic Geometry II 4
- Physical Education 1

THIRD SEMESTER: 17 credits

- ♦ CSE218: Data Structures and Algorithms . . . 3
- ** History Elective 3
- ** Humanities Elective 3
- * Laboratory Science Elective 4
- MAT205: Discrete Mathematics 4

FOURTH SEMESTER: 16 credits

- ♦ CSE222: Computer Architecture
and Organization 3
- ♦ CSE248: Advanced Object-Oriented
Programming 3
- MAT210: Applied Linear Algebra 3
- SUNY-GER Foreign Language or The Arts . . . 3
- *** Social Sciences Elective 3
- Physical Education 1

MINIMUM CREDITS REQUIRED: 64

- * Students planning to transfer to an ABET accredited Computer Science program, such as at Stony Brook University, Binghamton University, and University at Buffalo are strongly recommended to complete one of the following sequences: BIO150 and BIO151; CHE133 and CHE134; or PHY130/132, PHY230/232, and PHY245/246. Students who take the BIO or CHE sequence are required to take a third laboratory science course.
- ** To be selected from HIS101, HIS102, HIS103, HIS104, HIS118, HIS119, or HIS120.
- *** 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 Other World Civilization. The American history

continued on next page

For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

requirement can be met by HIS103, HIS104, or POL105; the Other World Civilizations requirement can be met by ANT101, ANT105, ANT203, ANT211, GEO101, GEO102, GEO103, HIS107, 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

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

Ammerman / CTAT-AAS

HEGIS Code - 5304, CIP Code - 15.0101

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

	<i>Credits</i>
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 or higher	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

MINIMUM 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.

CRIMINAL JUSTICE / A.S. DEGREE

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

The Criminal Justice A.S. degree is designed to provide students with a challenging course of study that is consistent with the academic expectations of four-year colleges and universities and with the rigorous requirements of today's job market in the field of law enforcement. At the same time, it has sufficient flexibility to allow students to tailor the curriculum to fit their needs and to achieve their career objectives.

Admission Procedures and Requirements

Entering students must have a minimum high school average of 75. Students already enrolled in college must have completed 12 credits with a 2.5 GPA, including a minimum grade of C+ in ENG101 and CRJ101. Students are admitted on a rolling basis with most students meeting minimum standards being accepted.

FIRST SEMESTER: 16-17 credits	<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
SECOND SEMESTER: 17 credits	
♦ 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
THIRD SEMESTER: 16 credits	
COM102: Interpersonal Communication	3
♦ CRJ109: Introduction to Corrections	3
♦ Criminal Justice Elective	3
Humanities Elective	3
Physical Education	1
SOC101: Introduction to Sociology	3

FOURTH SEMESTER: 13 credits	
♦ 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
** Other World Civilizations Elective	3

MINIMUM CREDITS REQUIRED: 62

- * MAT103 strongly recommended for transfer.
- ** Other World Civilizations electives include ANT101, ANT103, 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

CULINARY ARTS / A.A.S. DEGREE

Eastern / CUBP-AAS, CURM-AAS

HEGIS Code - 5404, CIP Code - 12.0503

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: 16-17 credits

- COM101: Introduction to Human Communication 3
- ♦ CUL101: Hospitality College Seminar 1
- ♦ CUL105: Culinary Fundamentals and Sanitation 3
- ♦ CUL116: Dining Room Management 3
- ENG101: Standard Freshman Composition . . 3
- Mathematics Elective. 3-4

SECOND SEMESTER: 18 credits

- ♦ CUL112: Hospitality Cost Controls 3
- ♦ CUL115: Baking and Pastry Arts I 4
- ♦ CUL132: Hospitality Supervision 3
- ♦ CUL241: Baking and Pastry Arts Internship/ Cooperative Education 4
- English Elective 3
- Physical Education. 1

THIRD SEMESTER: 16 credits

- ♦ CUL113: Wine and Beverage Management . . 3
- ♦ CUL120: Hospitality Marketing. 3
- ♦ CUL217: Baking and Pastry Arts II 3
- ♦ CUL218: Baking and Pastry Arts III 4
- Social Sciences Elective 3

FOURTH SEMESTER: 14 credits

- ♦ CUL219: Advanced Pastry Arts IV 4
- ♦ CUL250: Culinary Capstone Course 2
- Laboratory Science Elective 4
- Physical Education. 1
- Social Sciences Elective 3

MINIMUM CREDITS REQUIRED: 64

Restaurant Management Option

FIRST SEMESTER: 16-17 credits

- COM101: Introduction to Human Communication 3
- ♦ CUL101: Hospitality College Seminar 1
- ♦ CUL105: Culinary Fundamentals and Sanitation 3
- ♦ CUL116: Dining Room Management 3
- ENG101: Standard Freshman Composition . . 3
- Mathematics Elective. 3-4

SECOND SEMESTER: 15 credits

- ♦ CUL112: Hospitality Cost Controls 3
- ♦ CUL114: Culinary Arts I 4
- ♦ CUL115: Baking and Pastry Arts I 4
- ♦ CUL132: Hospitality Supervision 3
- Physical Education. 1

THIRD SEMESTER: 17 credits

- ♦ CUL113: Wine and Beverage Management . . 3
- ♦ CUL120: Hospitality Marketing. 3
- ♦ CUL215: Culture and Cuisine 4
- ♦ CUL240: Culinary Arts Internship/ Cooperative Education 4
- English Elective 3

FOURTH SEMESTER: 16 credits

- ♦ CUL228: Garde Manger 3
- ♦ CUL250: Culinary Capstone Course 2
- Laboratory Science Elective 4
- Physical Education. 1
- Social Sciences Elective 3
- Social Sciences Elective 3

MINIMUM CREDITS REQUIRED: 64

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

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

BAKING AND PASTRY ARTS / CERTIFICATE

Eastern / CUBP-CERT

HEGIS Code - 5404, CIP Code - 12.0501

The Baking and Pastry Arts certificate 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

- ♦ CUL105: Culinary Fundamentals and Sanitation 3
- ♦ CUL115: Baking and Pastry Arts I 4
- ♦ CUL132: Hospitality Supervision 3
- ♦ CUL217: Baking and Pastry Arts II 3

SECOND SEMESTER: 15 credits

- ♦ CUL112: Hospitality Cost Controls 3
- ♦ CUL218: Baking and Pastry Arts III 4
- ♦ CUL219: Advanced Pastry Arts IV 4
- ♦ CUL241: Baking and Pastry Arts Internship/Cooperative Education 4

MINIMUM CREDITS REQUIRED: 28

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

CULINARY ARTS: RESTAURANT MANAGEMENT / CERTIFICATE

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Eastern / CURM-CERT

HEGIS Code - 5404, CIP Code - 12.0504

The Culinary Arts/Restaurant Management certificate 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

- ♦ CUL105: Culinary Fundamentals and 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
- ♦ CUL215: Culture and Cuisine 4
- ♦ CUL228: Garde Manger 3

MINIMUM CREDITS REQUIRED: 30

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

Curricula

CYBERSECURITY AND INFORMATION ASSURANCE / A.A.S. DEGREE

Ammerman / CYBS-AAS

HEGIS Code - 5199, CIP Code - 11.1003

The Cybersecurity and Information Assurance Associate in Applied Science (A.A.S.) degree program will prepare students for an entry-level career in the cybersecurity industry. It will also provide opportunities for those employed in the information technology field to enhance their knowledge and credentials and advance in their careers. The program emphasizes network and computer systems security and information assurance concepts augmented by current cybersecurity industry standards and techniques. Major topics covered in the proposed program include threats and vulnerabilities, prevention at the technical (hardware and software) and human levels, detection, responses and management aspects of information security. Entry-level position responsibilities in cybersecurity include, but are not limited to: maintaining computer network infrastructure and security; designing, administering and/or securing enterprise information/networks; securing computer assets connected to the internet; installing, configuring and securing IP telephony systems; configuring and securing remote access networks; providing technical support and configuring and repairing endpoint devices.

Degree candidates study core information technology competencies including small-to-enterprise business networking, multi-OS server and client network administration and computer hardware and operating systems. In addition to these core competencies, students have team projects and capstone activities that develop a foundation in network security with emphasis in health care network security, information assurance, and/or enterprise network design security.

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FIRST SEMESTER: 16 credits

Credits

- ♦ CYB101: College Seminar for Cybersecurity 1
- ♦ CYB111: CCNA Introduction to Networks 3
- ♦ CYB112: Script Programming. 3
- ♦ CYB115: Client Operating Systems 4
- MAT111: Algebra II or higher 4
- Physical Education. 1

SECOND SEMESTER: 16 credits

- ♦ CYB121: CCNA Routing and Switching Essentials 3
- ♦ CYB125: Cybersecurity Fundamentals 3
- ♦ CYB126: Intranetworking and Infrastructure 3
- ENG101: Standard Freshman Composition 3
- Social Sciences Elective 3
- Physical Education. 1

THIRD SEMESTER: 16 credits

- COM101: Introduction to Human Communications 3
- ♦ CYB231: CCNA Scaling Networks and Energy Management 3
- ♦ CYB232: CCNA Connecting Networks. 3
- ♦ CYB233: CCNA Security 4
- English Elective 3

FOURTH SEMESTER: 16 credits

- ♦ CYB241: CCNA Voice and Multimedia Security 3
- ♦ CYB242: Information Security Capstone 3
- ♦ CYB260: CCNA Health Information Networking Security or CYB280: Cybersecurity Internship 3
- Laboratory Elective 4
- Social Sciences Elective 3

MINIMUM CREDITS REQUIRED: 64

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

DIETETIC TECHNICIAN / A.A.S. DEGREE

Eastern / DIET-AAS

HEGIS Code - 5404, CIP Code - 51.3104

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. Both full- and part-time students are required to purchase accident insurance and professional liability insurance under the College's policy. DTE101 is open to all students and can be taken as an unrestricted elective. Enrollment in all other DTE courses is limited to students officially admitted to the program.

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, <https://www.eatrightpro.org/acend>.

FIRST SEMESTER: 16 credits	<i>Credits</i>
* 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 or higher	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

MINIMUM CREDITS REQUIRED: 63

- * BIO105 must be taken and completed with a C or higher prior to enrolling in DTE121.
- ♦ These courses constitute the major courses in this curriculum.

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

DIGITAL MEDIA AND ANIMATION / A.S. DEGREE

Eastern / DMAA-AS

HEGIS Code - 5012 , CIP Code - 50.0102

Advanced digital applications allow opportunities in the animation, special effects, interactive media and game design industry. The Digital Media and Animation curriculum builds upon traditional studio skills developed in foundation drawing and design courses and branches into digital-based production, such as 3D modeling, 2D and 3D special effects, 2D and 3D animation, digital video, and interactive media. This curriculum prepares students for transfer into baccalaureate digital art degree programs and for entry-level digital art positions.

FIRST SEMESTER: 16 credits

Credits

- ♦ ART130: 2D Design 3
- ♦ ART133: Drawing I 3
- ♦ DMA101: Introduction to Digital Media 3
 - ENG101: Standard Freshman
Composition 3
- ♦ GRD105: Digital Design College
Seminar 1
- SOC101: Introduction to Sociology 3

SECOND SEMESTER: 16-17 credits

- ♦ ART112: Art History II 3
- ♦ ART120 Color Theory 3
- ♦ ART210: 3D Design 3
- ♦ DMA102: 3D Animation I 3
- Mathematics Elective 3-4
- Physical Education 1

THIRD SEMESTER: 16 credits

- COM101: Introduction to Human
Communications or
COM105: Public Speaking 3
- ENG102: Introduction to Literature 3
- ♦ DMA201: 3D Animation II 3
- ♦ DMA203: Interactive Media I 3
- Laboratory Science Elective 4

FOURTH SEMESTER: 16 credits

- ♦ ART113: Modern Art 3
- ♦ DMA202: 3D Animation III 3
- ♦ DMA204: Interactive Media II 3
- * History Elective 3
- Social Sciences Elective 3
- Physical Education 1

MINIMUM CREDITS REQUIRED: 64

- * To be selected from HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, or 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

DRAFTING (COMPUTER-ASSISTED) / CERTIFICATE

Ammerman / DRFT-CERT

HEGIS Code - 5303, CIP Code - 15.1301

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/
Basic AutoCAD 3
- ♦ COT114: Construction Methods. 3
- ♦ COT137: Architectural History 3
- ENG101: Standard Freshman Composition .. 3
- MAT111: Algebra II or higher. 4

SECOND SEMESTER (spring): 15 credits

- ♦ DRF217: Architectural Drafting:
Residential 3
- ♦ DRF218: Architectural Drafting:
Presentations 3
- ♦ DRF219: Architectural Drafting:
Structural 3
- ♦ DRF220: Advanced CAD 3
- Social Sciences Elective 3

MINIMUM 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.

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 major 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, EDU102, EDU103, and EDU113 are open to all students and can be taken as electives. EDU211 and EDU221 are limited to students officially admitted to the program. 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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FIRST SEMESTER: 16 credits *Credits*

COL101: College Seminar	1
COM101: Introduction to Human Communication	3
ENG101: Standard Freshman Composition	3
*♦ EDU101: Foundations of Early Childhood Education	3
HSC101: Health Concepts or HSC112: Safety, First Aid and CPR	3
PSY101: Introduction to Psychology	3

SECOND SEMESTER: 16 credits

♦ EDU102: Curriculum for Young Children I	3
♦ EDU103: Curriculum for Young Children II	3
English Elective	3
PSY203: Child Psychology	3
Physical Education	1
SOC101: Introduction to Sociology	3

THIRD SEMESTER: 15-16 credits

*♦ EDU113: Infants and Toddlers: Programs and Care	3
♦ EDU211: Early Childhood Seminar and Practicum I	3
HSC114: Group Dynamics	3
Mathematics Elective	3-4
Unrestricted Elective	3

FOURTH SEMESTER: 17 credits

♦ EDU221: Early Childhood Seminar and Practicum II	4
PSY213: The Exceptional Child	3
SOC203: Marriage and the Family	3
Laboratory Science Elective	4
Unrestricted Elective	3

MINIMUM CREDITS REQUIRED: 64

- * 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.

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

EARLY CHILDHOOD / A.S. DEGREE

Ammerman - Eastern - Grant / ECAS-AS
HEGIS Code - 5649, CIP Code - 19.0708

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, EDU102, EDU103, and EDU113 are open to all students and can be taken as electives. EDU211 and EDU221 are limited to students officially admitted to the program. 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. Students must achieve a minimum grade of C in each major course in order to continue in the program and to qualify for graduation. Practicum courses require that students travel to a wide variety of early childhood programs throughout Suffolk County. Students cannot be employed by the program at which they are placed and must be available during the day. Fingerprint and background checks may be required at the student's expense.

FIRST SEMESTER: 16-17 credits	<i>Credits</i>
COL101: College Seminar	1
*♦ EDU101: Foundations of Early Childhood Education	3
ENG101: Standard Freshman Composition	3
Foreign Language Elective	3
Mathematics Elective.	3-4
PSY101: Introduction to Psychology	3
SECOND SEMESTER: 16 credits	<i>Credits</i>
♦ EDU102: Curriculum for Young Children I	3
♦ EDU103: Curriculum for Young Children II	3
ENG102: Introduction to Literature	3
Foreign Language Elective	3
Physical Education.	1
PSY203: Child Psychology	3

THIRD SEMESTER: 15 credits	<i>Credits</i>
American History Elective	3
** Art/Music Elective	3
♦ EDU211: Early Childhood Seminar and Practicum I	3
PSY213: The Exceptional Child	3
Unrestricted Elective	3
FOURTH SEMESTER: 15 credits	<i>Credits</i>
♦ EDU221: Early Childhood Seminar and Practicum II.	4
Laboratory Science Elective	4
*** Other World Civilizations Elective	3
Physical Education.	1
† Social Sciences Restricted Elective.	3
MINIMUM CREDITS REQUIRED: 62	

* Students in the Liberal Arts and Sciences: General Studies Curriculum may use this course as an unrestricted elective.

continued on next page

For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

- ** To be selected from ART101, ART111, ART112, ART113, ART114, ART130, MUS101, MUS103, MUS105 or MUS117.
- *** Other World Civilizations elective includes the following: ANT101, ANT105, ANT203, ANT211, COM202, ENG212, GEO101, GEO102, GEO103, HIS107, HIS110, HIS118, HIS119, HIS120, PHL111, POL107, POL111, SPN175 or SPN176.
- † To be selected from SOC101, SOC122, HUS101, POL101.
- ◆ 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 95 for selecting courses. 2) See page 30 for information about transfer agreements. 3) While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

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

MINIMUM 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 page 30 for information about transfer agreements.

For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

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

Ammerman / PARM-AAS

HEGIS Code - 5299, CIP Code - 51.0904

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.

Admission Procedures and Requirements

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 applying.

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.

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

MINIMUM CREDITS REQUIRED: 63

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

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

ENGINEERING SCIENCE / A.S. DEGREE

Ammerman / ENSC-AS

HEGIS Code - 5609, CIP Code - 14.0102

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.

FIRST SEMESTER: 15 credits Credits

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

SECOND SEMESTER: 18 credits

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

THIRD SEMESTER: 18 credits

♦ 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

FOURTH SEMESTER: 17 credits

*♦ 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

MINIMUM 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

FIRE PROTECTION TECHNOLOGY / A.A.S. DEGREE

Ammerman / FRPT-AAS

HEGIS Code - 5507, CIP Code - 43.0202

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.

FIRST SEMESTER: 16-17 credits

Credits

COL101: College Seminar	1
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: 16-17 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
Physical Education	1

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 (POL103 Recommended)	3

MINIMUM CREDITS REQUIRED: 64

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

FIRE INVESTIGATION / CERTIFICATE

Ammerman / FRPT-CERT

HEGIS Code - 5507, CIP Code - 43.0201

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

MINIMUM CREDITS REQUIRED: 30

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

FITNESS SPECIALIST / A.S. DEGREE

Ammerman / FTSP-AS

HEGIS Code - 5299.30, CIP Code - 51.2309

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, sports 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.

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FIRST SEMESTER: 16 credits

Credits

- BIO130: Anatomy and Physiology I 4
- COL101: College Seminar 1
- ENG101: Standard Freshman Composition . . . 3
- * History Elective 3
- ♦ PED190: Introduction to Physical Education, Fitness and Sport 3
- ♦ PED132: Adventure Fitness 1
- ** Physical Education 1

SECOND SEMESTER: 17 credits

- BIO132: Anatomy and Physiology II 4
- ENG102: Introduction to Literature 3
- HSC112: Safety, First Aid and CPR 3
- ♦ PFS114: Overview of Fitness and Facility Management 3
- PSY101: Introduction to Psychology 3
- * Physical Education 1

THIRD SEMESTER: 16-17 credits

- BIO245: Kinesiology 4
- ♦ 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
- Mathematics Elective 3-4

FOURTH SEMESTER: 15 credits

- ♦ PFS211: Nutrition and Human Performance 3
- ♦ PFS217: Fieldwork in Fitness 3
- SUNY-GER Electives (2 courses) 6
- SUNY-GER Foreign Language or The Arts . . 3

MINIMUM CREDITS REQUIRED: 64

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

** To be selected from PED113, PED126, PED130, PED144, PED147, PED174 and PED175.

♦ 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

GRAPHIC DESIGN / A.S. DEGREE

Eastern / GRDE-AS

HEGIS Code - 5012, CIP Code - 50.0409

The Graphic Design program is to provide students with a foundation in design process and problem solving based on both traditional and contemporary practices. Graphic design involves the use of specialized software combined with creativity to create strong visual communications using type and images. In this program, students will learn the artistic design and technical skills needed across print and digital media of graphic design. Coursework often includes creating logos, developing collateral for various types of clients, and designing layouts for print and web productions.

This program is intended for students interested in pursuing a career in a visual communication design field who will transfer to a baccalaureate program.

Students matriculated in the Graphic Design program must achieve a minimum grade of C to each graphic design core course in order to continue on to the next course in the sequence and to qualify for graduation.

FIRST SEMESTER: 16 credits

Credits

- ♦ ART116: Adobe Photoshop 3
- ♦ ART130: 2D Design 3
- ENG101: Standard Freshman
Composition 3
- ♦ GRD101: Graphic Design I 3
- ♦ GRD102: Graphic Design Technology 3
- ♦ GRD105: Digital Design College Seminar ... 1

SECOND SEMESTER: 16 credits

- ♦ ART120: Color Theory 3
- ♦ GRD103: Typography I 3
- ♦ GRD207: History of Graphic Design 3
- * Mathematics Elective 4
- PSY101: Introduction to Psychology 3

THIRD SEMESTER: 16 credits

- ♦ ART111: Art History I 3
- ♦ ART133: Drawing I 3
- ENG121: Technical Writing 3
- ♦ GRD211: Graphic Design II 3
- Laboratory Science Elective 4

FOURTH SEMESTER: 16 credits

- ♦ ART112: Art History II 3
- ♦ GRD203: Web Design I 3
- ♦ GRD212: Publication Design 3
- ** History Elective 3
- *** Other World Civilizations
Social Sciences Elective 3
- Physical Education 1

MINIMUM CREDITS REQUIRED: 64

- * To be selected from MAT111 or higher.
- ** To be selected from HIS101, HIS102, HIS103, HIS104 or HIS107.
- *** Other World Civilizations Social Science include the following: ANT101, ANT105, ANT203, 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 95 for selecting courses. 2) See page 30 for information about transfer agreements.

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 Technology 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: 8 credits

COL101: College Seminar	1
MAT103: Statistics I	3
BIO138: Fundamentals of Human Structure and Function	4

SUMMER SESSION: 6 credits

English Elective	3
PSY101: Introduction to Psychology	3

THIRD SEMESTER: 8 credits

♦ HIT114: Introduction to Health Information Technology	3
♦ HIT117: Electronic Health Record	4
Physical Education Elective	1

FOURTH SEMESTER: 10 credits

♦ HIT119: Privacy and Security of the Electronic Health Record	3
♦ HIT226: 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

For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

FIFTH SEMESTER: 7 credits

- ♦ HIT220: Study of Disease 3
- ♦ HIT235: Coding and Classification Systems 3
- Physical Education Elective 1

SIXTH SEMESTER: 10 credits

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

MINIMUM CREDITS REQUIRED: 65

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 Technology 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: Management Issues in the Electronic Health Record Physical Education 4

FOURTH SEMESTER: 13 credits

- PSY101: Introduction to Psychology 3
- English Elective 3
- Humanities Elective 3
- Physical Education 1
- Social Sciences Elective 3

MINIMUM CREDITS REQUIRED: 65

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

NOTE: *While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.*

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

Grant / HVAC-AAS

HEGIS Code – 5317, CIP Code - 47.0201

The Heating, Ventilation, Air Conditioning and Refrigeration Technology (HVAC/R) associate degree prepares students for rewarding and challenging positions in the ever-changing and growing HVAC/R industry. This A.A.S. degree 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 Technology 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 Technology degree includes some courses offered day or evening and others offered on the weekend. Prior to matriculation, however, students may take some courses that would apply to the program.

Admission Procedures and Requirements

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All applicants must take the Computerized Placement Test (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	<i>Credits</i>
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

MINIMUM CREDITS REQUIRED: 64

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

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

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

Grant / HVAC-CERT

HEGIS Code – 5317, CIP Code - 47.0201

The Heating, Ventilation, Air Conditioning and Refrigeration Technology (HVAC/R) certificate 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 gives students the opportunity to complete their coursework in a shorter period of time than the degree, 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 Technology can apply credits earned in the certificate towards the associate degree.

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

Admission Procedures and Requirements

All applicants must take the Computerized Placement Test (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: 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

MINIMUM CREDITS REQUIRED: 34

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

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

Eastern / HRMN-AAS

HEGIS Code - 5010, CIP Code - 52.0906

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.

Admission 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.

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: 16 credits

- ACC101: Financial Accounting I 3
- ♦ CUL116: Dining Room Management 3
- English Elective 3
- ♦ HRM210: Front Office Management and Housekeeping. 3
- Laboratory Science Elective 4

SUMMER SESSION: 4 credits

- ♦ HRM240: Hotel and Resort Management Internship/Cooperative Education 4

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: 12 credits

- ♦ HRM250: Hospitality Capstone Course 2
- ♦ HRM220: Hotel Sales and Meeting Management. 3
- LAW111: Business Law I. 3
- PSY101: Introduction to Psychology 3
- Physical Education. 1

MINIMUM CREDITS REQUIRED: 64

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

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

HOTEL AND RESORT MANAGEMENT / CERTIFICATE

Eastern / HRMN-CERT

HEGIS Code - 5010, CIP Code - 52.0906

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: 15 credits

Credits

- ACC101: Financial Accounting I 3
- ♦ CUL132: Hospitality Supervision 3
- ♦ HRM105: Introduction to the Hospitality Industry 3
- ♦ HRM120: Hospitality Marketing 3
- ♦ HRM205: Maintenance and Equipment 3

SECOND SEMESTER: 15 credits

- ♦ CUL112: Hospitality Cost Controls 3
- ♦ CUL113: Wine and Beverage Management 3
- ♦ CUL116: Dining Room Management 3
- ♦ HRM210: Front Office Management and Housekeeping 3
- ♦ HRM220: Hotel Sales and Meeting Management 3

MINIMUM CREDITS REQUIRED: 30

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

HUMAN SERVICES / A.S. DEGREE

Ammerman / HUSR-AS

HEGIS Code - 5501, CIP Code - 44.0000

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 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 Stony Brook University School of Social Welfare which facilitate the acceptance of all credits to each of 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. All program courses are offered both day and evening, except HUS205, which is offered day or online. HIS103 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	<i>Credits</i>
ENG101: Standard Freshman Composition . . .	3
* Restricted ART/MUS/THR 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 (Spanish Recommended)	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)	

MINIMUM CREDITS REQUIRED: 63

- * To be selected from ART101, ART111, ART112, ART113, MUS101, MUS103, MUS105 or THR101.
- ** HUS101 and HUS103 can be taken during the same semester. Both must be completed before taking HUS201 and HUS205.
- *** LIB101 is recommended. May be met by COL101: College Seminar.

- † 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.* 3) *While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.*

INFORMATION TECHNOLOGY / A.A.S. DEGREE**Ammerman - Eastern - Grant / ITIS-AAS, ITND-AAS
HEGIS Code - 5104, CIP Code - 11.0103**

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
SECOND SEMESTER: 17-18 credits	
♦ CST141: Principles of Computing with Java	4
♦ CST Elective (excluding CST101).	4
ENG121: Technical Writing	3
MAT103 or MAT121 or higher	3-4
* Social Sciences Elective	3

THIRD SEMESTER: 16 credits

- ♦ CST171: Relational Database
Applications and Concepts
- ♦ CST242: Advanced Programming and
Problem Solving with Java
- ♦ CST Elective (excluding CST101).
- *** Humanities Elective.
- Physical Education.

FOURTH SEMESTER: 13-15 credits

- CST288: Cooperative Education/
Internships for Computing Technology
(Recommended)
- or BUS150: Cooperative Education
in Business
- ACC101, BUS101 or BUS127.
- ♦ CST272: Programming for Relational
Database Management Systems
- * Social Sciences Elective

MINIMUM CREDITS REQUIRED: 63

continued on next page

For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

Network Design and Administration Option (ITND-AAS)

FIRST SEMESTER: 17 credits Credits

- 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

SECOND SEMESTER: 17-18 credits

- ♦ CST125: Installing, Configuring and Administering Microsoft Windows® Operating Systems or CST126: Operating Systems: Linux/UNIX. 4
- ♦ CST141: Principles of Computing with Java 4
- ENG121: Technical Writing. 3
- MAT103 or MAT121 or higher 3-4
- * Social Sciences Elective 3

THIRD SEMESTER: 14-16 credits

- ** Business or Science/Engineering/Technology Elective. 3-4
- ♦ CST Elective (excluding CST101) 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 (Recommended) 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

MINIMUM CREDITS REQUIRED: 62

- * Students planning to transfer to a SUNY four-year institution are strongly advised to choose social sciences electives in either American History (HIS103, HIS104 or POL105), Western Civilization (HIS101, HIS102, HIS107, HIS201, IND101 or IND102), or Other World Civilizations (ANT101, ANT105, ANT203, ANT211, GEO101, GEO102, GEO103, HIS107, 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.
- † Students may take CYB111 and CYB121 in place of ELT151 and ELT152.
- ♦ These courses constitute the major courses in this curriculum.

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

INFORMATION TECHNOLOGY / CERTIFICATE

Ammerman - Eastern - Grant / ITIS-CERT, ITND-CERT HEGIS Code - 5104, CIP Code - 11.0103

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.

Computer Information Systems Option (ITIS-CERT)

FIRST SEMESTER: 16 credits	<i>Credits</i>
♦ CST112: Introduction to Programming.....	4
♦ CST141: Principles of Computing with Java.....	4
♦ CST171: Relational Database Applications and Concepts	4
MAT107: Computer Mathematics Concepts.....	4
SECOND SEMESTER: 15 credits	
♦ CST242: Advanced Programming and Problem Solving with Java.....	4
♦ CST272: Programming for Relational Database Management Systems	4
♦ Computer Science/Information Technology Elective.....	4
ENG121: Technical Writing.....	3
MINIMUM CREDITS REQUIRED: 31	
♦ These courses constitute the major courses in this curriculum.	

Network Design and Administration Option (ITND-CERT)

FIRST SEMESTER: 16 credits	<i>Credits</i>
♦ CST112: Introduction to Programming.....	4
♦ CST125: Installing, Configuring and Administering Microsoft Windows Operating Systems or CST126: Operating Systems: Unix/Linux.....	4
*♦ ELT151: CISCO Computer Networking I.....	4
MAT107: Computer Mathematics Concepts.....	4
SECOND SEMESTER: 15 credits	
♦ CST227: Network Operating Systems and Network Infrastructure.....	4
*♦ ELT152: CISCO Computer Networking II	4
♦ Computer Science/Information Technology Elective.....	4
ENG121: Technical Writing.....	3
MINIMUM CREDITS REQUIRED: 31	
* Students may take CYB111 and CYB121 in place of ELT151 and ELT152.	
♦ These courses constitute the major courses in this curriculum.	

INTERIOR DESIGN / A.A.S. DEGREE

Eastern / INDA-AAS

HEGIS Code - 5012, CIP Code - 50.0408

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.

Students are admitted in the fall semester 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

	<i>Credits</i>
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 Internships in Interior Design or ART111: Art History I or ART112: Art History II or ART113: Modern Art	3
Laboratory Science Elective	4

MINIMUM CREDITS REQUIRED: 64

- * 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.

LIBERAL ARTS AND SCIENCES: ADOLESCENCE EDUCATION/BIOLOGY / 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 Regents 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: College Biology I: Cellular and Molecular Biology	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

BIO151: College Biology II: Organismal Biology	4
CHE134: College Chemistry II	4
* Foreign Language Sequence	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 Sequence	3

FOURTH SEMESTER: 15 credits

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

MINIMUM 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, or ASL101 and ASL105.

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to attain teacher certification. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

B.A. Program at St. Joseph's College¹

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

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For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

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 ¹	3-4

Credits Required at St. Joseph's**College: 65-66 credits (68-70 for B.S. Degree)****Credits Required at Suffolk County****Community College: 64 credits****Total Credits Required to Complete the Joint****Program: 129-130 for B.A. Degree;****132-134 for B.S. Degree**

¹ 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 / 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 Regents 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 Sequence	3
** Mathematics Elective	3-4
PSY101: Introduction to Psychology	3
SECOND SEMESTER: 17 credits	
ENG102: Introduction to Literature	3
ENG201: Advanced Expository Writing	3
* Foreign Language Sequence	3
HIS101: Western Civilization I or HIS102: Western Civilization II	3
Laboratory Science Elective	4
Physical Education	1
THIRD SEMESTER: 16-17 credits	
*** English Elective	3
ENG212: Contemporary Global Literature	3
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

MINIMUM 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, or ASL101 and ASL105.
- ** 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.

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to attain teacher certification. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

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For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

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

FIFTH SEMESTER: 16 credits		<i>Credits</i>
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
SIXTH SEMESTER: 15 credits		
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 (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 Regents 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 Sequence	3
HIS101: Western Civilization I	3
** Mathematics Elective	3-4

SECOND SEMESTER: 17 credits

ENG102: Introduction to Literature	3
* Foreign Language Sequence	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

MINIMUM 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, or ASL101 and ASL105.
- ** No mathematics special topics courses.
- *** To be selected from ART101, ART111, ART112 or ART113.
- † To be selected from GEO101, GEO102, GEO103, HIS118, HIS119, or POL107.

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to attain teacher certification. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

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For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

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

FIFTH SEMESTER: 16 credits

	<i>Credits</i>
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 / 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 Regents 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 Sequence	3
MAT126: Precalculus Mathematics	4
PSY101: Introduction to Psychology	3

SECOND SEMESTER: 15 credits

ENG102: Introduction to Literature	3
* Foreign Language Sequence	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

MINIMUM 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, or ASL101 and ASL105.

** To be selected from ART101, ART111, ART112, ART113, MUS101, MUS103, MUS105, MUS117, MUS206 or MUS210.

NOTE: *While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to attain teacher certification. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.*

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For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

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 College¹

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) / 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 coursework 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 Regents 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 *Credits*

COL101: College Seminar	1
ENG101: Standard Freshman Composition	3
* Foreign Language Sequence	3
◇ Mathematics Elective	3-4
PSY101: Introduction to Psychology	3
** Restricted Visual Arts Elective	3

SECOND SEMESTER: 17 credits

COM101: Introduction to Human Communication or COM105: Public Speaking	3
ENG102: Introduction to Literature	3
* Foreign Language Sequence	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
† Restricted Music Elective	3
*** Restricted Philosophy Elective	3
PSY213: The Exceptional Child	3

FOURTH SEMESTER: 16 credits

‡ Course in Area of Concentration	3
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

MINIMUM CREDITS REQUIRED: 64

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For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

* 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, or ASL101 and ASL105.

** 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.

NOTE: While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to attain teacher certification. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.

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

FIFTH SEMESTER: 16 credits	Credits
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: 130-132¹

¹ The total credits required would likely be reduced, the amount depending on the student's choice of area of concentration. Some courses taken as part of the Liberal Arts Education (Child Study) Emphasis at Suffolk County Community College would likely count as courses taken in the area of concentration.

All students are required to pass the LAST and ATS-W, the Certificate for Child Abuse and Violence Prevention, and be fingerprinted as required by New York State. Students must also take the content test in their major field. 128 credits are required for graduation from St. Joseph's College.

LIBERAL ARTS AND SCIENCES: GENERAL STUDIES / A.A. DEGREE

Ammerman - Eastern - Grant / LAGS-AA
HEGIS Code - 5649, CIP Code - 24.0102

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
‡ Other World Civilizations Social Sciences Elective	3
Unrestricted Electives (2 courses) (see Note 2)	6

MINIMUM CREDITS REQUIRED: 64

* 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, ART120-122, ART126, or ART128. 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 designated "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.

‡ Other World Civilizations Social Science electives include the following: ANT101, ANT105, ANT203, ANT211, GEO101, GEO102, GEO103, HIS107, HIS110, HIS118, HIS119, HIS120, POL107 or POL111.

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 95 of this catalog. 3) See page 30 for information about transfer agreements.

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

Ammerman / LACS-AA, LACW-AA, LAEG-AA, LAFL-AA, LAPL-AA
 Eastern / LAEG-AA
 Grant / LAEG-AA, LAPL-AA
 HEGIS Code - 5649, CIP Code - 24.0103

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 Sequence 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 Sequence 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 (HIS103, HIS104 or POL105) 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 Mathematics/Laboratory Science Elective 3-4
- *** Other World Civilizations Elective 3

MINIMUM CREDITS REQUIRED: 61

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 Sequence 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 Sequence 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 (HIS103, HIS104 or POL105)	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

MINIMUM CREDITS REQUIRED: 61**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 Sequence.	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 Sequence.	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 (HIS103, HIS104 or POL105)	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

MINIMUM CREDITS REQUIRED: 61**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 Sequence.	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 Sequence.	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 (HIS103, HIS104 or POL105)	3
English Elective	3
*♦ Foreign Language Sequence.	3
Laboratory Science Elective	4
♦ Philosophy Elective	3
Physical Education.	1

FOURTH SEMESTER: 12-13 credits

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

MINIMUM CREDITS REQUIRED: 61**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 Sequence.	3
HIS101: Western Civilization I or IND101: Civilization: The Human Experience I	3
†♦ Philosophy Elective	3

*continued on next page**For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.*

SECOND SEMESTER: 16-17 credits

- ◆ ENG102: Introduction to Literature 3
- *◆ Foreign Language Sequence..... 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
(HIS103, HIS104, or POL105)..... 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

MINIMUM CREDITS REQUIRED: 61

- * Students are required to complete two (four in the Foreign Language Option) 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, or ASL101 and ASL105. ASL courses do not meet requirements in Foreign Language Option.

- ** One course to be selected from the following: ART101, ART111, ART112, ART113, ART114, ART130, ART133, ART135, ART141, ART145, ART146, ART155, ART161, ART171, ART181, ART202, ART209, ART210, ART245, ART246, ART247, ART251, ART256, ART257, ART259, ART295-296, CIN114, CIN156, MUS101, MUS103, MUS105, MUS117, MUS120, MUS121, MUS122, MUS123, MUS131, MUS132, MUS133, MUS134, MUS135, MUS206, MUS210, MUS295-296, THR101, THR105, THR131, THR211, THR212, THR295-296. (MUS123, MUS131-135 can be used only if they add up to four credits.)

- *** Other World Civilizations elective include the following: ANT101, ANT105, ANT203, ANT211, COM202, ENG212, GEO101, GEO102, GEO103, HIS107, HIS110, HIS118, HIS119, HIS120, PHL111, POL107, or POL111.

- † 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

LIBERAL ARTS AND SCIENCES: MATHEMATICS / 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.

FIRST SEMESTER: 16 credits	<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

SECOND SEMESTER: 16 credits	<i>Credits</i>
ENG102: Introduction to Literature	3
♦ MAT142: Calculus with Analytic Geometry II	4
* History Elective	3
Humanities Elective	3
Social Sciences Elective	3

THIRD SEMESTER: 14 credits	<i>Credits</i>
♦ MAT200: Language, Logic and Proof	3
♦ MAT203: Calculus with Analytic Geometry III	4
Humanities Elective	3
** Laboratory Science Elective	4

FOURTH SEMESTER: 16 credits	<i>Credits</i>
♦ MAT204: Differential Equations	4
♦ MAT206: Linear Algebra	4
Humanities Elective	3
Physical Education	1
** Laboratory Science Elective	4

MINIMUM CREDITS REQUIRED: 62

- * To be selected from: HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120.
- ** Recommended: PHY130 and PHY132, PHY230 and PHY232, CHE133, or CHE134.
- ♦ 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

LIBERAL ARTS AND SCIENCES: SCIENCE / A.S. DEGREE

Ammerman / LABI-AS, LASC-AS, LAGE-AS, LAAS-AS, LAME-AS, LAFR-AS, LAPH-AS
 Eastern / LABI-AS, LAFR-AS
 Grant / LABI-AS, LAFR-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 are currently not offered at the Eastern Campus on a regular basis. Eastern Campus science students may be required to complete the upper-level science sequence at the Ammerman Campus.*

Biology Option (LABI-AS)

This option is designed for students planning a career in medicine, dentistry, pharmacy, scientific research, applied science, environmental science or the teaching of science in schools and colleges. Upon successful completion of this program, graduates usually transfer as juniors to four-year colleges where they complete the baccalaureate degree before proceeding to graduate school and professional study in their chosen field.

FIRST SEMESTER: 17 credits Credits

- ♦ BIO150: College Biology I: Cellular and Molecular Biology 4
- ♦ CHE133: College Chemistry I 4
- ENG101: Standard Freshman Composition . . 3
- LIB101: Introduction to College Research (*Recommended*) or COL101: College Seminar 1
- MAT141: Calculus with Analytical Geometry I 4
- Physical Education 1

SECOND SEMESTER: 16 credits

- ♦ BIO151: College Biology II: Organismal Biology 4
- ♦ CHE134: College Chemistry II 4
- ENG102: Introduction to Literature 3
- MAT142: Calculus with Analytical Geometry II 4
- Physical Education 1

THIRD SEMESTER: 17-18 credits

- ANT103: Physical Anthropology 3
- ♦ BIO252: College Biology III: Organisms and Ecosystems 4
- COM101: Introduction to Human Communication 3
- GEO101: World Regional Geography 3
- ♦ PHY130/132: Physics I or PHY101: College Physics I or CHE250: Organic Chemistry I 4-5

FOURTH SEMESTER: 14-15 credits

- *♦ Intermediate Biology 4
- ♦ PHY230/232: Physics II or PHY102: College Physics II or CHE251: Organic Chemistry II 4-5
- Foreign Language Elective 3
- ** History Elective 3

MINIMUM CREDITS REQUIRED: 64

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: 15-16 credits Credits

- ♦ CHE133: College Chemistry I 4
- ENG101: Standard Freshman Composition . . 3
- LIB101: Introduction to College Research (*Recommended*) or COL101: College Seminar 1
- ART/MUS/THR or Foreign Language Elective 3
- Social Sciences Elective 3
- Physical Education (PED174 *Recommended*) . 1

SECOND SEMESTER: 17 credits

- ♦ CHE134: College Chemistry II 4
- ENG102: Introduction to Literature 3
- Humanities Elective 3
- MAT141: Calculus with Analytical Geometry I 4
- Social Sciences Elective 3

THIRD SEMESTER: 16 credits

- ♦ CHE250: Organic Chemistry I 5
- Humanities Elective 3
- MAT142: Calculus with Analytical Geometry II 4
- ♦ PHY130/132: Physics I 4

FOURTH SEMESTER: 16 credits	
♦ CHE251: Organic Chemistry II	5
** History Elective	3
*** Restricted Mathematics	
or Science Elective	4
♦ PHY230/232: Physics II	4

MINIMUM CREDITS REQUIRED: 64

Earth and Space Science Option (LAAS-AS, LAGE-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	<i>Credits</i>
♦ AST101: Astronomy of the Solar System	4
ENG101: Standard Freshman Composition	3
LIB101: Introduction to College Research (<i>Recommended</i>)	
or COL101: College Seminar	1
Humanities Elective	3
Physical Education	1
Social Science Elective	3

SECOND SEMESTER: 16 credits	
ENG102: Introduction to Literature	3
♦ AST102: Astronomy of Stars and Galaxies	3
HIS101: Western Civilization I or HIS102: Western Civilization II or HIS107: Modern World History	3
Humanities Elective	3
MAT141: Calculus with 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	
Liberal Arts and Sciences Electives (MAT203 Recommended)	6-8
‡ Humanities Elective	3
♦ PHY230/232: Physics II	4
Physical Education	1

MINIMUM CREDITS REQUIRED: 60

GEOLOGY SEQUENCE (LAGE-AS)

FIRST SEMESTER: 16 credits	<i>Credits</i>
♦ CHE133: College Chemistry I	4
ENG101: Standard Freshman Composition	3
♦ ESC101: Introduction to Geology	4
Humanities Elective	3
LIB101: Introduction to College Research (<i>Recommended</i>)	
or COL101: College Seminar	1
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 with 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

MINIMUM CREDITS REQUIRED: 62

METEOROLOGY SEQUENCE (LAME-AS)

FIRST SEMESTER: 16 credits	<i>Credits</i>
♦ CHE133: College Chemistry I	4
ENG101: Standard Freshman Composition	3
LIB101: Introduction to College Research (<i>Recommended</i>)	
or COL101: College Seminar	1
♦ 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 with Analytical Geometry I	4

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For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

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

MINIMUM 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*

- ♦ CHE133: College Chemistry I 4
- ENG101: Standard Freshman Composition . . . 3
- ♦ ENV101: Introduction to Environmental
Sciences 4
- LIB101: Introduction to College
Research (*Recommended*)
or COL101: College Seminar 1
- MAT141: Calculus with Analytical
Geometry I 4
- Physical Education 1

SECOND SEMESTER: 16 credits

- ♦ BIO150: College Biology I: Cellular and
Molecular Biology 4
- ♦ CHE134: College Chemistry II 4
- ENG102: Introduction to Literature 3
- MAT142: Calculus with Analytical
Geometry II 4
- Physical Education 1

THIRD SEMESTER: 17 credits

- ♦ BIO252: College Biology III:
Organisms and Ecosystems 4
- COM101: Introduction to Human
Communication 3
- GEO101: World Regional Geography 3
- ♦ PHY130/132: Physics I
or PHY101: College Physics I 4
- † Social Sciences Elective 3

FOURTH SEMESTER: 14 credits

- ♦ BIO210: Field Biology and Ecology 4
- ** History Elective 3
- Foreign Language 3
- ♦ PHY230/232: Physics II
or PHY102: College Physics II 4

MINIMUM CREDITS REQUIRED: 64**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.

FIRST SEMESTER: 16 credits *Credits*

- ♦ CHE133: College Chemistry I 4
- CST112: Introduction to Programming 4
- ENG101: Standard Freshman Composition . . . 3
- LIB101: Introduction to College
Research (*Recommended*)
or COL101: College Seminar 1
- MAT141: Calculus with Analytical
Geometry I 4

SECOND SEMESTER: 15 credits

- ♦ CHE134: College Chemistry II 4
- ENG102: Introduction to Literature 3
- MAT142: Calculus with Analytical
Geometry II 4
- ♦ PHY130/132: Physics I 4

THIRD SEMESTER: 15 credits

- HIS101: Western Civilization I
or HIS102: Western Civilization II
or HIS107: Modern World History 3
- MAT203: Calculus with Analytical
Geometry III 4
- MAT204: Differential Equations 4
- ♦ PHY230/232: Physics II 4

FOURTH SEMESTER: 18 credits

- Foreign Language Elective 3
- MAT206: Linear Algebra 4
- ♦ PHY245/246: Physics III 4
- ♦ PHY247/248: Physics IV 4
- Social Sciences Elective 3

MINIMUM CREDITS REQUIRED: 64

* To be selected from BIO210, BIO262, BIO270, BIO272 or BIO274.

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

*** To be selected from CHE200, MAT203, MAT204, MAT205, PHY245/246.

† To be selected from SOC101, POL103, ECO111, or ECO112.

- ‡ SUNY-GER Foreign Language or The Arts recommended.
- ♦ 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 95 for selecting courses. 2) See page 30 for information about transfer agreements.

LIBERAL ARTS AND SCIENCES: SOCIAL SCIENCE / A.A. DEGREE

Ammerman - Eastern - Grant / LASH-AA, LASS-AA, LASP-AA, LASA-AA HEGIS Code - 5622, CIP Code - 24.0103

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 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 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

MINIMUM CREDITS REQUIRED: 61

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 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 Laboratory Science or Mathematics Elective 3-4
- *** Laboratory Science or Mathematics Elective 3-4
- ♦ POL107: World Politics 3
- **♦ Other World Civilizations Social Sciences Elective 3
- Physical Education 1

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For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

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

MINIMUM CREDITS REQUIRED: 61**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

MINIMUM CREDITS REQUIRED: 61**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

MINIMUM CREDITS REQUIRED: 61

* 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 Science electives include the following: ANT101, ANT105, ANT203, 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

LIBERAL ARTS AND SCIENCES: WOMEN'S AND GENDER STUDIES / A.A. DEGREE

Ammerman / LAWS-AA

HEGIS Code - 5622, CIP Code - 24.0199

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
- 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: 12-13 credits

- English Elective 3
- Humanities Elective 3
- Mathematics/Science Elective 3-4
- ***◆ SOC215: Sociology of Gender
or HIS205: Women in U.S. History
or PSY212: Psychology of Gender 3

MINIMUM CREDITS REQUIRED: 61.5

- * Elective must be selected from the following: HUM114, WST122/HUM122, WST124/HUM124, WST130/HUM130, WST149/HUM149.
- ** Other World Civilizations Social Sciences elective include the following: ANT101, ANT105, ANT203, ANT211, GEO101, GEO102, GEO103, HIS107, HIS110, HIS118, HIS119, HIS120, POL107, or POL111.

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For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

*** SOC101 is a prerequisite for SOC215. PSY101 is a prerequisite for PSY212. For students planning to take SOC215 or PSY212, students should take the appropriate prerequisite 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

MANUFACTURING TECHNOLOGY / A.A.S. DEGREE

Grant / MFTY-AAS

HEGIS Code - 5312, CIP Code - 15.0613

The Manufacturing Technology associate degree 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, additive manufacturing (3D printing), 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, CNC programmers, manufacturing engineer assistant, 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 Computerized Placement Test (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 the DAY or EVENING based upon demand.

FIRST SEMESTER: 14 credits Credits

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

SECOND SEMESTER: 17 credits

◆ 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

THIRD SEMESTER: 15 credits

◆ 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

FOURTH SEMESTER: 18 credits

◆ MFT202: Manufacturing Capstone Project – Lab IV	4
◆ MFT230: Quality Assurance and Instrumentation	2
◆ MFT250: Industrial Controls	3
ENG121: Technical Writing	3
Social Sciences Elective	3
Humanities Elective	3

MINIMUM CREDITS REQUIRED: 64

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

MUSIC / A.S. DEGREE

Ammerman / MUSC-AS

HEGIS Code - 5610, CIP Code - 50.0901

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.

Admission Procedures and Requirements

To be admitted into the Music program candidates are required to take a Music Theory Placement exam and complete a successful audition on their instrument or voice.

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

MINIMUM CREDITS REQUIRED: 63

* 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

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)
- MUS138: Contemporary Music Ensemble (2 credits)

NURSING / A.S. DEGREE

Ammerman - Grant / NURN1-AS, NURN2-AS, NURN3-AS, NURN4-AS, NURN5-AS, NURN6-AS

HEGIS Code - 5208.10, CIP Code - 51.3801

This program leads to the Associate in Science (A.S.) degree. The Nursing curriculum is designed to prepare students for entry into practice as well as provide opportunities for students seeking transfer into a baccalaureate of science degree through articulation/joint admission agreements. Information on articulation agreements between Suffolk County Community College and potential transfer institutions can be found at 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).*

The Associate in Science (A.S.) degree in Nursing 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.

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 and on the ATI website 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"> • 80 unweighted final high school academic average. • Final course average in Regents Biology Class (or its equivalent) of 80 or better, Regents Biology Exam score of 80 or better. • Final course average in Regents Chemistry Class (or its equivalent) of 80 or better. Regents Chemistry Exam score of 80 or better. • Final course average in Regents Integrated Algebra (or its equivalent) of 80 or better. • Minimum SAT score of 1080 (combined score of Evidence-Based Reading and Writing and Mathematics) or Minimum Score of 21 on ACT Exam.
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MINIMUM REQUIREMENTS FOR CONSIDERATION FOR ADMISSION

<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"> • ATI TEAS exam performance. • Performance in any General Education/Liberal Arts and Sciences courses that are a part of the nursing curriculum. • The admissions rubric used to evaluate student performance can be found at www.sunysuffolk.edu/nursing. • Points awarded for any of these courses completed with C grade or higher. Grades lower than C will not be considered. • 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. • Admission to the Nursing Program is not guaranteed to any applicant, regardless of courses completed or grades received.
<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"> • Meet “All Other Applicants” requirements. • 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.
<p>Please see “How to Apply” at www.sunysuffolk.edu/nursing. 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: General Education / Liberal Arts and Sciences courses may be retaken only once to achieve a higher grade and the highest 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 Day RN Program (Ammerman and Michael J. Grant Campus)	Fall Semester	January 15
Licensed Practical Nurses (LPNs) Applying for Admission into the Day LPN-RN Program (Ammerman and Michael J. Grant Campus)	Spring Semester	August 15
Applicants Previously or Currently Enrolled in College Applying for Admission into the Evening RN Program (Ammerman and Michael J. Grant Campus)	Spring Semester	August 15

continued on next page

For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

Program	Start Date	Application Deadline
All documentation is required by the application deadline, 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.
- All nursing students must maintain a minimum grade of C+ in each nursing course and C in each general education/liberal arts & sciences course. Failure to achieve these measures will prevent the nursing student from continuing to the next sequential nursing course.
- Students who receive grades of C, D+, D, F, or a W in any other NUR course except NUR102 or NUR125 may not proceed with the program unless the student applies for reinstatement and is approved 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, a review of the student's academic eligibility, and frequency of course offering. 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.
- 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 C, D+, D, F, or a W in NUR102 or NUR125 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.
- A total of two unsuccessful attempts resulting in a grade of C, 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 lab or clinical portion of a nursing (NUR) course will receive an F for the course.
- 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.
- Refer to the School of Nursing website 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 with prior criminal convictions who are interested in pursuing this program should refer to page 76 for additional information.*

Nursing courses must be taken in the following required course sequence. General Education/ Liberal Arts and Sciences courses may be taken in any sequence, as long as prerequisite and corequisite requirements are met.

DAY PROGRAM OPTION, A.S.

FIRST SEMESTER (FALL): 18.5 credits *Credits*

- BIO130: Anatomy and Physiology I 4
- ENG101: Standard Freshman Composition 3
- ♦ NUR102: Fundamentals of Nursing
for Registered Nurses 7.5
- ♦ NUR116: Nursing Success. 1
- PSY101: Introduction to Psychology 3

SECOND SEMESTER (SPRING): 15.5 credits

- BIO132: Anatomy and Physiology II. 4
- ENG102: Introduction to Literature 3
- ♦ NUR136: Adult Mental Health Nursing. 3.5
- ♦ NUR133: Adult Physical Health Nursing I 5

THIRD SEMESTER (FALL): 17 credits

- BIO244: General Microbiology 4
- ** HIS103: Foundations of American History
or HIS104: Modern American History 3
- ♦ NUR236: Child Health Nursing Care 3.5
- ♦ NUR238: Maternal/Child
Health Nursing Care 3.5
- MAT103: Statistics I 3

FOURTH SEMESTER (SPRING): 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

MINIMUM CREDITS REQUIRED: 65

EVENING PROGRAM OPTION, A.S.

FIRST SEMESTER (SPRING): 18.5 credits *Credits*

- BIO130: Anatomy and Physiology I 4
- ENG101: Standard Freshman Composition 3
- ♦ NUR102: Fundamentals of Nursing
for Registered Nurses 7.5
- ♦ NUR116: Nursing Success. 1
- PSY101: Introduction to Psychology 3

SECOND SEMESTER (FALL): 10.5 credits

- BIO132: Anatomy and Physiology II. 4
- ENG102: Introduction to Literature 3
- ♦ NUR136: Adult Mental Health Nursing. 3.5

THIRD SEMESTER (SPRING): 8 credits

- ** HIS103: Foundations of American History
or HIS104: Modern American History 3
- ♦ NUR133: Adult Physical Health Nursing I 5

FOURTH SEMESTER (FALL): 7.5 credits

- BIO244: General Microbiology 4
- ♦ NUR238: Maternal/Child Health
Nursing Care 3.5

FIFTH SEMESTER (SPRING): 6.5 credits

- ♦ NUR236: Child Health Nursing Care 3.5
- MAT103: Statistics I 3

SIXTH SEMESTER (FALL): 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

MINIMUM CREDITS REQUIRED: 65

LPN-RN PROGRAM OPTION, A.S.

FIRST SEMESTER (FALL): 13 credits *Credits*

- BIO130: Anatomy and Physiology I 4
- ENG101: Standard Freshman Composition 3
- MAT103: Statistics I 3
- PSY101: Introduction to Psychology 3

SECOND SEMESTER (SPRING): 14.5 credits

- BIO132: Anatomy and Physiology II. 4
- ENG102: Introduction to Literature 3
- *♦ NUR125: LPN to RN Transition and
Advanced Placement 7.5

THIRD SEMESTER (FALL): 14 credits

- BIO244: General Microbiology 4
- ** HIS103: Foundations of American History
or HIS104: Modern American History 3
- ♦ NUR236: Child Health Nursing Care 3.5
- ♦ NUR238: Maternal/Child Health
Nursing Care 3.5

FOURTH SEMESTER (SPRING): 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

MINIMUM 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 262.

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 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.

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 are required to take the Test for Essential Academic Skills (ATI TEAS)** 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 and on the ATI website 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 Practical Nursing Certificate 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 Practical Nurse Certificate Day Program (Eastern Campus)</p>	<ul style="list-style-type: none"> • Completion of High School Biology Class. • Completion of High School Chemistry Class with Lab. • Completion of two (2) units of High School Math Classes. • Computerized Placement Test (CPT) scores at college-level in mathematics, reading and English. • High School Diploma or High School Equivalency.
<p>Applicants Previously or Currently Enrolled in College Applying for Admission Consideration into the Practical Nurse Certificate Day Program (Eastern Campus)</p>	<ul style="list-style-type: none"> • ATI TEAS exam performance. • Performance in any General Education/Liberal Arts and Sciences courses that are a part of the Practical Nursing curriculum with a grade of C or higher. Grades lower than C will not be considered. • 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. • The admissions rubric used to evaluate student performance can be found at www.sunysuffolk.edu/Nursing. • Admission to the Nursing program is not guaranteed to any applicant, regardless of courses completed or grades received.

PLEASE NOTE: Liberal Arts and Sciences courses may be retaken only once to achieve a higher grade and the highest grade will be used toward degree completion.

PROGRAM START DATES AND APPLICATION DEADLINES		
Program	Start Date	Application Deadline*
Practical Nurse Certificate Day Program (Eastern Campus)	Summer / Fall Semester	January 15
	Spring Semester	August 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 upon enrollment is three (3) years.
- A total of two unsuccessful attempts resulting in a grade of C, D+, D, F, or a W in any PNU course will result in dismissal from the program. The student 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 to view additional information regarding the program.

* *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. Students with prior criminal convictions who are interested in pursuing this program should refer to page 76 for additional information.*

Nursing courses must be taken in the following required course sequence.

FIRST SEMESTER: 10 credits *Credits*
 BIO105: Survey of the Human Body 4
 ENG101: Standard Freshman Composition . . 3
 PSY101: Introduction to Psychology 3

SECOND SEMESTER: 5 credits
 ♦ PNU116: Foundations for Success in Practical Nursing 3
 ♦ PNU119: Pharmacology Safety and Dosage Calculations 2

THIRD SEMESTER: 11 credits
 *♦ PNU120: Fundamentals of Nursing for Practical Nurses 8
 *♦ PNU128: Nursing Care of Adult Clients I 3

FOURTH SEMESTER: 11 credits
 *♦ PNU133: Nursing Care of Adult Clients II 8
 *♦ PNU135: Nursing Care of Maternal-Child Clients 3

MINIMUM 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 276.

OCCUPATIONAL THERAPY ASSISTANT / A.A.S. DEGREE

Grant / OCTA-AAS

HEGIS Code - 5210, CIP Code - 51.0803

The Occupational Therapy Assistant degree 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, Suite 200, Bethesda, MD 20814-3449. ACOTE may be reached by telephone at (301) 652-2682.

Graduates are required to pass the NBCOT Certification Exam prior to acquiring New York State certification and licensure. 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

MINIMUM REQUIREMENTS FOR ADMISSION CONSIDERATION	
<i>Direct from high school</i>	<i>Continuing Student</i>
<ul style="list-style-type: none"> • High school diploma • 80 unweighted high school average • Completion of high school Integrated Algebra or equivalent, laboratory biology, and laboratory chemistry with an 80 average • Provide documentation by the January 15 application deadline of a minimum of 25 hours of observation in a clinical environment where licensed occupation therapy services are rendered 	<ul style="list-style-type: none"> • An average of 3.0 or better between the following courses: <ul style="list-style-type: none"> ▪ ENG101 ▪ BIO130 (MAT007 and CHE100 are prerequisite for BIO130) ▪ PSY101 • Provide documentation by the January 15 application deadline of a minimum of 25 hours of observation in a clinical environment where licensed occupational therapy services are rendered

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 may take into consideration the completion of BIO132 and experience in a health care setting.

In addition to college health requirements, all occupational therapy students, full-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 semester only. The program is competitive. Applications for admission must be received by January 15. Contact the Michael J. Grant Campus Admissions Office for more information.

<p>FIRST SEMESTER: 17 credits</p> <p style="text-align: right; margin-right: 20px;"><i>Credits</i></p> <p>BIO130: Anatomy and Physiology I 4</p> <p>ENG101: Standard Freshman Composition . . 3</p> <p>PSY101: Introduction to Psychology 3</p> <ul style="list-style-type: none"> • OTA100: Seminar for OTA Students 1 • OTA101: Introduction to Occupational Therapy and Lifespan Occupations 3 • OTA102: Clinical Conditions and Terminology 3 <p>SECOND SEMESTER: 17 credits</p> <p>BIO132: Anatomy and Physiology II 4</p> <p>PSY210: Lifespan Development 3</p> <ul style="list-style-type: none"> • OTA118: Occupational Therapy in Pediatric Practice 4 • OTA121: Occupational Therapy in Adult Practice 3 • OTA200: Kinesiology for the OTA Student . . 3 <p>THIRD SEMESTER: 18 credits</p> <p>COM101: Introduction to Human Communication 3</p> <p>ENG121: Technical Writing 3</p> <p>MAT103: Statistics I 3</p> <ul style="list-style-type: none"> • 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
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<p>FOURTH SEMESTER: 12 credits</p> <ul style="list-style-type: none"> • OTA211: Clinical Practice I 6 • OTA212: Clinical Practice II 6 <p>MINIMUM CREDITS REQUIRED: 64</p> <ul style="list-style-type: none"> • These courses constitute the major courses in this curriculum. <p>NOTE: <i>While students will not be prohibited from pursuing the OTA program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete the requirements of the OTA program, attend fieldwork, sit for the NBCOT certification examination or attain state licensure. Students who have concerns about such matters are advised to contact the OTA Program Coordinator who will assist students to contact NBCOT for a full review. Applicants with a felony background who would like to clarify their status with regard to sitting for the NBCOT examination or obtaining state licensure are encouraged to write NBCOT at 800 S. Frederick Avenue, Suite 200, Gaithersburg, MD 20877-4150 or telephone them at (301) 990-7979. Students with prior criminal convictions who are interested in pursuing this program should refer to page 76 for additional information.</i></p>
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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.

Transfer credit may be awarded for legal specialty courses completed at an accredited higher education institution whose Paralegal Studies Program is approved by the American Bar Association. Credit for legal specialty courses successfully completed with a grade of C or higher may be awarded for courses deemed equivalent by the Suffolk County Community College Paralegal Studies Program Director to legal specialty courses offered at Suffolk County Community College. Suffolk County Community College limits the number of legal specialty credits transferred into the degree or certificate program to no more than six credits. In addition, students must complete at least 30 credit hours for the degree or 15 credit hours for the certificate of the required coursework at Suffolk County Community College.

The Paralegal Studies program offers some online legal specialty courses (LAW101, LAW103, LAW213, and LAW251) as approved by the ABA. The offering of online legal specialty courses does not state, imply or constitute an online program or online program option. Students must take at least ten semester credits or the equivalent of legal specialty courses through traditional classroom instruction.

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 score of 1080 (combined score of Evidence-Based Reading and Writing and Math) 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

- * Area Electives (any two courses):
ACC218: Federal Income Taxation
CRJ101: Introduction to Criminal Justice
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.

MINIMUM CREDITS REQUIRED: 64

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.

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.

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's 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.

Transfer credit may be awarded for legal specialty courses completed at an accredited higher education institution whose Paralegal Studies Program is approved by the American Bar Association. Credit for legal specialty courses successfully completed with a grade of C or higher may be awarded for courses deemed equivalent by the Suffolk County Community College Paralegal Studies Program Director to legal specialty courses offered at Suffolk County Community College. Suffolk County Community College limits the number of legal specialty credits transferred into the

continued on next page

For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

degree or certificate program to no more than six credits. In addition, students must complete at least 30 credit hours for the degree or 15 credit hours for the certificate of the required coursework at Suffolk County Community College.

Admission Procedures and Requirements

Students need to have completed a B.A., B.S., A.A. or A.S. degree, or have the above-referenced significant law-related experience and 18 liberal arts credits. Students are admitted on a rolling basis, fall and spring, with most students meeting minimum standards admitted. Students must demonstrate strong reading and writing skills.

FIRST SEMESTER: 18 credits *Credits*

- * ♦ Area Elective (see below) 3
- ♦ LAW101: Introduction to Law 3
- ♦ LAW103: Introduction to Paralegal Studies . . 3
- ♦ LAW111: Business Law I 3
- ♦ LAW240: Legal Research 3
- ♦ LAW246: Estates, Trusts and Wills 3

SECOND SEMESTER: 15 credits

- * ♦ 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

MINIMUM CREDITS REQUIRED: 33

- * Area Electives (any two courses)
 - ACC218: Federal Income Taxation
 - CRJ101: Introduction to Criminal Justice
 - 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.

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

MINIMUM CREDITS REQUIRED: 62.5

- * 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.

PHYSICAL EDUCATION STUDIES / A.S. DEGREE

AMMERMAN / PHED-AS

HEGIS Code - 5299.30, CIP Code - 13.1314

This program will prepare students to transfer to a four-year college or university that offers a Bachelor of Science Degree in Physical Education with the ultimate goal of teaching Physical Education in a K-12 setting. Through the study of human movement, this program will prepare future professionals to promote high quality physical education and physical activity programs for children. It will provide students with a foundational knowledge on the processes through which individuals obtain optimal wellness, physical skill, and fitness. The program is available for full- or part-time enrollment. However, the Physical Education courses must be taken in sequence. All students are encouraged to discuss course selection with the program coordinator.

Admission Procedures and Requirements

Entering students must have a college-level math placement and have completed high school chemistry. Continuing students must have completed MAT007 or equivalent and 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
COM105: Public Speaking	3
ENG101: Standard Freshman Composition	3
♦ PED132: Adventure Fitness	1
♦ PED190: Introduction to Physical Education, Fitness and Sport	3

SECOND SEMESTER: 17 credits

BIO132: Anatomy and Physiology II	4
ENG102: Introduction to Literature	3
HIS103: Foundations of American History or HIS104: Modern American History	3
♦ HSC101: Health Concepts	3
♦ PED201: Methodology of Team Sports	1
PSY101: Introduction to Psychology	3

THIRD SEMESTER: 15 credits

♦ BIO245: Kinesiology	4
♦ HSC111: Human Sexuality	3
♦ PED130: Lifetime Fitness	1
♦ PED155: Introduction to Swimming or PED156: Fitness Swimming	1
♦ PED202: Methodology of Racket Sports	1
♦ PFS205: Fitness Assessment	2
* Restricted Social Science Elective	3

FOURTH SEMESTER: 17 credits

♦ HSC112: First Aid, Safety and CPR	3
MAT103: Statistics I	3
♦ PED191: Aspects of Coaching	3
♦ PED203: Methodology of Lifetime Activities	1
♦ PFS211: Nutrition and Human Performance	3
* Restricted Physical Education Elective	1
SUNY-GER Foreign Language or The Arts	3

MINIMUM CREDITS REQUIRED: 64

* To be selected from SOC101, PSY203, PSY210, or PSY217.

** To be selected from PED133, PED148, PED151, or PED161.

♦ 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 95 for selecting courses. 2) See page 30 for information about transfer agreements.

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 (A.A.S.). 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.

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 in the fall semester only. 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.

continued on next page

For up-to-date information refer to www.sunysuffolk.edu/explore-academics/majors-and-programs.

MINIMUM REQUIREMENTS FOR ADMISSION CONSIDERATION

<i>Direct from high school</i>	<i>Continuing Student</i>
<ul style="list-style-type: none"> • High school diploma • 85 academic average unweighted • 85 in Regents biology and Regents chemistry (exam and course average) or equivalent • 85 in Regents Algebra (exam and course average) or equivalent and completed the high school mathematics sequence through Algebra2/Trig (or equivalent) • ACT score of 21 in Reading and 22 in Math or an SAT score of 560 in Evidence-Based Reading and Writing and 540 in Math 	<ul style="list-style-type: none"> • C+ or higher BIO130* • Minimum GPA 2.5 in BIO130, ENG101, PSY101, and COM (102 or 107) <p style="font-size: small; margin-top: 10px;">*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.</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

MINIMUM CREDITS REQUIRED: 70

All technical (PTA) courses must be taken in the semester scheduled.

- * Prerequisite requirements.
- ** Course must be completed by 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.

NOTE: While students will not be prohibited from pursuing the PTA program, students who have previously been convicted of a felony or misdemeanor are advised that their prior criminal conviction may impede their ability to complete the clinical requirements of the PTA program, sit for the NPTE, and become certified in New York State as a PTA. Students who have concerns about such matters are advised to contact the PTA Program Coordinator. Applicants with criminal convictions who are interested in pursuing the PTA program and state licensure or transfer to a program at another institution leading to professional licensure or certification are encouraged to contact the Office of Professions/State Board of Physical Therapy at www.op.nysed.gov. Students with prior criminal convictions who are interested in pursuing this program should refer to page 76 for additional information.

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. RTV101, RTV102, and RTV111 are open to all students and can be taken as unrestricted electives.

FIRST SEMESTER: 16 credits

Credits

- ♦ CIN117: Digital Filmmaking I 3
- COL101: College Seminar 1
- ENG101: Standard Freshman Composition . . 3
- *♦ RTV101: Introduction to Broadcasting 3
- *♦ RTV111: Radio Production 3
- Unrestricted Elective 3

SECOND SEMESTER: 17 credits

- COM101: Introduction to Human Communication
or COM105: Public Speaking 3
- **♦ RTV102: Issues in Broadcasting 3
- ♦ RTV121: Television Production I 3
- ART/MUS/THR Elective 3
- Laboratory Science Elective 4
- Physical Education 1

THIRD SEMESTER: 16-17 credits

- ♦ RTV122: Television Production II 3
- ♦ RTV125: Broadcast Copy and Script Writing 3
- ***♦ RTV203: Electronic Field Production 4
- Mathematics Elective 3-4
- Social Sciences Elective 3

FOURTH SEMESTER: 15-17 credits

- English Elective 3
- ♦ RTV201: Electronic Media Management 3
- †♦ RTV204: Video Editing
or RTV250: Internship in Video and Sound
or RTV112: Advanced Radio
Production 3-4
- SUNY General Education History Elective . . 3
- Physical Education 1
- Unrestricted Elective 2-3

MINIMUM CREDITS REQUIRED: 64

- * 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.

THEATRE ARTS / A.S. DEGREE

Ammerman / THAC-AS, THGT-AS, THTT-AS HEGIS Code - 5610, CIP Code - 50.0501

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].

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

MINIMUM CREDITS REQUIRED: 61.5

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 Elective 4
- Social Sciences Elective 3
- ♦ THR155: Production Laboratory IV 2
- ♦ THR211: Classical Theatre 3
- Physical Education 1

MINIMUM CREDITS REQUIRED: 63

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: Drafting for the Stage	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

MINIMUM CREDITS REQUIRED: 61.5

* 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. If a second humanities elective is required, it 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*

VETERINARY SCIENCE TECHNOLOGY / A.A.S. DEGREE

Grant / VETSD-AAS

HEGIS Code - 5402, CIP Code - 51.0808

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

Minimum requirements to be considered for admission into the VST Program:	
High School Applicants	<ul style="list-style-type: none"> • High school math and science (biology and chemistry with laboratories) average of 75. • Minimum grade of 70% on both Biology and Chemistry Regents. • Mathematics sequence through Algebra2/Trig or equivalent successfully completed. • Applicants requiring placement testing must place out of all remedial courses. • All requirements for admission should be completed within five years.
College Applicants	<ul style="list-style-type: none"> • Minimum grade of C in each of the prerequisite courses (CHE100, BIO101 and MAT007) • Applicants requiring placement testing must place out of all remedial courses. • All requirements for admission should be completed within ten years.
Deadline for Applications	January 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 achieve a minimum grade of C in all VST courses. Only one repeat of a VST course is permitted. For optimal student performance, students will take courses in the sequences indicated below.

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

MINIMUM 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.

NOTE: *While students will not be prohibited from pursuing the program, students who have previously been convicted of a felony are advised that their prior criminal conviction may impede their ability to complete requirements of the program. Students who have concerns about such matters are advised to contact the program coordinator or academic chair. Please refer to page 76 for additional information.*

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 Seminar1.5
- ♦ 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

MINIMUM CREDITS REQUIRED: 62.5

* 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, ANT211, ECO101, ECO111, ECO112, GEO101, GEO102, GEO103, HIS101, HIS102, HIS103, HIS104, HIS107, HIS118, HIS119, HIS120, HIS201, POL101, POL103, POL105, POL107, PSY101, SOC101, or SOC122.

† 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 95 for selecting courses.* 2) *See page 30 for information about transfer agreements.*



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.

ONLINE EDUCATION

What is online education?

At Suffolk, online education refers to course content, learning activities, interaction and assessments all delivered through Blackboard Learn, a Learning Management System (LMS). A fully online course and/or online degree program is an attractive option for individuals who are self-motivated and possess good time management skills. The online modality offers convenience and flexibility in planning and balancing educational and personal responsibilities.

Types of course modalities offered at Suffolk County Community College:

- **Fully Online courses** are offered entirely online using Blackboard Learn. Engagement, including participation in discussions, activities and assignments and assessments are completed online. Please note, students taking fully online courses and living geographically close to our three campuses are welcomed to come to campus for some student services, if desired.
- **Blended/Hybrid courses** offer a combination of both classroom and online learning. The Blackboard Learn system is utilized for learning activities, participation in discussions, and coursework in addition to classroom participation. Students are expected to complete and participate in both the in-person classroom and online components of the class for successful completion of the course.
- **Web-Enabled courses** are traditional, on-campus courses for which instructors provide additional online materials in Blackboard Learn. All Suffolk courses have the ability to be web enabled.

Who should enroll in fully online or blended/hybrid courses?

Students should enroll in fully online or blended courses only if they are serious about and capable of self-directed and collaborative learning using a learning management system and committed to timely completion of college-level coursework. In a fully online or blended/hybrid course, students will participate in learning activities; engage with their peers, course content and faculty; complete assessments (e.g., essay exams, research papers, etc.); and contribute to their course and program-based learning community. To enroll in an online course, students should have successfully completed any requisite developmental coursework. Those who are apt to succeed as online learners are:

- Highly motivated
- Self-directed
- Active learners
- Possess good reading and writing skills
- Possess good organizational and time management skills
- Possess the discipline to study without external reminders
- Can adapt to new learning environments
- Have access to the internet and a computer

Suffolk County Community College offers Online Education Concierge Service for students who cannot find answers to their online education questions on Suffolk’s website. Students may call 631-451-4804, and questions will either be personally answered or students will be directed to the appropriate Suffolk County Community College Office to acquire the information. Online students also have access to the OpenSUNY help desk for any technology-related concerns.

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 pre-

requisite, 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: Marketing .....	.MKT
Business: Retailing .....	.RET

Engineering Science and Technology Area

Automotive Technology .....	.AUT
Cybersecurity and Information Insurance .....	.CYB
Construction Technology/ Architectural Technology .....	.COT
Drafting .....	.DRF
Electrical Engineering Technology .....	.ELT
Engineering Science .....	.ENS
Fire Protection Technology .....	.FPT
Toyota T-TEN Automotive Service .....	.TYT

Humanities Area*

Chinese .....	.CHI
Cinema Studies .....	.CIN
Communication Studies .....	.COM
Dance .....	.DNC
Digital Media and Animation .....	.DMA
English .....	.ENG
French .....	.FRE
German .....	.GER
Graphic Design .....	.GRD
Humanities .....	.HUM
Interior Design .....	.INT
Italian .....	.ITL
Japanese .....	.JPN
Journalism .....	.ENG
Latin .....	.LAT
Music .....	.MUS
Musical Theatre .....	.MTR
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
Fitness Specialist .....	.PFS
Health Careers .....	.HSC, MED

Health Information Technology /

Medical Records .....	.HIT
Human Services .....	.HUS
Nursing .....	.NUR
Occupational Therapy Assistant .....	.OTA
Physical Education .....	.PED
Physical Therapy Assistant .....	.PTA
Practical Nursing .....	.PNU

Science and Mathematics Area*

Astronomy .....	.AST
Biology .....	.BIO
Chemistry .....	.CHE
Earth Science / Geology .....	.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 .....	.CSE
Criminal Justice .....	.CRJ
Culinary Arts .....	.CUL
Early Childhood / Education .....	.EDU
English as a Second Language .....	.ESL
Heating, Ventilation, Air Conditioning and Refrigeration .....	.HVA
Hotel and Resort Management .....	.HRM
Information Technology .....	.CST
Interdisciplinary Studies* .....	.IND
Law / Paralegal .....	.LAW
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 95-96. 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:

<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, MAT210; PSY225
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, ESC125; 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, HIS225; HSC111; HUS101; POL101, POL103, POL105, POL107, POL109, POL111; PSY101, PSY105, PSY205, PSY212; SOC101, SOC122, SOC201, SOC224
American History	For all Students: HIS103, HIS104, HIS225; POL105 For Students Scoring above 85 on NYS American History Regents: HIS106, HIS205; 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, ENG223, 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	ASL101, ASL105; 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, SPN126, 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

An introduction to accounting concepts for partnerships, corporations, and manufacturing entities. The course focuses on long-term liabilities, financial statement analysis, statement of cash flow, managerial concepts and principles, job order costing, process costing, cost behavior, and cost-value profit analysis. Designed primarily for students anticipating careers in accounting or business or who otherwise require detailed understanding of financial and managerial 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.*

ACC137: COMPUTER ACCOUNTING PRINCIPLES

Introductory course providing students with hands-on use of typical computer application software for accounting. General ledger, accounts receivable, accounts payable, inventory and payroll systems set-up and utilization for service and merchandising business entities will be included. 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 ACC102 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.*

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.*

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.*

Anthropology – Art

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. Fulfills College Seminar requirements for students in Visual Arts - A.S. degree. 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, pre-press and printing. (2 hrs. lecture, 2 hrs. studio) 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 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.*

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) *Offered on: E-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.*

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 studio hrs. each week.) 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: E-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 and 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. laboratory) 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 will be explored. Note: Students are required to have a fully-adjustable DSLR camera, tripod, memory cards, portable hard drive, photo quality ink jet paper and some other supplies. (2 hrs. lecture, 3 hrs. laboratory) No prerequisite. *Offered on: E-G / 3 cr. hrs.*

Art

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 ink jet paper and some other supplies. (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 ink jet 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: 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.

ART163: 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: 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.

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: 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.*

ART204: 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.*

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 hr. lecture, 3 hrs. laboratory) Prerequisite: ART141 or ART146 or permission of Chair/Academic Dean. *Offered on: G / 3 cr. hrs.*

ART244: WEB DESIGN FOR PHOTOGRAPHERS AND VISUAL ARTISTS

Introduces the concepts of website design and development for the photographer 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. (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. (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: ART146 and ART149. *Offered on: E-G / 3 cr. hrs.*

Art

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 ink jet paper and some other supplies. (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 ink jet 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 ink jet 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. 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 Computer Art/Visual Arts 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.

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) Prerequisites: ART244 and ART245. Corequisites: 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 the 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-G / 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.

Astronomy – Automotive Technology

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 TECHNOLOGY

Enrollment in AUT courses is limited to students officially admitted to the program. Students not in an Automotive program interested in taking AUT111 should contact the department.

AUT105: AUTOMOTIVE PORTFOLIO I

The four units of A-Port will provide students the opportunity to build soft skills, prepare for and gain employment as an automotive technician. This course is designed to help students with employment related skills including resume writing, interview skills, job attainment, and certification. The focus of Portfolio I is job preparation and readiness and is designed to prepare the student for the work based learning experience that begins in semester II. Students in the Automotive Service Specialist, A.A.S. degree, must successfully complete all four portfolio classes and one summer co-op experience for a total of 640 hours of total work experience to graduate. (*offered fall semester only*) (1.5 contact hrs.) No prerequisite. *Offered on: A / .5 cr. hr.*

AUT111 - AUTOMOTIVE MAINTENANCE AND LIGHT REPAIR

This course will cover the fundamentals of automotive maintenance and light repair and is designed for students who are preparing for entry into an automotive program of study, preparing for an entry-level position in the automotive service or for those who may simply wish to learn more about their own vehicles. This course covers a broad range of topics related to automotive technology. No prerequisite. *Offered on: A / 3 cr hrs.*

AUT112: INTEGRATED AUTOMOTIVE SYSTEMS

This course is designed to prepare the student for entry into the workforce as an automotive maintenance and light repair technician. The course will cover the theory, inspection and maintenance of vehicle systems and subsystems found on modern automobiles and light trucks. Major topics covered include: Shop safety, tool and equipment identification, component identification and vehicle service procedures. The lab portion of this class focuses on the hands-on skills and competencies required of an entry-level automotive technician. Students will be required to pass a final hands-on skills evaluation that will include performing entry level tasks required by the automotive industry. Students will be required to achieve a 70% or higher on the final skills assessment in order to register for Automotive Portfolio II. (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A / 3 cr. hrs.*

AUT113: AUTOMOTIVE ELECTRICITY AND ELECTRONICS I

Automotive Electricity and Electronics I will explore the operation, diagnosis and repair of vehicle electrical and electronic systems. Major topics include electrical and electronic theory and diagnostic tools and resources. This course will introduce the student to the competencies required to take 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. This is the first of two electrical classes designed to prepare the student for the ASE A6 Electricity and Electronics certification exam. (*offered fall semester only*) (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A / 3 cr. hrs.*

AUT117: AUTOMOTIVE BRAKING SYSTEMS

This course will cover the theory, maintenance, repair, and diagnosis of modern automotive braking systems. Laboratory procedures will include an in-depth study of the removal, disassembly, inspection, rebuilding, overhauling, installation, adjustment and the diagnosis of the automotive brake components and related assemblies. Major topics to include: hydraulic, pneumatic and mechanical, electrical and electronic components of the brakes of an automobile. The use of appropriate service information, tools and equipment will be emphasized. This course provides basic theory and hands-on experiences required for successful completion of the ASE area (A5) Brakes certification exam. (*offered fall semester only*) (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) Prerequisite: AUT112 and AUT113. *Offered on: A / 3 cr. hrs.*

AUT123: STEERING AND SUSPENSION SYSTEMS

This course will cover the theory, maintenance, repair and diagnosis of automotive Steering and Suspension Systems. Laboratory procedures will include hands-on study of above lecture topics. Major topics will include: Wheels, tires, steering and suspension components, and wheel alignment. The use of appropriate service information, tools and equipment will be emphasized. This course provides basic theory and hands-on experience required for successful completion of ASE area A4: Suspension and Steering. (*offered spring semester only*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: AUT112 and AUT113. *Offered on: A / 3 cr. hrs.*

AUT124: AUTOMOTIVE ELECTRICITY AND ELECTRONICS II

Automotive Electricity and Electronics II will explore the diagnosis and repair of advanced level vehicle electrical and electronic systems. Major topics include: Electrical and electronic control devices, test equipment, diagnostic procedures, electrical wiring schematics and electronic service information. This course will continue to 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. Students are expected to register for and attempt the ASE A6 Electricity and Electronics examination at the end of AUT124. (*offered spring semester only*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: AUT112 and AUT113. *Offered on: A / 3 cr. hrs.*

AUT125: AUTOMOTIVE PORTFOLIO II

The four units of A-Port will provide students the opportunity to build soft skills, prepare for and gain employment as an automotive technician. This course is designed to help the student with employment related skills including resume writing, interview skills, job attainment, and certification. The focus of Portfolio II is continued development of job place skills. The work based learning experience will begin in early January before the start of the formal 15 week semester. Students will be required to complete 80 hours of supervised work based learning during this course. Students in the Automotive Service Specialist, A.A.S. degree must successfully complete all four portfolio classes and one summer co-op experience for a total of 640 hours of total work experience to graduate. Registration in each of these courses requires that students purchase liability insurance through the College. Students will be required to achieve a 70% or higher on the final skills assessment in order to register for Automotive Portfolio II. (*offered spring semester only*) (1.5 hrs. practicum) Prerequisite: AUT105, AUT112, and AUT113. *Offered on: A / .5 cr. hr.*

AUT150: AUTOMOTIVE COOPERATIVE

The summer co-op experience will provide the students the opportunity to build on the skills required to be successful in the workplace. This course is designed to reinforce classroom learning through a supervised hands on experience at the worksite. Students will be required to complete 400 hours of co-op time during the summer co-op. Students must successfully complete all four portfolio classes and one summer co-op experience for a total of 640 hours of total work experience to graduate. Registration in each of these courses requires that students purchase liability insurance through the College. (*offered summer semester only*) (3 hrs. practicum) Prerequisite: AUT105, AUT112, and AUT125. *Offered on: A / 2 cr. hrs.*

AUT205: AUTOMOTIVE PORTFOLIO III

The four units of A-Port will provide students the opportunity to build soft skills, prepare for and gain employment as an automotive technician. This course is designed to help the student with employment related skills including resume writing, interview skills, job attainment, and certification. The focus of Portfolio III is continued development of job place skills. Students will be required to complete 80 hours of supervised work based learning during this course. Students in the Automotive Service Specialist, A.A.S. degree must successfully complete all four portfolio classes and one summer co-op experience for a total of 640 hours of total work experience to graduate. Registration in each of these courses requires that students purchase liability insurance through the college. (*offered fall semester only*) (1.5 hrs. practicum) Prerequisite: AUT150. *Offered on: A / .5 cr. hr.*

Automotive Technology

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: AUT112 and AUT113. *Offered on: A / 3 cr. hrs.*

AUT225: AUTOMOTIVE PORTFOLIO IV

The four units of A-Port will provide students the opportunity to build soft skills, prepare for and gain employment as an automotive technician. This course is designed to help the student with employment related skills including resume writing, interview skills, job attainment, and certification. The focus of Portfolio IV is the completion of the automotive portfolio and required work based learning hours. Students will be required to complete 80 hours of supervised work based learning during this course. Students in the Automotive Service Specialist, A.A.S. degree must successfully complete all four portfolio classes and one summer co-op experience for a total of 640 Hours of total work experience to graduate. Registration in each of these courses requires that students purchase liability insurance through the college. (*offered fall semester only*) (1.5 hrs. practicum) Prerequisite: AUT205. *Offered on: A / .5 cr. hr.*

AUT226: FUEL INJECTION AND ENGINE EMISSION SYSTEMS

Combustion by-products contained in gasoline engine exhaust: carbon monoxide, oxides of nitrogen, unburned hydrocarbons, oxygen. Focus on systems used in vehicles to control these emissions. Students learn procedures and accurate specifications necessary to achieve desired vehicle emissions, including driveability diagnosis. Environmental rules and regulations and their impact on automotive repair industry discussed. (*offered fall semester only*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: AUT112, AUT113, and AUT118. *Offered on: A / 3 cr. hrs.*

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) Prerequisite: AUT112, AUT113, 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: AUT125. *Offered on: A / 3 cr. hrs.*

AUT241: MANUAL TRANSMISSIONS AND DRIVETRAIN SYSTEMS

Manual Transmission and Drivetrain will explore the operation, diagnosis and repair of manual transmission I transaxle and drivetrain related concerns. Major topics include transmission removal and overhaul. 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 Engine Repair will be covered in detail. This course is designed to prepare the student for formal 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*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: AUT112 and AUT113. *Offered on: A / 3 cr. hrs.*

AUT243: AUTOMATIC TRANSMISSION AND TRANSAXLE SYSTEMS

This course will cover the theoretical understanding of the principles, maintenance, diagnostics and adjustments required by today's electronically controlled automatic transmissions and transaxles. Laboratory procedures will include an in-depth study of the removal, disassembly, inspection, reassembly, installation, adjustment and the diagnosis of automatic transmissions/transaxle assemblies. Topics to include: hydraulic, pneumatic, mechanical, and electrical/electronic controls of modern automatic transmissions and transaxles. The use of appropriate service information, tools and equipment will be emphasized. This course provides basic theory and experience required for successful completion of ASE area A2: Automatic Transmission/Transaxle. (*offered spring semester only*) (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: AUT112 and AUT113. *Offered on: A / 3 cr. hrs.*

AUT246: AUTOMOTIVE DEALERSHIP STRUCTURE AND FUNCTIONS

Various aspects of service management as typically found in automotive dealership. Topics include theory of service supremacy or other divisional equivalent, federal and state regulation, insurance, purchasing procedures, facility planning, lease and purchase agreements, customer relations, labor relations, and consumer group organizations. (*offered spring semester only*) No prerequisite. *Offered on: A / 3 cr. hrs.*

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: A-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. Notes: (1) Course specifically designed for non-science majors. (2) Fulfills SUNY General Education Requirement for Natural Sciences. (*offered spring semester and sometimes summer semester only*) (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. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT007 or equivalent. *Offered on: E / 4 cr. hrs.*

Biology

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 in a two-semester sequence. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: MAT007 or equivalent and high school chemistry, 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 in 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 or equivalent. Offered on: G / 4 cr. hrs.

BIO150: COLLEGE BIOLOGY I: CELLULAR AND MOLECULAR BIOLOGY

This 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 three-semester sequence designed for science majors. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: High school chemistry in the last three years with B or better, or CHE100 or equivalent; and MAT007 or equivalent. Offered on: A-E-G / 4 cr. hrs.

BIO151: COLLEGE BIOLOGY II: ORGANISMAL BIOLOGY

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. (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. 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 ENV101. 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.

BIO252: 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. (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 and molecular models of inheritance with emphasis on advanced topics related to cellular, organismal and population genetics. 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: BIO150 with minimum grade of C in the past 3 years. 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) (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: BIO151 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: BIO151 or permission of Chair/Academic Dean. Offered on: A-E-G / 4 cr. hrs.

BIO274: PLANT BIOLOGY AND PLANT DIVERSITY

An introduction to the study of the plant kingdom including the origin and evolution of land plants. Topics include cellular structure and function, in depth plant anatomy and plant physiology emphasizing hormonal systems involved in growth, development, fructification and senescence. The course covers all major groups of plants concentrating on flowering plants including an in depth study of floral biology, angiosperm reproduction and angiosperm taxonomy. This course also covers an overview of plant ecology, major uses of plants and major issues in plant conservation. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: BIO151. Offered on: A-E-G / 4 cr.

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: 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.

Business Administration: Management

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. 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 at least 45 credits in the Business Administration A.S. degree curriculum, 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 the Business Administration A.A.S. degree 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 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 of 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, 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. 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 place of the salesperson in our competitive economy, developing a sales-winning personality, and the 'selling cycle' from prospecting through closing the sale. Films and practice sales presentations by students are included. No prerequisite. 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. 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 online catalog for a complete listing. Offered on: A-E-G / 3-4 cr. hrs.

Business Administration: Retail – Chemical Dependency

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 STORE OPERATIONS AND ADMINISTRATION

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 is open to all students and can be taken as an unrestricted elective. Enrollment in all other CDC courses is limited to students officially admitted to the program.

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.

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 (HIPAA and 42 CFR 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

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. Note: Registration in this course requires that students contact the program coordinator in the semester prior to enrollment in the course to obtain permission and vital information. Registrants must: 1. Purchase liability insurance through the College; 2. File a Physician's Certificate; 3. Complete other requirements prior to the beginning of class. Please contact the program coordinator for additional 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 as well as a required course for Dietetic Technician majors. CHE100 is also required for prospective allied health majors who do not meet the prerequisite for BIO130: Anatomy and Physiology I. Topics include atomic structure, bonding, chemical equations, changes in energy, gas laws, acid-base chemistry, solutions, and chemical equilibria. Laboratory techniques are introduced and followed by experiments which illustrate basic principles presented in lecture. 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.

Chemistry

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. Note: (1) Fulfills SUNY General Education Requirement for Natural Sciences. (2) Restricted to VST students in the fall only and alternative summer semesters. (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.

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 Language Placement Guidelines" chart on page 235 for 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. 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. 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. 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. 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 post-production 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. Prerequisite: ENG101. Offered on: A-G / 3 cr. hrs.

Cinema Studies – Communication Studies

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

See page 98 for list of courses that meet the college seminar requirements.

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 course 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 online catalog for a complete listing. *Offered on: A-E-G / 1-3 cr. hrs.*

COMMUNICATION STUDIES

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.*

COM114: COMMUNICATION IN THE DIGITAL AGE

This course explores the history, social effects and possible future implications of digital communication. Topics include the formation of new communicative behaviors and actions, advantages and challenges of the new mode, and practical knowledge and skills for conducting digital communication. No prerequisite. *Offered on: A-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.*

**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

**CSE110: COMPUTER SCIENCE COLLEGE
SEMINAR**

Methods and techniques students can adopt to promote their perseverance and success at the College in general and in the Computer Science and Information Technology fields in particular. Specific topics include college procedures and resources, academic advisement, time management, goal-setting, test and note taking, health issues and other areas related to student success in a computer related fields in college. Students are expected to enroll in this class in their first semester. No prerequisites. *Offered on: A / 1 cr. hr.*

**CSE118: FUNDAMENTALS OF
PROGRAMMING**

An introductory programming course for the Computer Science major. Topics include basic computer and programming concepts such as hardware, software, numbering systems, identifiers, variables, constants, data types, and operations, standard input and output, selections, loops, functions and methods, single and multidimensional arrays, and objects and classes. The course consists of 100-minute face-to-face lecture and 100-minute instructor-led lab each week for 15 weeks. Weekly homework programming projects and a final project of at least 100 lines of source code are expected. (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: MAT111 or higher. Corequisite: MAT124 or higher. *Offered on: A / 3 cr. hrs.*

CSE148: OBJECT-ORIENTED PROGRAMMING

An intermediate programming course for the Computer Science major. Topics include class abstraction and encapsulation, inheritance and polymorphism, exception handling and text IO, abstract classes and interfaces, graphical user interface, event-driven programming, binary I/O, and recursion. The course consists of 200-minute face-to-face lecture with some instructor-led lab practice each week. Weekly programming homework projects and a final project of at least 500 lines of source code are required. Prerequisites: MAT124 or higher, CSE118 with a C or higher. *Offered on: A / 4 cr. hrs.*

**CSE218: DATA STRUCTURES AND
ALGORITHMS**

An extension of programming methodology to cover data storage and manipulation on complex data sets. Topics include: programming and applications of data structures; stacks, queues, lists, binary trees, heaps, priority queues, balanced trees and graphs. Recursive programming is heavily utilized. Fundamental sorting and searching algorithms are examined along with informal efficiency comparisons. Students expected to be proficient with a professional IDE for coding and debugging. The course consists of 100-minute face-to-face lecture and 100-minute instructor-led lab each week. (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: CSE148 with a C or higher. *Offered on: A / 3 cr. hrs.*

**CSE222: COMPUTER ARCHITECTURE AND
ORGANIZATION**

This course covers fundamentals of computer architecture and organization. Topics include classical von Neumann machine, major functional units, primary memory, representations of numerical (integer and floating point) and non-numerical data, CPU architecture, instruction encoding, fetch, decode, and execute cycle, instruction formats, addressing modes, symbolic assembler, assembly language programming, handling of subprogram calls at assembly level, mapping between high-level language patterns and assembly / machine language, interrupts and I/O operations, virtual memory management, and data access from a magnetic disk. A number of other programming topics such as C programming language constructs (control and data structures, pointers, arrays and functions) and their relationship to the underlying architecture are introduced. Instructor-led laboratory work involves programming and debugging using machine language, assembly language and C. (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: CSE148 with a C or higher. *Offered on: A / 3 cr. hrs.*

**CSE248: ADVANCED OBJECT-ORIENTED
PROGRAMMING**

Development of the basic concepts and techniques learned in CSE148 and CSE218 into practical programming skills that include a systematic approach to program design, coding, testing, and debugging. Application of these skills to the construction of robust programs of 1000 to 2000 lines of source code. Use of programming environments and tools to aid in the software development process. The course consists of 100-minute face-to-face lecture and 100-minute instructor-led lab each week. (2 hrs. lecture, 2 hrs. laboratory) Prerequisite: CSE218 with a C or higher. *Offered on: A / 3 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)* 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 the 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.*

Criminal Justice

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.*

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.*

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.*

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.*

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.*

CUL105: CULINARY FUNDAMENTALS AND SANITATION

Food safety and sanitation are the foundations of all professional cooking. In this course, students learn professional standards and emerging issues related to safe food production. Sanitation lectures focus on issues of contamination and foodborne illness, establishing food safety system, the HACCP food safety system, cleaning and sanitizing, accident prevention, sanitation regulations and food protection. Lab time allows students to apply these concepts as they begin their career in a professional kitchen by learning foundational techniques of converting and applying recipes in culinary and baking applications. Students are exposed to cooking methods used for basic soups, stocks, sauces, meats, vegetables, and grains; basic baking methods include quick breads, yeast breads, doughs and pies. Students are required to pass the Suffolk County Food Manager's Certificate or the National Restaurant Association ServSafe Food Manager's Certification. No prerequisite. *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 MAT009 or equivalent; MAT009 recommended. *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.*

Culinary Arts

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. (2 hrs. lecture, 4 hrs. laboratory) Prerequisite: MAT001 or placement. Prerequisite or corequisite: CUL105. *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. (2 hrs. lecture, 4 hrs. laboratory) Prerequisite: MAT001 or placement. Prerequisite or corequisite: CUL105. *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. Prerequisite: RDG098. *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.*

CUL215: CULTURE AND CUISINE

Presents the development of cuisine in a variety of cultural contexts, and explores the influences that regional differences in climate, history, and cultural expectations have on seasonings, ingredients, and preparation methods typical to an area. Exposes students to the preparation of meats, vegetables, a variety of typical dishes, and service styles for regional American, classical French, Mediterranean, and Asian cuisines. Hands-on course includes recipe production, menu review, and cultural terminology. Through recipe production, class discussions and lectures, students gain working knowledge of multicultural influences on food ways from around the world. (2 hrs. lecture, 4 hrs. laboratory) Prerequisite: CUL105 and CUL114. *Offered on: E / 4 cr. hrs.*

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: MAT001 or placement. Prerequisite or corequisite: CUL105, CUL115. *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, souffles, tarts, gateaux, and pastries. (2 hrs. lecture, 4 hrs. laboratory) Prerequisite: CUL115. Prerequisite or corequisite: CUL217, CUL241. *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. (2 hrs. lecture, 4 hrs. laboratory) Prerequisite or corequisite: CUL115. Prerequisite or corequisite: CUL217, CUL241. *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 sausage or charcuterie. (6 hrs. laboratory) Prerequisite: CUL105, CUL114. Prerequisite or corequisite: CUL215. *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 seminars and maintain journal. Taken during summer semester after completion of first and second semester program requirements. Registration in this course requires that students purchase liability insurance through the College. Prerequisites: CUL105, CUL114. Prerequisite or corequisite CUL215. *Offered on: E / 4 cr. hrs.*

**CUL241: BAKING AND PASTRY INTERNSHIP/
COOPERATIVE EDUCATION**

Supervised on-the-job training in Baker's Workshop, an establishment representative of hospitality industry. Students work a minimum of 200 hours in their placement, attend regular instruction sessions and maintain a production log. Taken during spring, summer session or fall semester after completion of program prerequisites; registration to be approved by Advisor based on space availability. Registration in this course requires that students purchase liability insurance through the College. Prerequisite: CUL105. Prerequisite or corequisite: 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: COM101, CUL112, CUL113, CUL114, CUL116, CUL120, CUL132 and CUL215 or COM101, CUL112, CUL113, CUL115, CUL116, CUL120, CUL132 and CUL217. *Offered on: E / 2 cr. hrs.*

CUL295: SPECIAL TOPICS: CULINARY ARTS

Special and current topics in culinary arts may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

CYBERSECURITY

Enrollment of CYB courses is limited to students officially admitted to the Cybersecurity and Information Assurance program. Students in Information Technology: Network Design and Administration may enroll in CYB111 and CYB121.

**CYB101: COLLEGE SEMINAR FOR
CYBERSECURITY**

Freshman Seminar for Cybersecurity Technology majors introduces first semester students to the college experience and cybersecurity program at SCCC. Students will gain skills that increase their level of preparedness and success in the college setting. Topics include academic advisement, time management, study skills, library research, and campus resources. In addition, the course will cover topics relevant to the major, such as professionalism, ethics, electricity and power fundamentals, and safety skills related to cybersecurity. No prerequisite. *Offered on: A / 1 cr. hr.*

**CYB111: CCNA INTRODUCTION TO
NETWORKS**

The Cisco CCNA® Routing and Switching curriculum provides a comprehensive overview of networking; from fundamentals to advanced applications and services. This course emphasizes theoretical concepts and practical application, while providing opportunities for students to gain the skills and hands-on experience needed to design, install, operate, and maintain networks in small-to-medium businesses, as well as enterprise and service provider environments. Upon completion of this course, the student will have completed the first of two courses that prepare students to take the ICND1 Certification Exam at a certified testing center. (2 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A / 3 cr. hrs.*

CYB112: SCRIPT PROGRAMMING

This course provides an introduction to the script programming paradigm, and introduces and compares a range of scripting languages used for Windows, Unix and web-based applications. This course introduces the principles of scripting, covers few selected scripting languages in depth, and illustrates the advanced use of scripting by extensive case studies in application areas such as system administration, web application development, graphical user interface development, and text processing. No prerequisite. *Offered on: A / 3 cr. hrs.*

Cybersecurity

CYB115: CLIENT OPERATING SYSTEMS

Client Operating Systems provides an introduction to the features, functions and configurations of user-based computers (clients) to familiarize the students with cybersecurity protection systems. The Windows and Linux operating systems are highlighted during hands-on labs to configure and troubleshoot network connections, anti-virus applications, firewalls, intrusion detection systems and operating system management. This course presents foundational material that is used within other courses of the cybersecurity program. (3 hrs. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A / 4 cr. hrs.*

CYB121: CCNA ROUTING AND SWITCHING ESSENTIALS

The Cisco CCNA® Routing and Switching curriculum provides a comprehensive overview of networking; from fundamentals to advanced applications and services. The Routing and Switching Essentials component describes the architecture, components, and operations of routers and switches in simple networks. Students learn how to configure and troubleshoot routers and switches for basic functionality. Upon completion of this course, the student will have completed the second of two courses that prepare students to take the ICND1 Certification Exam at a certified testing center. Prerequisite: CYB111. *Offered on: A / 3 cr. hrs.*

CYB125: CYBERSECURITY FUNDAMENTALS

Cybersecurity Fundamentals provides a comprehensive overview of basic cybersecurity issues within client and server environment. Students comprehend /demonstrate the importance of client, server, firewall security and learn how to investigate/secure against cyber threats and vulnerabilities. Utilize various tools to investigate/secure firewalls, IPS systems and enterprise network through remote diagnostics, investigation/forensic tools. Learn to install, configure and monitor cybersecurity principles to secure an enterprise network. Prerequisite: CYB111. *Offered on: A / 3 cr. hrs.*

CYB126: INTRANETWORKING AND INFRASTRUCTURE

Introduces the hardware and software tools necessary to understand, deploy, and maintain an SMB-to-enterprise network infrastructure, covering devices such as servers, routers, switches, and intrusion prevention systems. The course emphasizes how to allocate network services within the infrastructure. Configure and manage Access, Authorization and Accounting: IOS, AD, RADIUS, TACACS+. Students acquire a greater breadth of network systems and software implementation from multiple manufacturers and the best practices for deploying, managing and monitoring a network. (2 hrs. lecture, 2 hrs. laboratory) Prerequisites: CYB111 and CYB115. *Offered on: A / 3 cr. hrs.*

CYB231: CCNA SCALING NETWORKS AND ENERGY MANAGEMENT

The Cisco CCNA® Routing and Switching curriculum provides a comprehensive overview of networking; from fundamentals to advanced applications and services. The Scaling Networks component describes the architecture, components, and operations of routers and switches in larger and more complex networks. Students learn how to configure routers and switches for advanced functionality. By the end of this course, students will be able to configure and troubleshoot routers and switches and resolve common issues with OSPF, EIGRP, and STP in both IPv4 and IPv6 networks. Students will also develop the knowledge and skills needed to implement a WLAN in a small-to-medium network. Prerequisites: CYB121. Corequisite: CYB232. *Offered on: A / 3 cr. hrs.*

CYB232: CCNA CONNECTING NETWORKS

The Cisco CCNA' Routing and Switching curriculum provides a comprehensive overview of networking; from fundamentals to advanced applications and services. The Connecting Networks component discusses the WAN technologies and network services required by converged applications in a complex network. The course enables students to understand the selection criteria of network devices and WAN technologies to meet network requirements. Students learn how to configure and troubleshoot network devices and resolve common issues with data link protocols. Students will also develop the knowledge and skills needed to implement virtual private network (VPN) operations in a complex network. Prerequisite: CYB121. Corequisite: CYB231. *Offered on: A / 3 cr. hrs.*

CYB233: CCNA SECURITY

This course provides an introduction to the core security concepts and skills needed for the installation, monitoring, and troubleshooting of network security features to maintain the integrity, confidentiality, and availability of data and devices. Various types of hands-on labs provide practical experience, including procedural and troubleshooting labs, skills integration challenges, and model building. In addition to learning the fundamentals of designing, building, and operating secure networks, students also develop problem solving, critical thinking, collaboration, team work, negotiation, and entrepreneurship workplace skills. Upon completion of this course, the student will be prepared to take the CCNA Security Certification Exam at a certified testing center. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: CYB121. Corequisites: CYB231 and CYB232. *Offered on: A / 4 cr. hrs.*

CYB241: CCNA VOICE AND MULTIMEDIA SECURITY

This course introduces the architecture, components, functionalities, and features of Cisco Unified Voice and Multimedia Communications solutions and describes how daily job tasks, such as system monitoring, moves, adds, and changes are performed on Unified Communications Manager, Unified Communications Manager Express, Unity Connection, and Unified Presence. The student develops skills in VoIP technologies such as IP PBX, IP telephony, handset, call control, and voicemail solutions. This course prepares the student for the CCNA Voice certification which confirms that an individual has the required skill set for specialized job roles in voice technologies including Voice Administrator, Voice Engineer, and Voice Manager. (2 hrs. lecture, 2 hrs. laboratory) Prerequisites: CYB231, CYB232 and CYB233. *Offered on: A / 3 cr. hrs.*

CYB242: INFORMATION SECURITY CAPSTONE

This capstone course provides a review of methods for identifying network vulnerabilities, implementing network defense and exploring network forensics. Students have opportunities to implement a layered defense on a practical network, including using tools to analyze the vulnerabilities of a network. Additionally, students will research products that could serve as countermeasures against potential attacks, implement security features of the network's operating systems and develop alternate solutions based upon cost and level of security required. The course also provides students with the practical skills necessary to enhance their network security background and prepare for Professional Security Certification(s). (1 hr. lecture, 4 hrs. laboratory) Prerequisite: CYB233. *Offered on: A / 3 cr. hrs.*

CYB260: CCNA HEALTH INFORMATION NETWORKING SECURITY

The course aims to develop an in-depth understanding of the knowledge and skills that information and communications technology (ICT) professionals need to specialize in health care network implementations. Health care systems and regulations vary by country and region. Various types of hands-on labs help students gain practical experience, including procedural and troubleshooting labs, skills integration challenges, and model building. This course provides an introduction to information technology and networking in the health care industry and equips students with the knowledge and skills needed to design and support networks in a health care environment. In addition, this course, employs industry-relevant instructional approaches to help students prepare for entry-level health care ICT and networking jobs. Prerequisite: CYB233 or demonstrate equivalent networking knowledge and experience; basic PC and internet navigation skills. *Offered on: A / 3 cr. hrs.*

CYB280: CYBERSECURITY INTERNSHIP

This course supports the competency-based Cybersecurity program. It requires the field work in cybersecurity. Student obligations agreed upon in an internship contract. Supervising faculty hold periodic meetings with student interns and their supervisors to evaluate intern performance. In addition to eight to ten hours per week of field work, students attend a 50-minute weekly seminar. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisite: Completion of 16 CYB credits. *Offered on: A / 3 cr. hr.*

DANCE**DNC101: DANCE IN POPULAR CULTURE**

Students will explore and perform the fundamentals of styles including modern, folk, jazz, hip hop, ballet, and contemporary. The course will allow students to build a foundation in dance movement while studying influential pieces of choreography. The course will culminate in a final public performance. Note: Fulfills SUNY General Education Requirement for The Arts. No prerequisite. *Offered on: G / 3 cr. hrs.*

DNC105: BROADWAY DANCE

This class is designed to teach the fundamentals of dance and movement techniques developed for the Broadway musical stage. Students will learn and create dances from the 20th and 21st century Broadway canon, while investigating the dance theories of master choreographers including Martha Graham, Bob Fosse, Bill T. Jones, Graciela Daniele, and Jerome Robbins. The class will culminate in a final class performance and public dance program. Note: Fulfills SUNY General Education Requirement for The Arts. No prerequisite. *Offered on: G / 3 cr. hrs.*

DNC195: SPECIAL TOPICS: DANCE

Special and current topics in Dance may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

DNC295: SPECIAL TOPICS: DANCE

Special and current topics in Dance may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

DIETETIC TECHNICIAN

DTE101 is open to all students and can be taken as an unrestricted elective. Enrollment in all other DTE courses is limited to students officially admitted to the Dietetic Technician program.

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*) Prerequisite: MAT007 or equivalent. Corequisite: DTE103. Minimum grade of C required to advance to next course in DTE sequence. (3 hrs. lecture, 4 hrs. laboratory) *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 dietetics practice, and 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. field work) 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.*

DIGITAL MEDIA AND ANIMATION

DMA101: INTRODUCTION TO DIGITAL MEDIA

Introduction to fundamental design principles and concepts related to the production of digital media. Explores composition, static and moving screen design, and planning techniques. Students will learn the production process and acquire the necessary skills to produce a finished digital story. Emphasis is on the use of Photoshop, digital photography, digital video, non-linear editing, and audio for output to a digital medium. (*offered fall semester only*) (1 hr. lecture, 3 hrs. studio each week) No prerequisite, Minimum Grade of C Required to Advance to Next Level Classes. *Offered on: E / 3 cr. hrs.*

DMA102: 3D ANIMATION I

This course introduces fundamental 3D theories and principles of digital modeling and animation. Utilizing modern professional 3D software, students will develop skills in modeling, lighting, shading, texturing, rendering, and basic animation. Emphasis will be on the 3D animation production process. (*offered spring semester only*) (1 hr. lecture, 3 hrs. studio each week) Prerequisite: C or better in DMA101. *Offered on: E / 3 cr. hrs.*

DMA201: 3D ANIMATION II

Based on knowledge acquired in DMA102: 3D Animation I, students learn advanced applications of 3D software in imaging, modeling, scene building, and development of complex animation sequences. Students will be introduced to and implement the principles of 3D character creation and animation, as well as advanced techniques in 3D digital lighting and camera animation. (*offered fall semester only*) (1 hr. lecture, 4 hrs. studio each week) Prerequisite: C or better in DMA102. *Offered on: E / 3 cr. hrs.*

DMA202: 3D ANIMATION III

This course incorporates processes and skills previously learned in animation classes. With a combination of individual and team projects students will develop a completed 3D animation project utilizing storyboarding, digital character development, production and postproduction techniques using digital animation, non-linear editing and digital audio software and hardware. (*offered spring semester only*) (1 hr. lecture, 4 hrs. studio each week) Prerequisite: C or better in DMA201. *Offered on: E / 3 cr. hrs.*

DMA203: INTERACTIVE MEDIA I

Focusing on the use of technology as a tool for the production of cartoon-style animation for use in multiple industries including mobile, web, television and film. Emphasis will be on computer software's tools and interactivity concepts, including drawing, image, text, storytelling for animation, creativity, experimentation, and critical thinking in the development of digital animations and interactive media. (*offered fall semester only*) (1 hr. lecture, 4 hrs. studio each week) Prerequisites: C or better in DMA101 Required to Advance to Next Level Class. *Offered on: E / 3 cr. hrs.*

DMA204: INTERACTIVE MEDIA II

This course explores the world of communication through interactive media and interface design. Students will explore production concepts and techniques to design, develop and evaluate dynamic graphical user interfaces for web sites, interactive media and multimedia authoring across multiple devices. Students will develop competency with several key technologies used in interactive development providing them with the skills and principles needed to make effective use of these technologies. (*offered spring semester only*) (1 hr. lecture, 4 hrs. studio each week) Prerequisites: C or better in DMA203. *Offered on: E / 3 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. (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. (3 hrs. lecture, 2 hrs. laboratory) Prerequisite: DRF112 and COT114. *Offered on: A / 3 cr. hrs.*

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-E-G / 3-4 cr. hrs.*

EDUCATION/EARLY CHILDHOOD

EDU101, EDU102, EDU103, and EDU113 are open to all students and can be taken as an unrestricted elective. Enrollment in EDU211 and EDU221 is limited to students officially admitted to Early Childhood A.S. or A.A.S. programs.

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 SCIENCE/GEOLOGY

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.*

ESC125: PLANETARY GEOLOGY

This course will focus on the geology and geological history of the terrestrial planets, planetary satellites and minor bodies of the solar system as revealed by the most recent planetary missions. Topics will include the origin of terrestrial bodies, the internal structure of terrestrial planets, planetary tectonics and volcanism, and surface processes such as meteorite impacts and weathering. Note: Fulfills SUNY General Education Requirement for Natural Sciences. Prerequisite: MAT007 or equivalent. *Offered on: A / 3 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

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

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 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.*

Electrical Technology

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.*

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 PERSONAL 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.*

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. (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 online catalog for a complete listing. *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 MECHANICS: STATICS

Application of Newtonian mechanics to equilibrium of particles and rigid bodies, vector representation of forces in two and three dimensions, moment of a force about a point or axis; centroids and moment of inertia, laws of dry friction, and force analysis of simple structures. 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 Kirchhoff'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-E-G / 3-4 cr. hrs.*

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 another English course.

Course Selection after the First Semester

1. Students initially taking ENG009 should take ENG010 or ENG012 as their next course.
2. Students initially taking ENG010 should take ENG101 as their next course.
3. Students taking ENG012 must take ENG101 as a corequisite.
4. For courses after ENG101, students should follow the degree requirements of their curriculum (as listed in the College Catalog.)

English

5. 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)
ENG012	Emerging Writers Workshop (Developmental)
ENG101	Standard Freshman Composition
ENG102	Introduction to Literature
ENG121	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. Students in A.A. degree programs are required to take ENG101 and ENG102.
2. Students in A.S. and A.A.S. degree programs are required to take ENG101 and at least an additional three credits of English.
3. ENG009, ENG010, and ENG012 do not fulfill degree or certificate requirements.
4. 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-R-U-W 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-R-U-W basis. Not applicable toward any degree or certificate. Prerequisite: ENG009 or placement. *Offered on: A-E-G / 3 cr. hrs.*

ENG012: EMERGING WRITERS WORKSHOP

This course is for those students interested in fulfilling the requirements of ENG010 and ENG101 in one semester. Students will focus on exploring a variety of written genres while learning to engage with the writing process in order to rework or reimagine the development of ideas. The course also introduces students to writing skills that include but are not limited to prewriting, drafting, editing, proofreading, reading comprehension, reflection, and analysis in so far as these skills relate to essays written in the ENG101 class. This class is taken in conjunction with ENG101, and students must pass ENG012: Emerging Writers Workshop in order to receive a passing grade in ENG101. Graded on an S-R-U-W basis. Not applicable toward any degree or certificate. Prerequisite: ENG009 and RDG098, or placement in ENG010 and placement in RDG099. Corequisite: ENG101. *Offered on: A / 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 placement, or corequisite of ENG012. *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 periods. 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 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.

English

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.*

ENG195: SPECIAL TOPICS: ENGLISH AND JOURNALISM

Special and current topics in English may be available. See "Class Schedule Search" for a complete listing each term.

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. 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 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 Valdez (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.*

ENG223: THE ART OF HUMOR

The Art of Humor introduces students to different modes of humor and to the themes and techniques of the masters of humor writing. The course provides a theoretical framework for investigating the ethics of humor, including why humor is produced and consumed and what our laughter reveals about us. Note: Fulfills SUNY General Education Requirement for Humanities. Prerequisite: ENG101. *Offered on: 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.*

English — English as a Second Language

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.

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 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. 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: MAT007 or equivalent. *Offered on: A-E-G / 4 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. 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. 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. 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. 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. 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. 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. No prerequisite. *Offered on: A / 3 cr. hrs.*

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. 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. 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. Prerequisite: FPT171. Offered on: A / 3 cr. hrs.

FITNESS SPECIALIST

Note: Enrollment in PFS courses is limited to students officially admitted to the Fitness Specialist program. Students outside the program who meet the pre- and corequisites may be admitted to individual courses by the department when seats are available. In such case, these courses fulfill their unrestricted electives. PFS special topics courses are open to all students and can be used as unrestricted electives, subject to minimum credit requirements.

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-E-G / 3-4 cr. hrs.

FOREIGN LANGUAGE

See listings for individual languages: Chinese (p. 211), French (p. 235), German (p. 236), Italian (p. 248), Japanese (p. 249), Latin (p. 250), Spanish (p. 282).

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. 235 for 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. Notes: (1) This course is for students with little or no knowledge of French. More advanced students should see Chair / Academic Dean. (2) 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. 235 for 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. Notes: (1) This course is for students with little or no knowledge of German. It is not appropriate for native/fluent speakers of German for whom GER201 is recommended. More advanced students should see Chair/Academic Dean. (2) Fulfills SUNY General Education Requirement for Foreign Language. 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. 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: GRAPHIC DESIGN I

Introduces principles and elements of graphic design with learning to research, create thumbnails, refine sketches, and work up visual solutions to production projects. Students focus on the details of page composition and the relationship of space to clarity, legibility and aesthetics. (*offered fall semester only*) (1 hr. lecture, 4 hrs. studio) Corequisite: GRD102. *Offered on: E / 3 cr. hrs.*

GRD102: GRAPHIC DESIGN TECHNOLOGY

Introduces technical execution of concepts in digital page production and vector graphics, including raster image and device resolution, translating physical to digital media, file types, and file management. Emphasis will be on using software to solve problems related to GRD101 projects. (*offered fall semester only*) (2 hrs. lecture, 2 hrs. studio) Corequisites: GRD101. *Offered on: E / 3 cr. hrs.*

For up-to-date information refer to www.sunysuffolk.edu/explore-academics/courses.

GRD103: TYPOGRAPHY I

Examines typographic design and use of basic letter forms, contrast, hierarchy of information, type styles, families and characteristics, color theory, and grids. Production techniques examined using vector and page layout software. (*offered spring semester only*) (1 hr. lecture, 4 hrs. studio) Prerequisites: GRD101 and GRD102 with a grade of C or better. *Offered on: E / 3 cr. hrs.*

GRD105: DIGITAL DESIGN COLLEGE SEMINAR

Introduces first-semester Digital Media and Animation and Graphic Design students with college survival skills for two distinctive degree programs. No prerequisite. *Offered on: E / 1 cr. hr.*

GRD203: WEB DESIGN I

Introduces design concepts for effective web design projects based on graphic design principles, brand identity, interactivity and usability. Emphasis is on the application of artistic concepts and formal design attributes of web design. (*offered spring semester only*) (1 hr. lecture, 4 hrs. studio) Prerequisite: GRD211 with a grade of C or better. Corequisite: GRD212. *Offered on: E / 3 cr. hrs.*

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: ENG 101. *Offered on: E / 3 cr. hrs.*

GRD211: GRAPHIC DESIGN II

Emphasis on creative theme development of strong concepts to communicate persuasively, effectively integrating color, type and image in multi-faceted projects. (*offered fall semester only*) (1 hr. lecture, 4 hrs. studio) Prerequisites: ART130 and GRD103 with a grade of C or better. *Offered on: E / 3 cr. hrs.*

GRD212: PUBLICATION DESIGN

Emphasizes visual problem-solving and processing from research to pre-press to final production of print and digital publications. (*offered spring semester only*) (1 hr. lecture, 4 hrs. studio) Prerequisites: GRD211 with a grade of C or better. *Offered on: E / 3 cr. hrs.*

GRD295: SPECIAL TOPICS: GRAPHIC DESIGN

Special and current topics in graphic design may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 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. Credit given for either PSY247 or HSC111 but not both. Note: 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. (3 hrs. lecture) No prerequisite. *Offered on: A-E-G / 3 cr. hrs.*

Health Careers – Health Information Technology/Medical Records

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. (5 hrs. lecture, 5 hrs. laboratory, 24 hrs. clinical rotation) Notes: (1) The student must be at least 18 years of age prior to the last day of the month in which the course is scheduled to take the New York State Written Certification Examination. (2) All evening HSC126 sections require one full day SATURDAY CLASS, all summer HSC126 sections may require full FRIDAY CLASSES. 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

Enrollment in HIT courses is limited to students officially admitted to the Health Information Technology/Medical Records program.

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 INFO TECHNOLOGY

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 student's 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. Uses meters, gauges, computer software and other diagnostic instruments to effectively and accurately identify system problems. *(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) Prerequisites: 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. (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.*

Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R) – History

HVA260: HVAC/R INTERNSHIP/COOPERATIVE EDUCATION

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. Prerequisite: Completion of minimum of 24 credit hours in HVA courses and minimum grade point average of 2.5, or written permission from the Cooperative Education Coordinator and Chair/Academic Dean. *Offered on: G / 3 cr. hrs.*

HISTORY

HIS101: WESTERN CIVILIZATION I

Survey 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

Survey 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. 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.*

HIS104: MODERN AMERICAN HISTORY

Survey 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.*

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

Survey of 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.*

HIS205: WOMEN IN U.S. HISTORY

An analysis of the history of American women from the colonial period to the present. Special emphasis is placed on the following topics: patterns of women's paid and unpaid work, the interrelated issues of race and class and power, the Cult of Domesticity, sexuality, the origin and development of feminism from the nineteenth-century to the present, and the use of gender as an analytical tool. Note: Fulfills SUNY General Education Requirement for American History. No prerequisite. *Offered on: A-E / 3 cr. hrs.*

HIS225: THE PAST IN PICTURES: U.S. HISTORY THROUGH FILM

This course examines key events in U.S. history by comparing and contrasting historical representations in feature films and historical texts. Students will learn how movies interpret the past and simultaneously reflect the cultural and social conflicts of the times in which they were made. The events examined may include the Civil War and Reconstruction; Native Americans and the West; the U.S. labor movement; World War II and the Cold War. Note: Fulfills SUNY General Education Requirement for Social Sciences and American History. (3 hrs. lecture) Prerequisite: Any 100 level HIS survey course including HIS101, HIS102, HIS103, or HIS104. *Offered on: 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*) Prerequisite: RDG098. *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. Prerequisite: RDG098. *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. Prerequisite or corequisite: 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: HRM105 and HRM120. *Offered on: E / 3 cr. hrs.*

Hotel and Resort Management – Humanities

HRM240: HOTEL AND RESORT MANAGEMENT INTERNSHIP/COOPERATIVE EDUCATION

Supervised on-the-job training in an establishment representative of the hospitality industry. Students work 200 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. Prerequisite: CUL132, HRM105 and HRM210. Offered on: E / 4 cr. hrs.

HRM250: HOSPITALITY CAPSTONE COURSE

The student will be required to develop a lodging business as a faculty-supervised project. The project will include a breakfast 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. Prerequisite: COM101, CUL112, CUL113, CUL116, CUL132, HRM105, HRM120, HRM205, HRM210 and HRM240. Offered on: E / 2 cr. hrs.

HUMANITIES

See list on page 190 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.

HUM112: WORLD RELIGIONS

This course will explore and develop an understanding of the distinctive belief systems of seven of the major religions in the world today: Judaism, Christianity, Islam, Buddhism, Hinduism, Confucianism, and Taoism. This will occur primarily through an exploration of the foundational mythological stories, cosmologies, and worldviews that are unique to each of the traditions. The course will enable students to understand the defining, core beliefs that have emerged from those religious mythologies and cosmological perspectives and the resulting attitudes on the part of each religious tradition toward contemporary issues such as the role of women, exclusivist claims, spiritual practices and moral obligations. Note: Fulfills SUNY General Education Requirement for Other World Civilizations. No prerequisite. Offered on: 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: 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: 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: 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. No prerequisite. *Offered on: A / 3 cr. hrs.*

HUM130: CAREER INTERNS: EQUITY CHOICES PROF.

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. *Offered on: A-E / 3 cr. hrs.*

HUM149: 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 Valdez (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 the online catalog for a complete listing. *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

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 spring semester only) (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 field work. 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 instructor 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: A 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. Field work component is completed primarily during day hours. (*offered spring semester only*) (3 hrs. seminar, 12 hrs. laboratory totaling 180 field hrs.) Prerequisite: HUS205 and HUS201 with grade of C or better. *Offered on: A / 6 cr. hrs.*

INFORMATION TECHNOLOGY

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. Notes: (1) Course cannot be applied to satisfaction of graduation requirements in any computer-related degree program or certificate at SCCC. (2) 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.

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.

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.

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/INFO TECH

Special and current topics in Computer Science / Information Technology. See online catalog for a complete listing. Offered on: A-E-G / 3-4 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 IND102 or HIS102, 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. *(offered fall semester only)* (1 hr. lecture, 4 hrs. studio) Note: Fulfills SUNY General Education Requirement for The Arts. 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 hrs. lecture, 2 hrs. 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.*

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.*

Interior Design – Italian

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.*

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. 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. (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 hr. lecture and field work) 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.*

INT295: SPECIAL TOPICS: INTERIOR DESIGN

Special and current topics in interior design may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: A-E-G / 3-4 cr. hrs.*

ITALIAN

See the "Foreign Languages Placement Guidelines" chart on p. 235 for 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. Notes: (1) This course is for students with little or no knowledge of Italian. It is not appropriate for native / fluent speakers of Italian, for whom ITL201 is recommended (see guidelines chart in the College catalog under Foreign Language.) (2) Credit given for (a) ITL101 and ITL102, or (b) ITL113, but not for both options. (3) 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) Credit given for (a) ITL101 and 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. Notes: (1) ITL113 is for students with little or no knowledge of Italian. This course is not appropriate for native/ fluent speakers of Italian, for whom ITL201 is recommended (see guidelines chart in the College Catalog under Foreign Language. More advanced students should see Chair/ Academic Dean. (2) May not be taken for credit after any other course in Italian. (3) 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 & 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 CONTEMPORARY ITALIAN LITERATURE

Study of representative works of 20th and 21st century Italian literature. Students read, analyze and discuss selections from prose, poetry and theatre. Given in Italian. Prerequisite: ITL202 or fulfillment of equivalent high school placement requirements. 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. 235 for 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. Note: (1) This course is for students with little or no prior knowledge of Japanese. More advanced students should see Chair/ Academic Dean. (2) 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.

Japanese – Latin

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.*

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, 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 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 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.*

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. Prerequisite: ENG101 and ENG170. *Offered on: A / 3 cr. hrs.*

LATIN

See the "Foreign Languages Placement Guidelines" chart on p. 235 for 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 online catalog for a complete listing. *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 online catalog for a complete listing. *Offered on: A-E-G / 3-4 cr. hrs.*

LAW/PARALEGAL**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. 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.*

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. Prerequisite: LAW101 and LAW103 or permission of Chair/Academic Dean. Enrollment open only to students in Paralegal curriculum. *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. Prerequisite: LAW101 and LAW103 or permission of Chair/Academic Dean. *Offered on: A-G / 3 cr. hrs.*

Law/Paralegal – Manufacturing Technology

LAW244: PARTNERSHIP AND CORPORATION LAW

Review of legal aspects information 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 as 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. Prerequisite: 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.

LIBRARY RESEARCH

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. Notes: (1) Can be used to fulfill the College Seminar requirement; (2) Credit given for LIB101 or LIB103, but not both. 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. Notes: (1) Can be used to fulfill College Seminar requirement; (2) Credit given for LIB101 or LIB103, but not both. 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. Introduction to 3D printing which objects of almost any shape or geometry can be produced using digital model data from a 3D model. 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.*

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.*

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 also emphasized. Note: Fulfills SUNY General Education Requirement for Natural Sciences. 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 MAR 111 (Marine Biology) or MAR 105 (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. Prerequisite: MAT007 or equivalent. *Offered on: A / 4 cr. hrs.*

MATHEMATICS

Tutoring

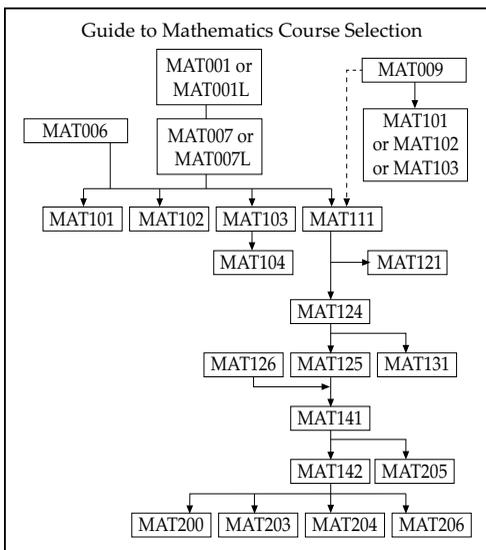
Mathematics tutoring services are provided free through the Math Learning Center (Ammerman Campus, Riverhead 235), Math and Science Learning Center (Eastern Campus, Shinnecock 120), and Academic Tutoring Center (Michael J. Grant Campus, Sagtikos 120 and HSE Building 129). Students can use any of the 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.

Students that complete MAT009 and are interested in taking MAT111 are encouraged to complete the "Bridge to MAT111 - Algebra II" learning area found under the Virtual Learning Commons within MySCCC.



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 must also take 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 does not fulfill requirements for any degree or certificate. No prerequisite. Offered on: A-E-G / 4 hrs.

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. 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.

Mathematics

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, MAT007, MAT009 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, MAT007, MAT009 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, MAT007, MAT009 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, MAT007, MAT009 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, MAT007, MAT009 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, MAT007, MAT009 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, MAT007 or equivalent or MAT009 with permission of Chair / Academic Chair. Offered on: A-E-G / 4 cr. hrs.

MAT111L: ALGEBRA II LABORATORY

Continuation of study of basic concepts of algebra. Topics include brief review of elementary algebra, solutions of second-degree equations, radicals, complex numbers, rational expressions, polynomial expressions, rational exponents and roots, systems of equations and inequalities. Prerequisite: MAT006, MAT007 or equivalent or MAT009 with permission of Chair / Academic Chair. 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, 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.

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, De Moivre'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; De Moivre'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: 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. (5 contact hrs.) Notes: (1) Credit given for MAT141 or MAT131, but not both. (2) Fulfills SUNY General Education Requirement for Mathematics. 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. (5 contact hrs.) Note: Fulfills SUNY General Education Requirement for Mathematics. Prerequisite: C or better in MAT141. Offered on: A-E-G / 4 cr. hrs.

Mathematics – Meteorology

MAT195: 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.*

MAT200: LANGUAGE, LOGIC AND PROOF

A basic course in the logic of mathematics, the construction of proofs and writing proofs. The mathematical content is primarily set theory, logic, number theory, introduction to basic analysis, and Euclidean Geometry. There is considerable focus on writing proofs. Note: Fulfills SUNY General Education Requirement for Mathematics. 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. May not be taken for credit in addition to MAT210. Prerequisite: C or better in MAT142. *Offered on: A-E-G / 4 cr. hrs.*

MAT210: APPLIED LINEAR ALGEBRA

An introduction to the theory and use of vectors and matrices. Matrix theory including systems of linear equations. Theory of Euclidean and abstract vector spaces. Eigenvalues and eigenvectors. Linear transformations. May not be taken for credit in addition to MAT206. Prerequisite: MAT141 with C or higher. *Offered on: A / 3 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.*

METEOROLGY

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. (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.*

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. (3 hrs. lecture, 2 hrs. laboratory) Note: Fulfills SUNY General Education Requirement for Natural Sciences. 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.*

MUSIC

The following courses are restricted to Music majors and cannot be used as a liberal arts and sciences elective in any program: MUS121, 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. Required listening and required concerts. 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.

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. Cannot be taken by music majors as a music elective. 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: A grade of C or better in MUS121: Basic Musicianship or successful completion of the Music Theory Placement Test. Corequisites: MUS123 and MUS124. Offered on: A / 3 cr. hrs.

Music

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: A grade of C or better in MUS121: Basic Musicianship or successful completion of the Music Theory Placement Test. 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. (3 hrs. lecture) Prerequisite: A grade of C or better in MUS121: Basic Musicianship or successful completion of the Music Theory Placement Test. Corequisites: MUS122 and MUS123. Offered on: A / 2 cr. hrs.

MUS125: APPLIED MUSIC I

Private instruction on the student's choice of a single instrument or voice. Instruments included standard woodwinds, brasses, percussion, piano, and guitar. 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. Open to Music Majors only. Applied Music fee. Prerequisite: Successful completion of a performance audition on the student's choice of a single 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 harmony. 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. (3 hrs. lecture) Prerequisite: C or better in MUS122, MUS123 and MUS124. Corequisites: MUS126 and MUS127. Offered on: A / 2 cr. hrs.

MUS129: APPLIED MUSIC II

Continued private instruction on the student's instrument of study or voice. 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: Applied Music I 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. Dress rehearsals and performances are part of the class and attendance is mandatory. Notes: (1) May be taken for credit for more than two semesters. (2) 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. Dress rehearsals and performances are part of the class and attendance is mandatory. Notes: (1) Since some musical works require specific instrumentation, certain instruments may not be needed in a particular term. (2) May be taken for credit for more than two semesters. (3) Fulfills SUNY General Education Requirement for The Arts. Prerequisite: informal individual audition for seating purposes only. (3 hrs. lecture) May 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. Dress rehearsals and performances are part of the 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. Dress rehearsals and performances are part of the class and attendance is mandatory. 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. Dress rehearsals and performances are part of the 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. Dress rehearsals and performances are part of the 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. Dress rehearsals and performances are part of the class and attendance is mandatory. (3 hrs. lecture) Prerequisite: C or better in MUS122 or permission of Chair / Academic Dean. *Offered on: A / 2 cr. hrs.*

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. 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

Continued private instruction on the student's instrument of study or voice. 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: Applied Music II 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. Prerequisite: MUS117 or equivalent, or with permission of Chair / Academic Dean. *Offered on: A / 3 cr. hrs.*

MUS208: MUSIC THEORY IV (FORM AND ANALYSIS CONT.)

Continuation of chromatic harmony from MUS203: Music Theory III. 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. Aural skills sequence concludes with sightsinging and dictation of atonal and bi-tonal melodies. 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. Prerequisite: MUS206. *Offered on: A / 3 cr. hrs.*

Music – Nursing

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: Applied Music III 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.*

MUSICAL THEATRE

MTR105 - MUSICAL THEATRE WORKSHOP

This class is designed to teach techniques used during 20th and 21st century musical theatre auditions, rehearsals, and performances. Students will explore fundamentals of voice, acting, and stage movement through the utilization of the musical theatre repertoire. The course will culminate in a final public performance. Note: Fulfills SUNY General Education Requirement for The Arts. No prerequisite. *Offered on: G / 3 cr. hrs.*

MTR295: SPECIAL TOPICS: MUSICAL THEATRE

Special and current topics in Musical Theatre Performance may be available. See "Class Schedule Search" for a complete listing each term.

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. Enrollment in NUR courses is limited to students officially admitted to the Nursing program.

NUR102: FUNDAMENTALS OF NURSING FOR REGISTERED NURSES

This course focuses on the development of foundational knowledge, skills, and attitudes required for the safe practice of nursing care of the adult patient. Included are concepts of the nursing process, patient-centered care, safety, evidence-based practice, diversity and cultural competence, health promotion and maintenance, teamwork and collaboration, interview and psychomotor skills of health assessment, and the use of library resources and information technology. Development of personal, professional, and ethical behaviors will be emphasized. Laboratory and clinical experiences apply 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) Corequisite: 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. Note: This course is intended for nursing students but is not a required course for nursing majors. Prerequisite: Admission to Nursing Program. *Offered on: A-G / 2 cr. hrs.*

NUR116: NURSING SUCCESS

This course 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. Corequisite: NUR102. *Offered on: A-G / 1 cr. hr.*

NUR125: LPN TO RN TRANSITION AND ADVANCED PLACEMENT

The course facilitates transition from practical nursing to registered student nurse role. Integrates prior knowledge of the practical nurse to utilize the nursing process for the delivery of patient and family-centered care. Emphasizes critical thinking to plan and prioritize the adult individual's health care needs experiencing adult health and mental health acute and chronic conditions. Application of essential concepts in cultural and spiritual competence, safety, pharmacology, nursing process, caring, health promotion maintenance and self-health management, communication, documentation, teaching and learning, teamwork and collaboration, legal and ethical principles, and evidence-based practice are incorporated into this course. Students enrolling in this course are automatically charged the liability insurance fee. (4 hrs. lecture, 3 hrs. laboratory, 6 hrs. clinical) No prerequisite. *Offered on: A-G / 7.5 cr. hrs.*

NUR133: ADULT PHYSICAL HEALTH NURSING I

This course focuses on the delivery of patient and family-centered care with an emphasis on critical thinking to plan and prioritize the adult individual's health care needs experiencing acute and chronic conditions. Application of essential concepts in cultural and spiritual competence, safety, pharmacology, nursing process, caring, health promotion maintenance and self-health management, communication, documentation, teaching and learning, teamwork and collaboration, legal and ethical principles, and evidence-based practice 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: NUR102 and NUR116. Corequisite for Day Program: NUR136. *Offered on: A-G / 5 cr. hrs.*

NUR136: ADULT MENTAL HEALTH NURSING

This course 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: NUR102 and NUR116. Corequisite for Day Program: NUR133. *Offered on: A-G / 3.5 cr. hrs.*

NUR236: CHILD HEALTH NURSING CARE

This course 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, management of care 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 hrs. clinical) Prerequisite: (NUR133 and NUR136) or NUR125. Corequisite for Day and LPN-RN Program: NUR238. *Offered on: A-G / 3.5 cr. hrs.*

NUR238: MATERNAL/CHILD HEALTH NURSING CARE

The course 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: (NUR133 and NUR136) or NUR125. Corequisite for Day and LPN-RN Program: NUR236. *Offered on: A-G / 3.5 cr. hrs.*

NUR240: ADULT PHYSICAL HEALTH NURSING II

This course focuses on adult patients with acute and chronic physical illnesses and multiple healthcare issues. Students continue to build on prior knowledge to determine the biopsychosocial needs of diverse patient populations in order to provide safe, effective, and competent nursing care. Emphasis is on comprehensive assessment, prioritization of care, RN professional role development, utilization of teamwork strategies, use of evidence-based practice, application of scientific principles and theory, and integration of health and maintenance behaviors into plans of care. Students enrolling in this course are automatically charged the liability insurance fee. (5 hrs. lecture, 9 hrs. clinical) Prerequisite: (NUR133 and NUR136) or NUR125. *Offered on: A-G / 8 cr. hrs.*

Occupational Therapy Assistant

OCCUPATIONAL THERAPY ASSISTANT

Enrollment in OTA courses is limited to students officially 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)* 'C' Grade minimum required. 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. Corequisite: OTA100 and OTA102. *Offered on: G / 3 cr. hr.*

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. Corequisite: OTA100 and OTA101. *Offered on: G / 3 cr. hr.*

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. 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. 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. 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. Prerequisite: C or higher in OTA118, OTA121 and OTA200. Corequisite: OTA202 and OTA203. *Offered on: G / 4 cr. hrs.*

OTA202: THE MANAGEMENT ROLE OF THE OCCUPATIONAL THERAPY ASSISTANT

Application of principles of management and systems in provision of occupational therapy services. Addresses role and responsibilities of occupational therapy assistant as a whole, emphasizing service delivery models, profession and consumer advocacy, clinical management, supervision, program evaluation, professional responsibility, reimbursement mechanisms, time management, scheduling, inventory, and other skills required for management responsibilities in this field. Students integrate professional ethics, values and responsibilities with need to be autonomous while maintaining correct role delineation. (*offered fall semester only*) Minimum grade of C is required. 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. 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 coursework 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 is required. 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 coursework 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 is 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.*

Paramedic

PARAMEDIC

Enrollment in PAR courses is limited to students officially admitted to the Emergency Technician: Paramedic program.

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, bio-transformation and elimination; dosage calculations; and packaging. Students will identify the anatomy, physiology, and pathophysiology of the heart. The identification of arrhythmias is presented, along with 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. (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. (offered fall semester only) 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 fall 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 hrs. laboratory) Prerequisite: 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 (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 (72 clinical hrs. for the semester). (*offered wintersession only*) 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.*

PAR203: PARAMEDIC CLINICAL III

This clinical course continues the paramedic student's clinical education. Clinical rotations focus on the development and integration of psychomotor skills, assessment base management, and affective behavior required by a practicing paramedic. Clinical rotations include Emergency Department, CCU/ICU, Pediatrics, Labor and Delivery, Geriatric Care, Ambulance Field Internship, and a Summative Field Evaluation (258 clinical hrs. for the semester). Registration in this course requires that students purchase liability insurance through the College. (*offered spring semester only*) Prerequisites: Students must be accepted into the Paramedic program. PAR101 and PAR202 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.*

Philosophy

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. 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. Notes: (1) Prior background in philosophy not necessary. (2) Fulfills SUNY General Education Requirement for Humanities. 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 toward animals reveal inconsistencies in our moral framework? This class will survey the philosophical arguments that have been offered in the debate surrounding these questions, and encourage the students to participate in the debate by forming and defending their own positions. 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

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. There are no medical waivers. Students with medical concerns should contact the Physical Education Academic Chair on their campus to discuss courses that will be appropriate for them. 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.*

Physical Education

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. *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.*

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

The course provides "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 / 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 taekwon 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 PED165: Introduction to Equitation and Horsemanship 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 of 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. Note: Students may not take additional two-credit Physical Education courses for college credit. (1 hr. lecture, 2 hrs. laboratory) 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. Note: Students may not take additional two-credit Physical Education courses for college credit. (1 hr. lecture, 2 hrs. laboratory) No prerequisite. *Offered on: A-E-G / 2 cr. hrs.*

Physical Education – Physical Therapist Assistance

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. Note: Students may not take additional two-credit Physical Education courses for college credit. (1 hr. lecture, 2 hrs. laboratory) 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. Note: Students may not take additional two-credit Physical Education courses for college credit. (1 hr. lecture, 2 hrs. laboratory) 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.*

PED201: METHODOLOGY OF TEAM SPORTS

This course is designed as a content knowledge course for the team sports of volleyball, soccer and basketball. The course will provide students experiences that will lead to skill acquisition, as well as, the ability to analyze and correct errors in skill performance. Students will be introduced to the various progressions of teaching these skills that are developmentally appropriate for a K-12 physical education setting. Note: Course is restricted to Physical Education majors. (2 hrs. laboratory) Prerequisite: PED190. *Offered on: A / 1 cr. hr.*

PED202: METHODOLOGY OF RACKET SPORTS

This course is designed as a content knowledge course for the racket sports of tennis, pickleball, and badminton. The course will provide students experiences that will lead to skill acquisition, as well as, the ability to analyze and correct errors in skill performance. Students will be introduced to the various progressions of teaching these skills that are developmentally appropriate for a K-12 physical education setting. Note: Course is restricted to Physical Education Majors. (2 hrs. laboratory) Prerequisite: PED190. *Offered on: A / 1 cr. hr.*

PED203: METHODOLOGY OF LIFETIME ACTIVITIES

This course is designed as a content knowledge course for a variety of Lifetime Activities which will include golf, Frisbee golf and bowling. The course will provide students experiences that will lead to skill acquisition, as well as, the ability to analyze and correct errors in skill performance. Students will be introduced to the various progressions of teaching these skills that are developmentally appropriate for a K-12 Physical Education setting. Note: Course is restricted to Physical Education Majors. (2 hrs. laboratory) Prerequisite: PED190. *Offered on: A / 1 cr. hr.*

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 / 1-3 cr. hrs.*

PHYSICAL THERAPIST 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, COM (102 or 107); 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, COM (102 or 107); 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, COM (102 or 107); 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, COM (102 or 107); corequisites: BIO132, PSY210, PTA101, PTA103, PTA105. *Offered on: A / 1 cr. hr.*

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 hrs. 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: PTA 150, PTA221, PTA223, PTA225, PTA227. *Offered on: A / 3 cr. hrs.*

PTA221: MUSCULOSKELETAL PHYSICAL THERAPY

Covers the potential impairments of body structure and function, activity limitations, and participation restrictions associated with common musculoskeletal pathologies across the lifespan, 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.*

Physical Therapist Assistant – Physics

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*) 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. Skills include soft tissue mobilization/ massage for the upper and lower quarter. (*offered spring semester only*) (2 hrs. laboratory) Prerequisites: BIO246, MAT103, PTA150, PTA151, PTA153, PTA155. Corequisites: PTA221, PTA223, PTA225. *Offered on: A / 1 cr. hr.*

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. (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.

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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory) 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 3 hrs. laboratory) Prerequisite: PHY101. *Offered on: A-E-G / 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (3 hrs. lecture, 2 hrs. laboratory) 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. Note: PHY115 does not satisfy prerequisite for PHY102. (3 hrs. lecture, 1 hr. recitation, 2 hrs. laboratory) Prerequisite: MAT111 or equivalent. *Offered on: A-G / 4 cr. hrs.*

PHY130: PHYSICS I

Basic course in sequence of courses offered to majors in physical sciences, mathematics and engineering. Includes vectors, kinematics, dynamics, rotational kinematics and dynamics, gravitation and fluids. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (4 hrs. lecture/recitation.) Prerequisite: MAT141. Corequisites: MAT142, PHY132. Offered on: A-E-G / 3 cr. hrs.

PHY132: PHYSICS I LAB

Mechanics laboratory using experiments in kinematics, dynamics and conservation laws to verify concepts in PHY130. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (2 hrs. laboratory) 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (4 hrs. lecture/recitation) Prerequisite: MAT142, PHY130. Corequisite: PHY232. Offered on: A-E-G / 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (2 hrs. laboratory) Corequisite: PHY230. Offered on: A-E-G / 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (4 hrs. lecture/recitation) 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. Note: Fulfills SUNY General Education Requirement for Natural Sciences. (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.

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.

Political Science – Practical Nursing

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 within 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.*

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. Prerequisite: RDG099 or ESL012 or equivalent. *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 GPA or better, ENG101, POL103 and permission of Chair / Academic Dean. *Offered on: A-G / 3 cr. hrs.*

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

Enrollment in PNU courses is limited to students officially admitted to the Practical Nursing program.

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 health-care 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 hrs. 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 CLIENTS

The study of family health beginning with the mother and newborn during the childbearing process. The topic is continued through the study of the normal growth and development of the pediatric client. The nursing process is utilized in the study of family health incorporating responses and adaptation to stress. Adaptation and stress management is promoted with families during the childbearing process and with the ill pediatric client. Experiences to integrate nursing theory and skills include clinical experiences in healthcare settings and community agencies. Registration requires that students purchase liability insurance through the College. (*offered spring semester only*) (2 hrs. lecture, 3 hrs. clinical) Prerequisite: PNU116, PNU119, PNU120, PNU128. Corequisite: PNU133. *Offered on: E / 3 cr. hrs.*

PNU295: SPECIAL TOPICS: PRACTICAL NURSING (LPN)

Special and current topics in practical nursing may be available. See "Class Schedule Search" for a complete listing each term. *Offered on: E / 3-4 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: PSY101. *Offered on: A-E-G / 3 cr. hrs.*

Psychology

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. Note: Credit given for PSY211 or SOC220, but not both. 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.

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.

PSY225: QUANTITATIVE METHODS FOR BEHAVIORAL SCIENCES

An introduction to data analysis in the behavioral sciences. Students will learn how to summarize data sets, create frequency distributions, formulate statistical hypothesis tests, and interpret the results of statistical tests. Topics covered include nonparametric tests such as Spearman's Rho, the Mann-Whitney Test, Wilcoxon's test, Friedman's ANOVA, multiple correlation and regression, and Chronbach's Coefficient Alpha. The course is designed to meet the statistics requirement for transfer students who will major in psychology. Notes: Fulfills SUNY General Education Requirement for Mathematics. Course cannot be used to fulfill any local degree program MAT requirements. (4 hrs. lecture) (offered spring only) Prerequisite: PSY101 with a grade of C or higher; MAT103 with a grade of C or higher. 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 requirements. (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, RTV102, and RTV111 are open to all students and can be taken as unrestricted electives. Enrollment in all other RTV courses is limited to students officially admitted to the program.

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. Note: Students in the Radio and Television Production program should take RTV111 in their first semester. (offered fall semester only) (2 hrs. lecture, 2 hrs. laboratory) 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: 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. Offered on: A / 4 cr. hrs.

Radio/Television Production – Reading

RTV204: VIDEO EDITING

Technology, techniques and theory of television post-production. 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. Pre-production 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 and 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 online lab component. Graded on an S-R-U-W basis. Not applicable toward any degree or certificate. Note: Students who receive an 'R' in RDG096 must re-register for RDG096 or enroll in RDG099 in a subsequent semester. *Offered on: A-E-G / 5 cr. hrs.*

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 RDG098. 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 COLLEGE READING

Develops advanced reading skills that sharpen ability to read and comprehend longer-passage materials through knowledge of structure, style, content and author intent. Emphasis on ability to analyze material for levels of profundity; main idea; paragraph order; deductive, inductive, development by facts, description of a process, analysis, cause and effect, classification, comparison/contrast, analogy; vocabulary development through contextual clues and word analogies; denotative and connotative language; inference and judgment; and appropriate reading approach. Involves class lecture and discussion sessions. Can be used to satisfy liberal arts and sciences elective requirements. Prerequisite: RDG096, RDG099, or placement. *Offered on: A-E-G / 3 cr. hrs.*

RDG295: SPECIAL TOPICS: READING

Special and current topics in reading may be available. See online catalog for a complete listing. *Offered on: A-E-G / 3-4 cr. hrs.*

SOCIOLOGY**SOC101: INTRODUCTION TO SOCIOLOGY**

This course will focus on the concepts, methods and theories of sociology. Students will learn about the relationship between human behavior and society with emphasis on culture, socialization, inequalities, institutions, and social change. Specific attention will be given to how society shapes -- and is shaped by -- social categories such as social class, gender, race and ethnicity, etc. 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 of 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. 235 for 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. Notes: (1) This course is for students with little or no knowledge of Spanish. It is not appropriate for native/fluent speakers of Spanish, for whom SPN201 or SPN202 is recommended. More advanced student should see Chair/Academic Dean. (2) 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. Notes: (1) SPN113 is for students with little or no knowledge of Spanish. It is not appropriate for native/fluent speakers of Spanish, for whom SPN201 and SPN125 is recommended. More advanced student should see Chair/Academic Dean. (2) May not be taken for credit after any other course in Spanish. (3) 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 covers 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. (2) May be used to satisfy liberal arts, humanities or unrestricted elective requirements. No prerequisite. Offered on: G / 3 cr. hrs.

SPN121: BASIC CONVERSATIONAL SPANISH II

Basic conversational courses for students with no background in Spanish. Covers 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. (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.

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. No prerequisite. Offered on: A-E-G / 3 cr. hrs.

SPN126: SPANISH FOR EDUCATORS I

Spanish for Educators is a course designed for education students and K-12 school personnel to learn the basics of Spanish grammar, develop knowledge of Hispanic cultures, and improve the educators' ability to effectively communicate with Spanish-speaking students and parents. The goal of our Spanish for Educators course is to develop communication skills associated with real-life classroom situations, foster a better understanding of cultural differences and improve classroom communications for teacher/parent interaction. Required online workbook/lab manual course component. Note: Fulfills SUNY General Education Requirement for Foreign Language. No prerequisite. Offered on: A / 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) 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.

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. Notes: (1) Credit given for SPN176 or SPN224, but not both. (2) 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. *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 as per recommendation of Chair/Academic Dean. *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 a 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 as per recommendation of Chair/Academic Dean. *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 through a 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. Note: Credit given for SPN175 or SPN221, but not both. *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: ADV. 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 and Foreign Language. Note: Credit given for SPN176 or SPN224, but not both. 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 CONTEMPORARY LATIN AMERICAN LITERATURE

Studies representative works of 20th and 21st century Latin American literature. Students read, analyze and discuss selections from prose, poetry and theater. Given in Spanish. 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 online catalog for a complete listing. *Offered on: A-E-G / 3-4 cr. hrs.*

Spanish – Theatre Arts

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. 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 the theatre including historical aspects, playwrighting, acting, directing and designing. Note: Fulfills SUNY General Education Requirement for The Arts. No prerequisite. *Offered on: A-E-G / 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. 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 PRACTICES: DRAFTING FOR THE STAGE
Communicating visual ideas through the use of mechanical drawing specifically for theatre applications. Includes training in various elements of technical theatre and stage design graphics, specifically drafting techniques and symbols (USITT standard) for producing ground plans, elevations and detail drawings. (2 hrs. lecture, 2 hrs. laboratory) Note: Offered spring semester only on alternate years with THR119. 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. (2 hrs. lecture, 2 hrs. laboratory) Note: Offered spring semester only on alternate years with THR118. 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. No prerequisite. *Offered on: A / 3 cr. hrs.*

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: PRODUCTION LAB I

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. 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. (1 hr. lecture, 2 hrs. laboratory) No prerequisite. Offered on: A / 2 cr. hrs.

THR153: PRODUCTION LAB II

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. 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. (1 hr. lecture, 2 hrs. laboratory) No prerequisite. Offered on: A / 2 cr. hrs.

THR154: PRODUCTION LAB III

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. 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. (1 hr. lecture, 2 hrs. laboratory) No prerequisite. Offered on: A / 2 cr. hrs.

THR155: PRODUCTION LAB 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. 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. (1 hr. lecture, 2 hrs. 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. 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. (*offered fall semester only.*) Prerequisites: THR101, THR105, THR115, THR152, THR153 and (THR117 and THR205 or THR116). *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

Enrollment to TYT courses is limited to students officially admitted to the Toyota T-TEN Automotive Service program.

TYT110: INTRODUCTION TO AUTOMOTIVE TECHNOLOGY

This course 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 will provide the students the opportunity to build soft skills, prepare for and gain employment as an automotive technician. This course is designed to help the student with employment related skills including resume writing, interview skills, job attainment, and certification. The focus of Portfolio I is job preparation and readiness and is designed to prepare the student for the work based learning experience that begins in semester II. Students must successfully complete all four (4) portfolio classes and one (1) summer co-op experience for a total of 640 hours of total work experience to graduate. (*offered fall semester only*) No prerequisite. *Offered on: A / .5 cr. hr.*

TYT141: AUTOMOTIVE SUSPENSION AND STEERING

This course 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.*

TYT150: TOYOTA COOPERATIVE

The summer co-op experience will provide the students the opportunity to build on the skills required to be successful in the workplace. This course is designed to reinforce classroom learning through a supervised hands-on experience at the worksite. Students will be required to complete 400 hours of coop time during the summer co-op. Students must successfully complete all four (4) portfolio classes and one (1) summer co-op experience for a total of 640 Hours of total work experience to graduate. Registration in each of these courses requires that students purchase liability insurance through the College. (*offered summer semester only*) (3 hrs. internship) Prerequisite: TYT120, TYT230. *Offered on: A / 2 cr. hrs.*

TYT151: AUTOMOTIVE BRAKES

This course 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

This course 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 & ELECTRONICS II

This course 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.*

TYT171: AUTOMOTIVE HEATING AND AIR CONDITIONING

This course 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

This course 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

This course 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.*

Toyota T-Ten Automotive Service

TYT230: TOYOTA PORTFOLIO (T-PORT) / PRACTICUM II

The four units of T-Port will provide the students the opportunity to build soft skills, prepare for and gain employment as an automotive technician. This course is designed to help the student with employment related skills including resume writing, interview skills, job attainment, and certification. The focus of Portfolio II is continued development of job place skills. The work based learning experience will begin in early January before the start of the formal 15 week semester. Students will be required to complete eighty (80) hours of supervised work based learning during this course. Students must successfully complete all four (4) portfolio classes and one (1) summer co-op experience for a total of 640 hours of total work experience to graduate. Registration in each of these courses requires that students purchase liability insurance through the College. (*offered spring semester only*) No prerequisite. *Offered on: A / .5 cr. hr.*

TYT231: MANUAL TRANSMISSION AND DRIVETRAIN

This course 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 will provide the students the opportunity to build soft skills, prepare for and gain employment as an automotive technician. This course is designed to help the student with employment related skills including resume writing, interview skills, job attainment, and certification. The focus of Portfolio II is continued development of job place skills. The work based learning experience will begin in early January before the start of the formal 15 week semester. Students will be required to complete eighty (80) hours of supervised work based learning during this course. Students must successfully complete all four (4) portfolio classes and one (1) summer co-op experience for a total of 640 hours of total work experience to graduate. Registration in each of these courses requires that students purchase liability insurance through the College. (*offered fall semester only*) No prerequisite. *Offered on: A / .5 cr. hr.*

TYT250: TOYOTA PORTFOLIO (T-PORT) / PRACTICUM IV

The four units of T-Port will provide the students the opportunity to build soft skills, prepare for and gain employment as an automotive technician. This course is designed to help the student with employment related skills including resume writing, interview skills, job attainment, and certification. The focus of Portfolio IV is the completion of the automotive portfolio and required work based learning hours. Students will be required to complete eighty (80) hours of supervised work based learning during this course. Students must successfully complete all four (4) portfolio classes and one (1) summer co-op experience for a total of 640 hours of total work experience to graduate. Registration in each of these courses requires that students purchase liability insurance through the College. (*offered spring semester only*) No prerequisite. *Offered on: A / .5 cr. hr.*

TYT281: ENGINE PERFORMANCE I

This course 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

This course 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

Enrollment in VST courses is limited to students officially admitted to the Veterinary Science Technology program.

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.*

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. (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. (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. (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. (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. (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. 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. (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. (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. (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. (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 AND GENDER STUDIES

Note: The Curriculum may be found under Liberal Arts and Sciences: Women's and Gender Studies, 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, Freshman Seminar requirement. A small group of participants, some beginning the college experience after being away from the classroom and some already in college, meet once a week. A Women's 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: 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.*

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 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. *Offered on: A-E / 3 cr. hrs.*

WST149: WOMEN AND THE ARTS

Interdisciplinary rotating course, its content varying from semester to semester. No prerequisite. *Offered on: A / 3 cr. hrs.*

HIS205: WOMEN IN U.S. HISTORY

An analysis of the history of American women from the colonial period to the present. Special emphasis is placed on the following topics: patterns of women's paid and unpaid work, the interrelated issues of race and class and power, the Cult of Domesticity, sexuality, the origin and development of feminism from the nineteenth-century to the present, and the use of gender as an analytical tool. Note: Fulfills SUNY General Education Requirement for American History. No prerequisite. *Offered on: A-E / 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.*



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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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CENTER FOR SOCIAL JUSTICE AND HUMAN UNDERSTANDING, INC. (CSJHU)

The Center for Social Justice and Human Understanding, Inc. (CSJHU) 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. More recently, CSJHU's role has expanded to include programming that addresses a broader spectrum of contemporary issues of social justice.



CSJHU's mission is to educate the community on historical events, and to promote cultural understanding and respect for human dignity. The permanent exhibit, 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.

CSJHU is governed by a Board of Directors representing both the college and the community.

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 B.S.N., Radford University; M.S.N., Grambling State University

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 B.A., University of Maryland; M.A., M.A./L.S., State University of New York at Stony Brook

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 A.A.S., State University of New York: Suffolk County Community College; B.S., M.S., University of Phoenix

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 A.A.S., City University of New York: Queensborough Community College; B.B.A., City University of New York: Baruch College; M.B.A., Adelphi University; M.S., Long Island University: C.W. Post Campus; Certificate in Psychoanalytic Psychotherapy, Washington Square Institute for Psychotherapy and Mental Health; NYS Licensed Mental Health Counselor; NYS Licensed Psychoanalyst; N.C.C.

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B.S., St. Stephen's College, India; M.S., Indian Institute of Technology, India; Ph.D., State University of New York at Stony Brook

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B.S., M.S., Ph.D., Belarus State University.

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B.A., M.S., Dowling College

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ZHENYU SHENG, Professional Assistant I - Chemistry
B.S., Ph.D., University of Science and Technology of China

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B.A., University of Texas; M.A. University of Iowa

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 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
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 Maureen Clinton, Human Services
 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
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 Ruth DeStefano, Business Administration
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 Vito W. Easparro, Mechanical Technology
 Lawrence Epstein, English
 Eugene Farry, Physical Education
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 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 Kisiel, Biology
 Jeffery Kluewer, English
 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
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 Charles E. Reilly, Accounting
 Gerald Reminick, Library
 Richard Richards, Mechanical Technology
 Barbara Ripel, History
 Douglas M. Robbins, Health Careers
 Linda S. Roche, Physical Education
 David Ross, Physical Education

Linda Sabatino, Biology
 Arthur W. Sanders, Office Administration
 Ivan Sanders, English
 Maria Santalla, Foreign Languages
 Jack Schanfeld, Social Sciences
 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
 George Tvelia, Economics
 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
 2018**

William F. Burns, Teaching
 Misty Curreli, Faculty Service
 Christine Davidson, Teaching
 Danielle DiMauro-Brooks, Adjunct Teaching
 Gail Kenehan, Classified Service

2017

Vickie F. Calderon, Professional Service
 Sanjoy Chakraborty, Adjunct Teaching
 Manuel Galofaro, Adjunct Teaching
 Theodore Koukounas, Faculty Service
 Murial Lanier, Classified Services
 Catherine J. Lipnick, Faculty Service
 Dante E. Morelli, Teaching
 Lisa M. Teason, Professional Service
 Meryl S. Rogers, Professional Service

2016

Rosa Gambier, Faculty Service
 Vladimir Jurukovski, Faculty Service
 Steven Kuehhas, Adjunct Teaching
 Andrew Monahan, Adjunct Teaching
 Joseph Napolitano, Teaching
 Genevieve Rippe, Classified Service

2015

Mark Bourdeau, Teaching
 Jerry Chen, Teaching
 Stephen Durkel, Classified Service
 Krystyna Janicka-Wlodek, Adjunct Teaching
 Jason Kankel, Professional Service
 Jo Curtis Lester, Teaching
 Kelliann Schrage Flores, Adjunct Teaching
 Leanne Warshauer, Faculty Service

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 2007
 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. Kiesel, 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 2018)

A
 Naomi Aaronson, Adjunct Instructor, Occupational Therapy
 Joseph Abelson, Adjunct Assistant Professor, Mathematics
 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
 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
 Felix A. Adeyeye, Adjunct Instructor, Reading
 Thomas R. Affatigato, Adjunct Instructor, Earth Science
 Rakhi Agarwal, Adjunct Instructor, Biology
 Michael Agostino, Adjunct Instructor, Counseling
 Diana Aguilar, Adjunct Instructor, Accounting
 Lisa Aiello, Adjunct Instructor, Chemical Dependency
 Susan Aiello, Adjunct Assistant Professor, English as a Second Language
 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
 Jennifer Albanese, Adjunct Instructor, English
 Sarah B. Alberti, Adjunct Instructor, Foreign Language
 Erick Alburez, Adjunct Instructor, English as a Second Language
 Margaret Alexandre, Adjunct Assistant Professor, Nursing
 Naheda J. Al Hihi, Adjunct Assistant Professor, Business
 Juan Alicea, Adjunct Professional Assistant, Chemistry
 Elisabett Aliperti, Adjunct Assistant Professor, Foreign Language
 Cesar Allain Pacheco, Adjunct Instructor, Computer Science
 Ellen Allen, Adjunct Assistant Professor, English
 John A. Allsopp, Adjunct Professor, Mathematics
 Joseph Alongi, Adjunct Assistant Professor, Mathematics
 Nicole Alvanos, Adjunct Instructor, Reading
 Christine Amato, Adjunct Instructor, Visual Arts
 Erica P. Amato, Adjunct Professional Assistant I, Admissions

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
 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
 Maria P. Archdeacon, Adjunct Assistant Professor, Biology
 Silin Arcidiacono, Adjunct Professional Assistant II, Practical Nursing
 Julia Arena, Adjunct Assistant Professor, Mathematics
 Michele M. Aretz, Adjunct Assistant Professor, Counseling
 Carlo G. Arinoldo, Adjunct Associate Professor, History
 Raul Armendariz, Adjunct Assistant Professor, Physics
 Anthony Arno, Adjunct Instructor, Engineering
 Theresa Arrigon, Adjunct Associate Professor, English
 Rosemary Ashton, Adjunct Instructor, Library Services
 Jennifer Aspell, Adjunct Professional Assistant I, Biology
 Debbie Atanasio, Adjunct Instructor, Counseling
 Kira Atkins, Adjunct Instructor, Accounting
 Christopher Atwood, Adjunct Assistant Professor, Electrical Technology
 Ilene Augenlicht, Adjunct Assistant Professor, Psychology / Sociology
 Honi S. Aumiller, Adjunct Instructor, English
 Daniel Awodiya, Adjunct Professor, Communications

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
 Anne Marie Bain, Adjunct Professional Assistant 0, Radio/TV/Film
 Paul Baisley, Adjunct Instructor, Business Law
 Joseph Bak, Adjunct Professional Assistant I, Mathematics
 Laura Baldassare, Adjunct Professional Assistant I, Academic Tutoring Center
 Elizabeth A Baldwin, Adjunct Specialist I, Educational Technology Unit
 Louis Balsamo, Adjunct Instructor, Counseling
 Marylouise Balsamo, Adjunct Instructor, Reading
 Bonnie Bambara, Adjunct Instructor, Reading
 Marilyn N. Baracks, Adjunct Assistant Professor, Reading/College Seminar
 Linda Barahal-Norman, Adjunct Assistant Professor, Mathematics
 Judy Baransky, Adjunct Professional Assistant I, Student Activities
 Theresa Barbaro, Adjunct Instructor, Sociology
 Pedro Barbeito, Adjunct Instructor, Visual Arts
 Pamela Barclay, Adjunct Instructor, Nursing
 Jocelyn Bard, Adjunct Assistant Professor, Counseling
 Robert Barker, Adjunct Instructor, Environmental Science
 Ryan Barker, Adjunct Instructor, College Seminar
 Marie Barnouw, Adjunct Professional Assistant II, Biology
 Carine Baron, Adjunct Professional Assistant I, Liberty Partnership
 Mary Barr, Adjunct Instructor, English
 John J. Barrett, Adjunct Professor, Philosophy/Humanities
 Monique Barricelli, Adjunct Professional Assistant I, Academic Tutoring Center
 Heather Barry, Adjunct Associate Professor, History
 Bruce Barton, Adjunct Assistant Professor, Computer Science and Information Technology
 Mary E. Bartol, Adjunct Professional Assistant I, Academic Affairs
 Jean Basile, Adjunct Instructor, Chemical Dependency
 Giuseppe Battista, Adjunct Professor, Foreign Language
 Nathan Baum, Adjunct Instructor, Library Services
 Robert Baumann, Adjunct Instructor, Criminal Justice
 Alice Baumer, Adjunct Professional Assistant I, Career Services
 Donald Bayles, Adjunct Professional Assistant I, Health Careers
 Karen Bayliss, Adjunct Professional Assistant I, Nursing
 Fadia Bazina, Adjunct Instructor, Biology
 Marin L. Beaupre, Adjunct Instructor, Biology
 Kim Beck, Adjunct Instructor, Foreign Language
 William Beckert, Adjunct Professional Assistant II, Physical Education
 Christine Behrendt, Adjunct Professional Assistant II, Mathematics
 Danielle Behrendt, Adjunct Professional Assistant I, Writing Center
 Sigrid Benedetti, Adjunct Professional Assistant I, Culinary Arts
 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
 Sigrid Benedetti, Adjunct Professional Assistant I, Culinary Arts
 James Beneduce, Adjunct Assistant Professor, Theatre Arts
 Blaise Bennardo, Adjunct Instructor, English
 Donna Bennett, Adjunct Assistant Professor, Foreign Language
 Richard Bennett, Adjunct Instructor, Biology
 Laura Benvenuto, Adjunct Assistant Professor, 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 Associate Professor, Counseling
 Margaret Bergmann, Adjunct Professional Assistant I, Biology
 Mary Bergmann, Adjunct Instructor, Physical Education
 Kevin Berler, Adjunct Professional Assistant I, Meteorology
 Gabriela Bermudez-Corrales, Adjunct Instructor, Chemistry
 Erasto Bernard, Adjunct Instructor, Computer Science/College Seminar
 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
 Neil Bernstein, Adjunct Instructor, Physical Education
 Stuart Bernstein, Adjunct Instructor, History
 Abdelkrim Berrada, Adjunct Assistant Professor, Biology
 Patrick Berran, Adjunct Instructor, Visual Arts
 Michael Berrell, 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

ADJUNCT FACULTY AND INSTRUCTIONAL STAFF

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
 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
 Patricia Blake, Adjunct Associate Professor, Business Law
 John Blom, Adjunct Assistant Professor, Mathematics
 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
 Danielle Bonasera, Adjunct Professional Assistant I, Educational Opportunity Program
 Cathy Bondi, Adjunct Professional Assistant I, Foreign Language
 Charlotte Bongiorno, Adjunct Instructor, Mathematics
 Tara Bono, Adjunct Professional Assistant I, STEM
 Sarah Bonocore, Professional Assistant, Culinary Arts
 Laura Borghardt, Adjunct Professional Assistant II, Biology/Chemistry
 Maureen A. Borkowski, Adjunct Instructor, Chemical Dependency Counseling
 Dennis Bost, Adjunct Instructor, Nursing
 Tejas Bouklas, Adjunct Assistant Professor, Biology
 Karen Boyce, Adjunct Professional Assistant I, Academic Computing
 Jennifer Boyd, Adjunct Instructor, Biology
 Christopher Boyko, Adjunct Associate Professor, Marine Science
 Eileen Boylston, Adjunct Professional Assistant II, Biology
 Lisa Braat, Adjunct Instructor, Mathematics
 Gregory C. Bracco, Adjunct Professional Assistant I, Radio/TV/Film
 Christine Bradley-Hart, Adjunct Instructor, Reading/College Seminar
 Gina Brancato, Adjunct Instructor, Student Activities
 Craig Brand, Adjunct Professional Assistant I, Biology
 Philip Branigan, Adjunct Instructor, Criminal Justice
 Ellen L. Branson, Adjunct Instructor, Mathematics
 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, Foreign Language
 John Bredemeyer III, Adjunct Professional Assistant II, Biology/Chemistry
 Edward M. Breese, Adjunct Instructor, Theater Arts
 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
 Anthony Brienza, Adjunct Instructor, English
 Valerie Briston, Adjunct Instructor, Accounting
 Jill Britton-Nix, 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
 Jonathan Bronico, Adjunct Professional Assistant I / Instructor, Chemistry
 Craig Brooks, Adjunct Instructor, Criminal Justice
 Danielle Brooks, Adjunct Instructor, History
 Eric Brown, Adjunct Professional Assistant I, Physical Education
 Jeffrey Brown, Adjunct Professional Assistant I, Mathematics
 Rosemary Brown, Adjunct Instructor, English
 Silvia Brown, Adjunct Instructor, Biology
 Thomas Brown, Adjunct Instructor, Accounting
 William Brown, Professional Assistant I, Educational Technology Unit
 Bernard Bruen, Adjunct Associate Professor, Mathematics
 Gregory Bruno, Adjunct Instructor, English
 Sally Bruno, Adjunct Instructor, American Sign Language
 John Brush, Adjunct Instructor, Writing Center
 Lindsay Bryde, Adjunct Instructor, English
 Carol Bucicchia, Adjunct Professional Assistant 0, Academic Affairs
 Daniel Bullock, Adjunct Professional Assistant II, Chemistry/Biology
 Deborah Buganza-Estepa, Adjunct Instructor, Nursing
 Maria Bune,-Fitzpatrick Adjunct Assistant Professor, Nursing
 Walter R. Burak, Adjunct Assistant Professor, Marine Biology
 Deborah Burden, Adjunct Professor, Counseling/Enrollment Management
 Mark Burkhalter, Adjunct Professional Assistant, Radio/TV/Film
 Eileen Burmester, Adjunct Instructor, Nursing
 MaryJane Burner, Adjunct Instructor, English
 Matthew Paul Burns, Adjunct Instructor, Biology
 Roberta Burns, Adjunct Professional Assistant I, Business Services
 Robert Busby, Adjunct Assistant Professor, History

Jessica Butera, Adjunct Instructor, Physical Education

Craig Butler, Adjunct Assistant Professor, Foreign Language

Elizabeth Buzash-Pollert, Adjunct Associate Professor, Biology

Sari Byrd, Adjunct Professor, Psychology / Sociology / Anthropology

C

Maryann Cabrera, Adjunct Instructor, Mathematics

Scott Cacciabauda, Adjunct Professor, Business Law

Dennis J. Caine, Adjunct Assistant Professor, Criminal Justice

Jonathan Caiola, Adjunct Professional Assistant, Academic Skills

Monique Calabro, Adjunct Professional Assistant II, Biology

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, Chemistry

Roger H. Cameron, Adjunct Assistant Professor, Biology

Angela Cammarata, Adjunct Assistant Professor, Human Services / College Seminar

Autum Campau, Adjunct Instructor, Counseling

David Campbell, Adjunct Instructor, Music

Gary Campbell, Adjunct Professor, Veterinary Science

Patti Cantamessa, Adjunct Instructor, Nursing

Anthony Cantiello, Adjunct Associate Professor, Sociology

Melissa Capasso, Adjunct Instructor, Visual Arts

John J. Capela, Adjunct Assistant Professor, Business

William C. Capitano, Adjunct Assistant Professor, Biology

Enriqueta Capo, Adjunct Professional Assistant I, Academic Affairs

Esther Marie Caponigro, Adjunct Instructor, Visual Arts

Carmen Capozziello, Adjunct Professional Assistant I, Academic Affairs

John Capurso, Adjunct Instructor, Accounting

Richard Caputo, Adjunct Professional Assistant II, Earth and Space Science

Richard M. Caputo, Adjunct Instructor, English

Douglas Caracappa, Adjunct Professional Assistant I, Chemistry

Joseph Caracci, Adjunct Assistant Professor, Criminal Justice

Peter Caradonna, Adjunct Instructor, Drafting

Joseph Cardinale, Adjunct Instructor, English

Andrea Carew, Adjunct Professor, Counseling

Thomas Carey, Adjunct Instructor, Earth and Space Science

Alison Carley, Adjunct Instructor, English

Laurence Carlin, Adjunct Instructor, Nursing

Jillian Carlos, Adjunct Professional Assistant II, Admissions

George R. Carlson, Adjunct Instructor, College Seminar

Peter Carmona, Adjunct Professional Assistant I, Academic Affairs

Sheila Carpenter, Adjunct Instructor, Psychology

Patricia Carrai, Adjunct Instructor, Reading / College Seminar

Thomas Carrano, Adjunct Assistant Professor, Biology

Elizabeth Carroll, Adjunct Instructor, English

Alisa Carruba, Adjunct Professional Assistant I, Computer Science / Information Technology

Christine Marie Caruso, Adjunct Instructor, Drafting

Christopher M. Caruso, Adjunct Instructor, Engineering

Williamina Casali, Adjunct Assistant Professor, English / College Seminar

Richard Casella, Adjunct Instructor, Mathematics

Elizabeth C. Casey, Adjunct Assistant Professor, Biology

James F. Casey, Adjunct Assistant Professor, History

Catherine M. Casse, Adjunct Instructor, Early Childhood

Ann Michelle Cassel, Adjunct Professional Assistant II / Instructor, Reading / College Seminar

James J. Cassidy, Adjunct Associate Professor, Library Services

Meryl T. Cassidy, Adjunct Assistant Professor, Human Services

Kristi Castania, Adjunct Instructor, Mathematics

Jeanne Castano, Adjunct Instructor, Foreign Language

James Castiglione, Adjunct Assistant Professor, Library

Chiara Castilla-Brooks, Adjunct Instructor, Anthropology

Joseph Castrogiovanni, Adjunct Instructor, English

Lisa Catania, Adjunct Professional Assistant I, Marine Science

Carol Cavallo, Adjunct Professor, English

Alexander Cavaris, Adjunct Instructor, History

Patricia Cella, Adjunct Instructor, Enrollment Management

Robert Cellura, Adjunct Professional Assistant I, Biology

Sara Cernadas-Martin, Adjunct Instructor, Marine Science

Joseph Cerrato, Adjunct Instructor, Mathematics

Catherine Cerrone, Adjunct Instructor, Communications

Lisa F. Cervera, Adjunct Assistant Professor, English as a Second Language

Patricia Cesario, Adjunct Assistant Professor, Foreign Language

Joanne Cesiro, Adjunct Assistant Professor, Physical Therapy

Sanjoy Chakraborty, Adjunct Associate Professor, Biology

Susan Chambers, Adjunct Professional Assistant II, Physics / Earth and Space Science

Jennifer A. Champagne, Adjunct Instructor, Physical Education

Louis Chan, Adjunct Assistant Professor, Economics

Robert Chandler Jr., Adjunct Instructor, Computer Science / Information Technology

Rosie Chang, Adjunct Assistant Professor, Chemistry

Dorothy Chanin, Adjunct Professional Assistant II, Biology

Chih Shun Chao, Adjunct Instructor, Foreign Language

ADJUNCT FACULTY AND INSTRUCTIONAL STAFF

Samantha Cherry, Adjunct Specialist I, Nursing/
Health Careers

Giovanni Chiarelli, Adjunct Instructor, Electrical
Engineering Technology

Timothy Chiraz, Adjunct Professional Assistant I,
Math

Frank Chisena, Adjunct Assistant Professor, Physics

Trudy Christ, Adjunct Instructor, Visual Arts

Matthew Christiansen, Adjunct Instructor,
Chemistry

Hyungin Choi, Adjunct Assistant Professor,
Mathematics

Gail I. Cholden, Adjunct Assistant Professor,
Reading/College Seminar

Amber Christopher-Buscemi, Adjunct Assistant
Professor, English/College Seminar

Antonio Chu, Adjunct Assistant Professor,
Computer Science/Information Technology

Milton Chung, Adjunct Assistant Professor, Business
Administration

Domenick Ciaccio, Adjunct Instructor, English

Aimee Cianciulli, Adjunct Professional Assistant II,
Reading

Gregory Cianflone, Adjunct Professor, Mathematics

Kristen Ann Ciano, Adjunct Instructor, Biology

Dominic Ciardullo, Adjunct Assistant Professor,
Electrical Engineering Technology/Engineering
Technology

Karen Cicciari, Adjunct Professional Assistant,
Counseling

Linda M. Cimino, Adjunct Assistant Professor,
Nursing

Dori Cinque, Adjunct Assistant Professor, Physical
Education/Dietetic Technician/Health Careers

Anthony Cinquemani, Adjunct Instructor,
Mathematics

Susan Cirillo, Adjunct Instructor, Health Careers

Robert F. Civitella, Adjunct Instructor, Student
Affairs

Erin Lee Clark, Adjunct Instructor, Library Services

Phillip Clark, Adjunct Assistant Professor, Student
Affairs

Thomas Clavin, Adjunct Assistant Professor,
English/Journalism

Peter Clement, Adjunct Assistant Professor,
Psychology

Joanne Clemente, Adjunct Instructor, Nursing

Loretta Clemente, Adjunct Instructor, Student
Affairs

Cheryl Clifford, Adjunct Professor, Business
Administration

Kathleen Clifford, Adjunct Associate Professor,
Nursing

Christine Clifton, Adjunct Instructor, Library
Services

Maureen Clinton, Adjunct Professor, Health Careers

Jason Clough, Adjunct Instructor, Physics

Michael Coblentz, Adjunct Professional Assistant,
Business and Technology

Gia Codispoli, Adjunct Professional Assistant I,
Veterinary Science

Douglas Cody, Adjunct Assistant Professor,
Chemistry

Robert Coffey, Adjunct Assistant Professor,
Computer Science/Information Technology

Robert Cognato, Adjunct Assistant Professor,
Library Services

David Cohen, Adjunct Instructor, Mathematics

Lynn Cohen, Adjunct Associate Professor, English/
College Seminar

Richard Cohen, Adjunct Associate Professor,
Physical Education

Stuart Cohen, Adjunct Assistant Professor, Health
Careers

Tara Cohen, Adjunct Instructor, College Seminar

Bernadette Colavito, Adjunct Instructor and
Professional Assistant I, Graphic Design

Robert Colavito, Adjunct Instructor, Academic Skills
Center

Emily Colicchio, Adjunct Instructor, Counseling

Allison L. Colletti, Adjunct Instructor, Library
Services

Thomas Colletti, Adjunct Instructor, History

Patricia A. Colombraro, Adjunct Assistant Professor,
Visual Arts

Aura Colon, Adjunct Instructor, Foreign Language

Adrienne Colonna, Adjunct Instructor, Dietetic
Technician

Lauren Coman, Adjunct Professional Assistant I,
Biology

Tara Comiskey, Adjunct Instructor, Criminal Science

Stephen Conklin, Adjunct Professional Assistant II,
Distance Learning/Academic Computing

Maura Conley, Adjunct Instructor, English

Nancy M. Conlon, Adjunct Associate Professor,
English/College Seminar

James Connors, Adjunct Assistant Professor,
Mathematics

Alanna Connolly, Adjunct Professional Assistant II,
Mathematics

Emily Connolly, Adjunct Assistant Professor,
Mathematics

Gregory Connors, Adjunct Instructor, Physical
Education

William F. Connors, Adjunct Professor, Counseling/
Business

Michael J. Conrad, Adjunct Instructor, Behavioral
Science

Gary T. Conte, Adjunct Associate Professor, Earth
Science

Cathleen M. Contino, Adjunct Professional Assistant
I, Call Center: Student Affairs

Susanne K. Contri, Adjunct Instructor, Nursing

Brian Conway, Adjunct Instructor, History

Kristin Conway, Adjunct Instructor, Business
Administration

Donna Cooke, Adjunct Instructor, Counseling

Stephanie Cooke, Adjunct Instructor, Psychology

Meaghan Cooley, Adjunct Instructor, Mathematics

Robyn Cooper, Adjunct Instructor, Visual Arts

Kathleen Corbisiero, Adjunct Professional Assistant
II, Earth and Space Science/Physics

Lisa M. Cordani-Stevenson, Adjunct Assistant
Professor, Anthropology

Michael Cortes, Adjunct Instructor, Computer
Science and Information Technology

Lester Corrian, Instructor, Mathematics/Academic
Tutoring Center

Nancy S. Corso, Adjunct Instructor, History

Steven Corso, Adjunct Instructor, History

Donald Coscia, Adjunct Professor, Mathematics

Frank Coscia, Adjunct Professor, Mathematics

Giuseppe Costa, Adjunct Assistant Professor,
Foreign Language

Jean Costa, Adjunct Professional Assistant I,
Academic Affairs

- Rose M. Costanzo, Adjunct Assistant Professor, American Sign Language
 William Costello, Adjunct Instructor, Criminal Justice
 Jessica Cox, Adjunct Instructor, Reading/College Seminar
 Cheryl Coyle, Adjunct Instructor, College Seminar
 Dawn Coyle, Adjunct Professional Assistant, Student Services
 Patricia Coyle, Adjunct Associate Professor, Sociology
 Robert Craig, Adjunct Professional Assistant I, Earth Science
 Michael Cressy, Adjunct Instructor, Biology
 Beth A. Crimi, Adjunct Instructor, Mathematics
 Frank Croce, Adjunct Assistant Professor, Business
 Kimberly Cronin, Adjunct Instructor, Library Services
 Daniel Crough, Adjunct Instructor, EMT
 Jennifer Crowe, Adjunct Instructor, Reading
 Ann Marie Csorny, Adjunct Instructor, Human Services/Interdisciplinary Studies
 Anthony Cuccaro, Adjunct Associate Professor, Veterinary Science
 Louis Cuccurese, Adjunct Instructor, Health Careers/College Seminar
 Samantha Cuiffo, Adjunct Professional Assistant I, Biology
 Stephen Cummings, Adjunct Professional Assistant I, Educational Technology Unit
 Martin Curley, Adjunct Professional Assistant I, Academic Skills
 Amy Cusumano, Adjunct Instructor, Foreign Language
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 Ginger D'Amato, Adjunct Professional Assistant, Administration
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 Donna D'Ambrosio, Adjunct Instructor, Early Childhood
 Angela D'Amico, Adjunct Instructor, Reading
 Patricia J. D'Amico, Adjunct Assistant Professor, Business
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 Manning Dandridge III, Adjunct Assistant Professor, English
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 Rose A. D'Angelo, Adjunct Assistant Professor, Mathematics
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 Gerard Danzi, Adjunct Professor, Counseling
 Suzanne Darnelle-Shutter, Adjunct Instructor, Nursing
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 Russell E. David, Adjunct Associate Professor, Mathematics
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 John Maury Dean, Adjunct Professor, English, Music
 Shima Debnath, Adjunct Assistant Professor, Mathematics
 Leo DeBobes, Adjunct Associate Professor, Fire Science Technology
 Jenna DeBono, Adjunct Instructor, Psychology
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 Malek Deib, Professional Assistant I, Academic Skills
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- Elizabeth Gilfilen, Adjunct Instructor, Visual Arts
- Dan Gilhooley, Adjunct Professor, Visual Arts
- Brittney Gilliam, Adjunct Professional Assistant I, Health Careers
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- Cheryl Gillespie, Adjunct Professor, Health Careers
- Edward Gillette, Professional Assistant, Student Affairs
- Brittney Gilliam, Adjunct Professional Assistant I, Health Careers
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- Cheryl C. Giovan, Adjunct Assistant Professor, Early Childhood
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- Robert Goldman, Adjunct Instructor, Humanities / Visual Arts
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- Ingrid Gomez, Adjunct Instructor, Foreign Language
- Zergun Gonlubol, Adjunct Assistant Professor, Mathematics
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- Alan Goodrich, Adjunct Instructor, Visual Arts
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- Miesje Governale, Adjunct Instructor, Reading
- Justin Grabel, Adjunct Professional Assistant, Marine Biology
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- Munro Grant, Adjunct Professional Assistant, Chemistry
- Meagen Grauna, Adjunct Instructor, Counseling
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- Anthony Greco, Adjunct Associate Professor, Automotive Technology
- Jennifer Green, Adjunct Instructor, Health Careers
- Margaret Green, Adjunct Assistant Professor, American Sign Language
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- Heather Greene, Adjunct Instructor, Nursing
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- Christopher Guevara, Adjunct Professional Assistant I, Mathematics
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- Leonard Horowitz, Adjunct Professional Assistant I, Mathematics
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 Bill Konanez, Snap-On Tools
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 Billy Hsu, Toyota Motor Sales
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 Steven Clark, Director, Networking and Telecommunications
 Susan Frank, Associate Professor of Cybersecurity, SCCC
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 Darlene Hochman, Advisory Board Chair, Academic Chair of Education, Health, and Human Services, Professor of Education/Early Childhood, SCCC
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 Deborah Sweet, Children's Community Programs Head Start

Emergency Medical Technician: Paramedic

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 Dan Crough, M.D., Medical Director
 Michael Cruz, Mastic EMS
 Brian Danowski, Wading River Fire District/Westhampton
 Robert Delagi, Suffolk County Department of Health
 Katrin Diana, Southampton Hospital
 Carl Goodman, D.O., Community Physician
 Maury Greenberg, M.D., Community Physician
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 Michele Miller, Brookhaven Memorial Hospital
 Eric Niegelberg, University Hospital at Stony Brook
 Lindsey Paredes, SCCC Alumna
 Anthony Pelicone, Northwell Health Systems
 Mary Jo Stark, Adjunct Instructor of Health Careers, SCCC
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 Joel Vetter, Adjunct Instructor of Health Careers, SCCC
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 Angela M. Chacon, Electrical Engineer, NARDA Corporation
 Angela Chewning, Vice President, Dayton T. Brown, Inc.
 Dominic Ciordullo, Associate Professor, Nassau Community College
 Matt Jacobs, Senior Engineer, NARDA Electronics
 Richard Johnston, Professor of Engineering and Electrical Technology, SCCC

Peter Maritato, Academic Chair, Engineering and Industrial Technology; Associate Professor of Electrical Technology, SCCC
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Charles P. LaSalla, Fire Chief, Brookhaven National Laboratory
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Shawn Reardon, Manager of Training and Compliance, Miller Environmental Group, Inc.; President, American Society Safety Engineers
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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
Jason Kornweiss, Vice Preisdent of Diversified U.S.
Kathy Newberger, Cable TV Marketing Consultant
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EASTERN CAMPUS

Culinary Arts

Rich Amster, Assistant Professor of Culinary Arts, SCCC
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Vicki Colaciocco, Marketing and Business Development Manager, Scotto Brothers
Bryan Deluca, Executive Director, Atlantis Marine World
Sylvia Diaz, Executive Director, SCCC Foundation
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Andrea Glick, Assistant Professor of Culinary Arts, SCCC
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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
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Dietetic Technician

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 Elizabeth Cordano, Owner, ETU Restaurant, Bridgehampton, NY; Alumna
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 Mark Levine, General Manager, Residence Inn by Marriott, Riverhead, NY
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GRANT CAMPUS

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HVAC/R (Heating, Ventilation, Air Conditioning/Refrigeration)

Scott Berger, President, Arista Air Conditioning
Steve Bergman, Owner, Twinco Supply
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Joe Fraccalvieri, Director, POB, Grant Campus, SCCC
Richard Halley, Area Manager, Trane Corp.
Michael Herman, MJI Services
James M. Keane, Executive Dean, Grant Campus, SCCC
Wayne Lawrence, Field Technician, PETRO Oil
John Levey, President, Oilheat Associates, HVAC/R Adjunct Faculty, SCCC
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Rusty McAllister, Owner, ACE Shore Refrigeration

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Ken Mueller, Sales Engineer, Daikin McQuay
Michael O'Rourke, President, Best Climate Control
John Ottaviano, Owner/President, Air Ideal
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Paul Ronning, Operations Manager, Southside Hospital
Frank Sciavone, Sav Mor Mechanical
Yvette Soto-Gitelman, Arista Air Conditioning
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NOTE: Entries in **bold** indicate Curricula which are described in detail on pages 101-186.

NOTES

NOTES

SUFFOLK AT A GLANCE

(continued from inside front cover)

Financial Aid: SCCC awards more than \$61 million in federal and state financial aid to almost 17,000 students annually. A tuition payment plan is available.
The Suffolk Community College Foundation also awards more than \$600,000 in scholarships each year.
Federal Grants and Loans: PELL Grants; Supplemental Educational Opportunity Grants (SEOG); College Work Study; STEM (Science, Technology, Engineering, and Mathematics) Grant; William D. Ford Federal Direct Loan Program
New York State Grants: Excelsior Scholarship Program; Tuition Assistance Program (TAP); New York State STEM (NYSSSTEM); Aid for Part-Time Study (APTS); State Aid to Native Americans
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

Athletics: Intercollegiate sports (Division III of the National Junior College Athletic Association – NJCAA)

Men: Baseball, Basketball, Bowling, Cross Country, Golf, Lacrosse, Soccer, Tennis, Track

Women: Basketball, Bowling, Cross Country, Lacrosse, Soccer, Softball, Tennis, Track, Volleyball

Cheer Team, Dance Team, Equestrian, 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 22 Students
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

