



Suffolk

COUNTY COMMUNITY COLLEGE

CATALOG 2006-2008



A unit of the State University of New York



SUFFOLK AT A GLANCE

- Type:** Co-ed two-year public community college
- Setting:** Suburban/rural
- 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 Association of Colleges and Schools
American Bar Association
American Dietetic Association
American Health Information Management Association
American Occupational Therapy Association
American Veterinary Medical Association
Commission on Accreditation in Physical Therapy Education
National Automotive Education Technical Foundation
National League for Nursing Accrediting Commission
- Academic Programs:** 69 curricula
31 sequences and options
475 full-time faculty; 1,289 adjunct faculty
- Student Body:**

Total	22,450		
Ammerman	6,086 full-time	6,114 part-time	12,200 total
Eastern	1,070 full-time	1,748 part-time	2,818 total
Grant	3,402 full-time	4,030 part-time	7,432 total

Gender Female 60%; Male 40%

Age 18-24, 65%; 25 and over, 35%

Ethnic White 70%; Black 6.9%; Hispanic 10.9%; Asian Pacific 2.6%;
American Indian .3%; Other 8.5%; Unknown .8%
- Estimated Annual Expenses:** Tuition and fees (residents) – \$3,542; books and supplies – \$850 [as of fall 2005]
- Financial Aid:** SCCC awards more than \$27 million in federal and state financial aid to more than 10,000 students annually. A tuition payment plan is available.
250 SCCC scholarships totaling more than \$250,000
Federal grants and loans: PELL Grants; Supplemental Educational Opportunity Grants (SEOG); College Work Study; Federal Family Education Loan Program (FFELP)
New York State grants: Tuition Assistance Program (TAP); Aid for Part-Time Study (APTS); State Aid to Native Americans
Other sources of aid: Vocational and Educational Services for Individuals with Disabilities (VESID); Veterans GI Bill Benefits; Division of Military and Naval Affairs (DMNA) Educational Incentive Program for veterans on reserve status; New York State Department of Labor/Department of Social Services; Employer Tuition Reimbursement Programs



CATALOG VOLUME 41
2006-2008

*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 Web Site:

<http://www.sunysuffolk.edu>

Suffolk County Community College is an affirmative action/equal opportunity employer and educator. It does not discriminate on the basis of race, color, national or ethnic origin, citizenship status, sexual orientation, religion, sex, age, disability, or veteran or marital status. Compliance office: Executive Assistant to the President, Norman F. Lechtreck Building, Ammerman Campus, 631-451-4118.



YOUR SUCCESS STARTS AT SUFFOLK

BY DR. SHIRLEY ROBINSON PIPPINS, PRESIDENT

Suffolk County Community College is a great place to pursue your education. A community college experience stands as an excellent option for students seeking affordable, quality higher education in small class settings led by faculty with credentials from many of the country's most acclaimed colleges and universities. Here at SCCC you will have a rewarding collegiate experience, find a true sense of community and discover opportunities to grow both academically and personally.

Traditionally many of our graduates continue on to four-year institutions. We have transfer and joint admissions agreements with many prestigious four-year schools located locally and around the country. This means you can earn your associate's degree from Suffolk then transfer with full credit to a highly rated four-year college or university to pursue your bachelor's degree. By spending the first two years of your higher education experience here at Suffolk, you'll receive a quality education while saving thousands of dollars. There is no doubt SCCC provides a practical choice for financially savvy students and their families.

As a comprehensive community college, we see our role as crucial to supporting and enhancing the quality of life here on Long Island. We accomplish this by offering programs, instruction and student support services that allow us to develop, train and retrain the region's workforce—preparing tomorrow's world-class employees.

Whether you are starting your education, seeking to advance in your current job, or have made the decision to transition into another career, SCCC is your resource. Our campus locations in Selden, Riverhead and Brentwood, and our satellite center in Sayville, will allow you to attend when it's convenient for you—days, evenings, or even weekends.

Our commitment to excellence translates into a broad range of goals for the college. From enhancing the probability of success for students who need extra support, to maintaining an academically challenging environment for our honors students, to working closely with area businesses to meet their current and projected work force demands, our operating goal is to ensure we are meeting the full spectrum of student and community needs.

If you have any questions, please call us at 631-451-4000 or visit our Web site at www.sunysuffolk.edu. I look forward to seeing your success start here.



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Academic Calendar 2006-2007

Fall 2006

August 23	Wednesday	Late registration period begins to phase in*
August 29	Tuesday	All College Day; professional development activities
August 30	Wednesday	Day classes begin
September 4	Monday	Labor Day: no classes
September 6	Wednesday	Evening classes begin**
September 9-10	Sat./Sun.	Saturday and Sunday classes begin
September 22	Friday	Rosh Hashanah: day classes meet; no evening classes
September 23	Saturday	Rosh Hashanah: no classes
September 24	Sunday	Rosh Hashanah: no classes
October 2	Monday	Yom Kippur: no classes
October 30	Monday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
November 7	Tuesday	Monday day classes meet; no evening classes scheduled
November 10	Friday	Veterans Day observed: no classes
November 13	Monday	Priority registration begins for spring 2007 semester
November 22	Wednesday	Thanksgiving recess begins: no classes
November 27	Monday	Classes resume
December 16-17	Sat./Sun.	Last meeting of Saturday and Sunday classes
December 20	Wednesday	Friday day and evening classes meet instead of Wednesday day and evening classes
December 20	Wednesday	Last meeting of day and evening classes
December 21-22	Thur./Fri.	College make-up dates for day and evening classes, if necessary***
December 23	Saturday	College make-up date for Saturday/Sunday classes, if necessary***

Wintersession 2006-2007

December 26	Tuesday	Classes begin
January 1	Monday	New Year's Day: no classes
January 3	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
January 12	Friday	Last meeting of classes
January 13	Saturday	College make-up date, if necessary***

Spring 2007

January 15	Monday	Late registration period begins to phase in*
January 22	Monday	Day classes begin
January 27-28	Sat./Sun.	Saturday and Sunday classes begin
January 29	Monday	Evening classes begin**
February 19-20	Mon.-Tues.	Mid-Winter recess: no classes
March 19	Monday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
April 2	Monday	Spring recess begins
April 9	Monday	Classes resume
April 16	Monday	Priority registration begins for fall 2007 semester
May 5-6	Sat./Sun.	Last meeting of Saturday and Sunday classes
May 12-13	Sat./Sun.	Saturday and Sunday make-up dates, if necessary***
May 15	Tuesday	Last meeting of day and evening classes
May 16-18	Wed.-Fri.	College make-up days, if necessary***
May 20	Sunday	Commencement

First 5-Week Summer Day/Evening Session 2007

May 29	Tuesday	Classes begin
June 13	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
June 28	Thursday	Last meeting of classes

Second 5-Week Summer Day/Evening Session 2007

July 2	Monday	Classes begin
July 4	Wednesday	Independence Day: no classes
July 18	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
August 2	Thursday	Last meeting of classes

8-Week Summer Day/Evening Session 2007

May 29	Tuesday	Classes begin
June 21	Thursday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
July 4	Monday	Independence Day: no classes
July 19	Thursday	Last meeting of classes

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

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

*** May be required in the event of a campus or collegewide closing during the semester/session

Academic Calendar 2007-2008

Fall 2007

August 20	Monday	Late registration period begins to phase in*
August 27	Monday	Day classes begin
September 3	Monday	Labor Day : no classes
September 4	Tuesday	Evening classes begin**
September 8-9	Sat./Sun.	Saturday and Sunday classes begin
September 11	Tuesday	All College Day: professional development activities; no classes
September 12	Wednesday	Rosh Hashanah: day classes meet; no evening classes
September 13	Thursday	Rosh Hashanah: no classes
September 14	Friday	Rosh Hashanah: no classes
September 21	Friday	Yom Kippur: day classes meet; no evening classes
September 22	Saturday	Yom Kippur: no classes
October 29	Monday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
November 12	Monday	Veterans Day observed: no classes
November 13	Tuesday	Priority registration begins for spring 2008 semester
November 20	Tuesday	Thursday day and evening classes meet instead of Tuesday day and evening classes
November 21	Wednesday	Thanksgiving recess begins; no classes
November 26	Monday	Classes resume
December 15-16	Sat./Sun.	Last meeting of Saturday and Sunday classes
December 19	Wednesday	Friday day classes meet instead of Wednesday day classes; Wednesday evening classes meet
December 19	Wednesday	Last meeting of day classes
December 20	Thursday	Friday evening classes meet instead of Thursday evening classes
December 20	Thursday	Last meeting of evening classes
December 20	Thursday	College make-up date for day classes, if necessary***
December 21	Friday	College make-up date for day and evening classes, if necessary***
December 22	Saturday	College make-up date for Saturday/Sunday classes, if necessary***

Wintersession 2007-2008

December 26	Wednesday	Classes begin
January 1	Tuesday	New Year's Day: no classes
January 7	Monday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
January 15	Tuesday	Last meeting of classes
January 16	Wednesday	College make-up date, if necessary***

Spring 2008

January 17	Thursday	Late registration period begins to phase in*
January 24	Thursday	Day classes begin
January 26-27	Sat.-Sun.	Saturday and Sunday classes begin
January 31	Thursday	Evening classes begin**
February 18	Monday	Presidents Day: no classes
March 11	Tuesday	All College Day: professional development activities; no classes
March 20	Thursday	Spring recess begins
March 29	Saturday	Classes resume
April 7	Monday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
April 14	Monday	Priority registration begins for fall 2008 semester
April 19-21	Sat.-Mon.	Passover celebrated: no classes
April 22	Tuesday	Classes resume
May 10-11	Sat.-Sun.	Last meeting of Saturday and Sunday classes
May 17-18	Sat.-Sun.	Saturday and Sunday make-up dates, if necessary***
May 21	Wednesday	Monday day and evening classes meet instead of Wednesday day and evening classes
May 21	Wednesday	Last meeting of day and evening classes
May 22-23	Thurs./Fri.	College make-up dates, if necessary***
June 1	Sunday	Commencement

First 5-Week Summer Day/Evening Session 2008

June 2	Monday	Classes begin
June 17	Tuesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
July 2	Wednesday	Last meeting of classes

Second 5-Week Summer Day/Evening Session 2008

July 7	Monday	Classes begin
July 22	Tuesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
August 6	Wednesday	Last meeting of classes

8-Week Summer Day/Evening Session 2008

June 2	Monday	Classes begin
June 25	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
July 22	Tuesday	Last meeting of classes

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

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

*** May be required in the event of a campus or collegewide closing during the semester/session



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 in Selden**, renamed in honor of the college's founding president, Dr. Albert M. Ammerman. The second year of operation opened with over 1400 full- and part-time students. In June 1962 the college held its first commencement exercises, at which 42 graduates received associate degrees. Two other permanent campuses were opened — the **Michael J. Grant Campus in Brentwood** in 1974 and the **Eastern Campus in Riverhead** in 1977.

Today, the Ammerman Campus encompasses 156 acres and has 14 academic, administrative and auxiliary buildings.

The Michael J. Grant Campus occupies a site of 207 acres with 13 academic, administrative and auxiliary buildings, including a 95,000-square-foot building which houses classrooms, laboratories, the library and a theatre. A 250,000-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 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.

The Eastern Campus, located on a 192-acre site in the Pine Barrens of eastern Long Island, comprises five academic buildings, a state-of-the-art greenhouse and two auxiliary buildings.

In 2005, in an effort to revitalize traditional downtown areas and provide additional access for residents to educational opportunities, the

college embarked on opening two downtown satellite educational centers. A downtown center opened in Sayville, in conjunction with Good Samaritan Hospital Medical Center, specifically to address the region's nursing shortage. Located close to public transportation, the facility includes state-of-the-art laboratories for nursing, medical assisting and anatomy and physiology classes, and offers courses in the allied health professions and continuing education.

The same year, the college completed the planning and design of a new Culinary Arts and Hospitality Educational Center in downtown Riverhead. It is intended to increase instructional space and enrollment in the program as well as address regional workforce needs. The center includes culinary laboratories, a demonstration theatre/lecture hall, multipurpose classrooms, and an on-premise retail bakery and café operated by students.

Suffolk County Community College is the largest multi-campus community college in the State University of New York (SUNY) system, enrolling 22,705 students. It offers 69 degree and certificate programs in business; communications and the arts; computing; health, community and human services; liberal arts/university parallel; and technical, scientific and engineering studies. The original full-time faculty of fewer than a dozen has grown to more than 450. By 2005 the college had graduated more than 86,312 persons. In addition, SCCC is one of the leading community colleges in the nation in producing Phi Theta Kappa Academic All-Americans.

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

STATE UNIVERSITY OF NEW YORK (SUNY)

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

SUNY's 64 statewide campuses bring educational opportunity within commuting

distance of virtually all New York citizens and comprise the nation's largest, centrally managed 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 7,669 degree and certificate programs at its 64 campuses. Certificate and degree opportunities range from one-year certificates of completion and two-year associate degree programs to doctoral studies offered at 12 senior campuses.

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

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

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

SUNY is governed by a board of trustees, appointed by the governor, which directly determines the policies to be followed by the 34 state-supported campuses. Community colleges have their own local boards of trustees whose relationship to the SUNY board is defined by law. The state contributes one-third to 40 per cent of their operating cost and one-half of their capital costs.

The State University motto is: *"To Learn – To Search – To Serve."*

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, fostering and inspiring student success, and

creating diverse opportunities for lifelong learning. By attracting strong leadership and distinguished faculty to a college of excellence, an enriched learning environment is created that empowers students to transform their lives.

PROFESSIONAL ASSOCIATIONS

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

ACCREDITATIONS

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

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

INDIVIDUAL CURRICULA ARE ACCREDITED AS FOLLOWS:

Ammerman Campus

Automotive Service Specialist A.A.S. degree curriculum: certified by the National Automotive Education Technical Foundation.

Nursing A.A.S. degree curriculum: accredited by the National League for Nursing Accrediting Commission.

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

Physical Therapist Assistant A.A.S. degree curriculum: accredited by the Commission on Accreditation in Physical Therapy Education.

Eastern Campus

Dietetic Technician A.A.S. degree curriculum: accredited by the Commission on Accreditation/Approval for Dietetics Education (CAADE) of the American Dietetic Association.

Grant Campus

Health Information Technology/Medical Records A.A.S. degree curriculum: accredited by the Commission on Accreditation for Health Informatics and Information Management Education (CAHIIM).

Nursing A.A.S. degree curriculum: accredited by the National League for Nursing Accrediting Commission.

Occupational Therapy Assistant A.A.S. degree curriculum: accredited by the Accreditation Council for Occupational Therapy Education of the American Occupational Therapy Association.

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

Veterinary Science Technology A.A.S. degree curriculum: accredited by the American Veterinary Medical Association's Committee on Veterinary Technician Education and Activities.

LIBRARIES

The library homepage, <http://www.suny-suffolk.edu/Library>, is a portal to the extensive academic library collections and information services available at Suffolk County Community College. Library information resources, instruction and services are available at each campus. The campus libraries collectively offer a book collection totaling 230,000 volumes with 1486 unique periodical titles. More library resources than ever before are available through online library databases that link to over 15,000 periodicals and newspapers. Library databases include *Academic Search Premier*, *Infotrac*, *Literature Resource Center*, *Health Source*, *FirstSearch* and *Science Direct*. In addition, a wide assortment of media and digital materials are available to support classroom and individual learning needs. Students and faculty can access library collections in the libraries on the campuses and from remote locations with Internet connectivity.

Library faculty are available to assist students with their research needs and classroom assignments. In collaboration with discipline

faculty, students are taught effective research techniques, search strategies and critical thinking skills that promote information literacy. The libraries provide additional opportunities for students to gain proficiency using and evaluating information sources by offering credit courses entitled "Research Essentials: The Library and the Internet" (LR11, 1.5 credits) and "Library Research Methods" (LR15, 3 credits). A description of the content of these courses can be found under "Library Research" in the Courses section of this catalog.

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

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

ACADEMIC COMPUTING

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

In addition, each lab has a software library which contains the most current and relevant commercial software. Software for drill and practice, tutorials and simulations is also avail-

able, as well as software used or taught in the classroom.

On the Ammerman Campus the lab is located on the lower level of the Huntington Library and consists of five rooms used as open labs and classrooms with Windows-PC and Macintosh computers. The lab also houses laser and inkjet printers, optical text and graphic scanners and aids for the physically handicapped. The lab is open six 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. Two classrooms are equipped with Macintosh workstations and are used primarily for the graphic design and computer art curricula. There are three Windows-PC classrooms which serve the computing needs of the campus academic programs. The open lab is equipped with both Windows-PC and Macintosh computers for general student and faculty use. The open lab is generally available day and evening Monday-Friday and during the day on Saturday when classes are in session. A reduced schedule is in effect during the summer and semester breaks.

There are three academic computing labs on the Grant Campus. The Sagtikos computer center is located within the library in the Sagtikos Building. The newest lab is located in the Health, Sports and Education Building. Computer labs offer a fully networked Windows-PC environment and provide an open lab as well as instructional and administrative services. The open lab is available to students from every curriculum for a myriad of uses including word processing, Internet connections and e-mail. Both labs are open Monday through Friday; the Sagtikos computer lab also offers Saturday and Sunday hours.

CAMPUS LOCATIONS, MAPS, FACILITIES AND TELEPHONE NUMBERS

CENTRAL ADMINISTRATION

533 College Road
Selden, NY 11784-2899

ADMINISTRATIVE OFFICES (area code is 631)

(located on the Ammerman Campus unless noted otherwise)

General Information	451-4110	Corporate Training Center*	851-6200
Admissions	451-4000	Credit for Prior Learning	451-4696
Adult Learner Programs	451-4696	(life experience)	
Alumni Association	451-4630	Distance Learning/Online Courses	451-4656
Associate Vice President		Educational Opportunity	
Campus Affairs	451-4129	Program (EOP)	451-4356
Board of Trustees	451-4112	Employee Resources	451-4207
College Associate Deans		Employment, Central Positions	451-4200
Curriculum and Assessment	451-4174	English as a Second	
Educational Resources**	854-4941	Language (ESL)**	851-6519
General Education	451-4409	Executive Assistant to the President	451-4118
Institutional Advancement	451-4846	Facilities	451-4743
Institutional Effectiveness	451-4842	Faculty Association	451-4151
Instructional Technology	451-4588	Financial Affairs	451-4236
Library and Learning Resources	451-4172	Financial Aid	451-4108
Nursing		Gifts and Donations	451-4846
Ammerman Campus	451-4265	Graduation	451-4566
Grant Campus	851-6571	Grants	451-4862
Planning and College		Honors Program	451-4778
Master Scheduling*	851-6761	Institutional Effectiveness	451-4214
Professional Advancement	451-4311	Legal Affairs	451-4235
Student Services	451-4737	Library Services	451-4172
Student Success Program	451-4737	Payroll	451-4206
Transitional English as a Second		Personnel	451-4207
Language Program*	851-6522	President	451-4112
College Association	732-1617	Publications	451-4115
College Dean of Enrollment		Purchasing and Accounts Payable	451-4230
Management	451-4026	Registrar	451-4020
College Dean of Faculty	451-4259	Security and Fire Safety	451-4212
College Dean of Students	451-4737	Sexual Harassment	451-4118
College Foundation	451-4846	Transcripts	451-4012
College Success Program	451-4710	Transfer Credit Evaluation	451-4035
Computer and Information		Vice Presidents	
Systems	451-4205	Academic and Student Affairs	451-4244
Computer Center	451-4282	Business and Financial Affairs	451-4231
Continuing Education (non-credit		Institutional Advancement	451-4846
courses and programs)	451-4114	Workforce and Economic	
		Development	451-4776

*located on the Grant Campus

**located at the Sayville Center

Note: See the *DIRECTORY OF COLLEGE SERVICES* on pages 351-352 for additional phone numbers.

AMMERMAN CAMPUS
533 College Road
Selden, NY 11784-2899

AMMERMAN CAMPUS ADMINISTRATIVE OFFICES

General Information 451-4110
 Executive Dean 451-4330
 Associate Dean of Academic Affairs 451-4251
 Assistant Dean of Academic Affairs 451-4058
 College Associate Dean for
 General Education 451-4409
 College Associate Dean for Library and Learning
 Resources/Head Librarian. 451-4182
 Administrative Director of
 Business Services 451-4080

AMMERMAN CAMPUS ACADEMIC OFFICES

Academic Computing Lab. 451-4211
 Accounting/Business
 Administration 451-4262
 Automotive Technology. 451-4900
 Biology 451-4316
 Communications 451-4147
 Computer Science/Information. 451-4657
 Cooperative Education. 451-4760
 Criminal Justice 451-4336
 Education, Health and Human
 Services. 451-4299
 Engineering/Industrial
 Technology. 451-4274
 English 451-4159
 English as a Second Language 451-4707
 Foreign Languages 451-4158
 Honors Program 451-4778
 Interdisciplinary Studies/
 Women's Studies. 451-4365
 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 451-4162
 Reading/College Seminars. 451-4158
 Sayville Center. 854-4940
 Social Sciences 451-4336
 Theatre 451-4164
 TV/Radio/Film 451-4619
 Visual Arts 451-4093
 Writing Center 451-4150

AMMERMAN CAMPUS STUDENT SERVICES OFFICES

Admissions. 451-4022
 Advising and Testing 451-4056
 Associate Dean of Student Services 451-4044
 Athletics 451-4380
 Campus Activities. 451-4375
 Career Services 451-4049
 Children's Learning Center 451-4388
 College Success Program 451-4355
 Counseling Center 451-4053
 Educational Opportunity Program 451-4356
 Financial Aid 451-4072
 Multicultural Affairs. 451-4816
 Public Safety. 451-4242
 Registrar 451-4004
 Special Services 451-4045
 Student Support Services Program 451-4693

All phone number use area code 631.

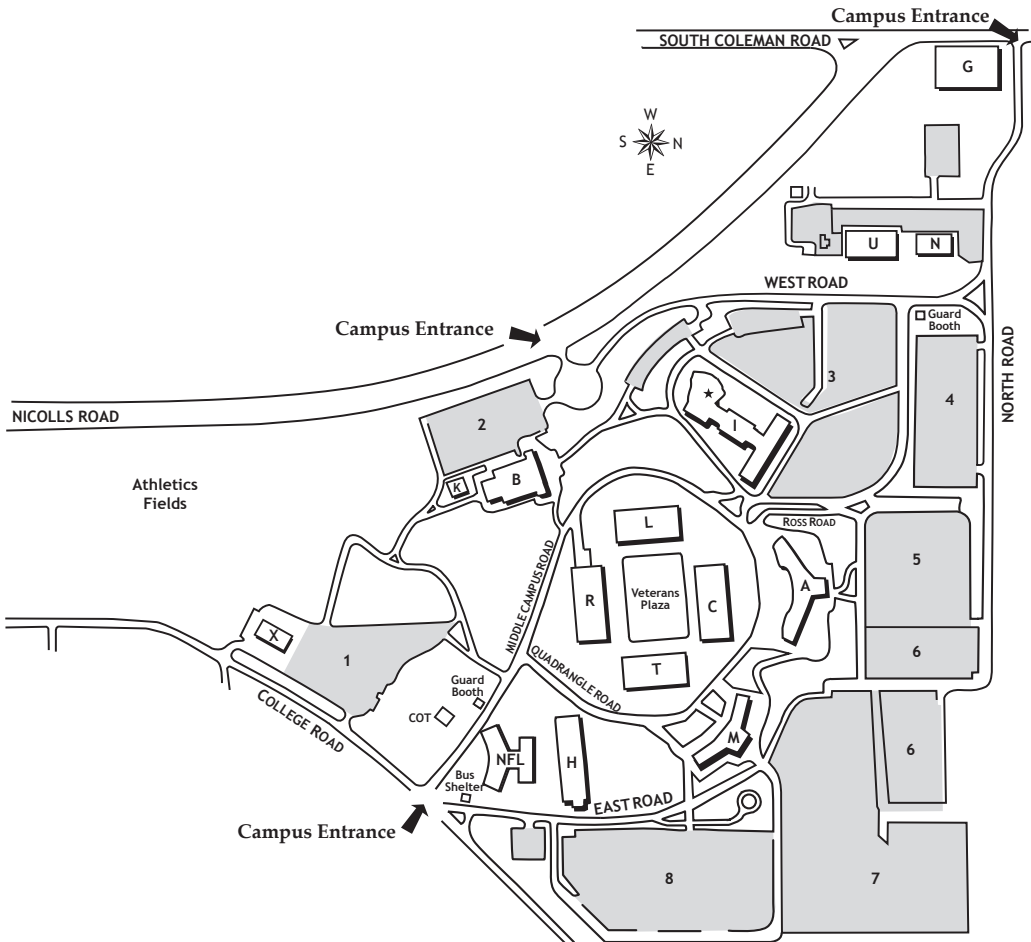
Note: See the DIRECTORY OF COLLEGE SERVICES on pages 351-352 for additional phone numbers.

AMMERMAN CAMPUS, SELDEN:

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

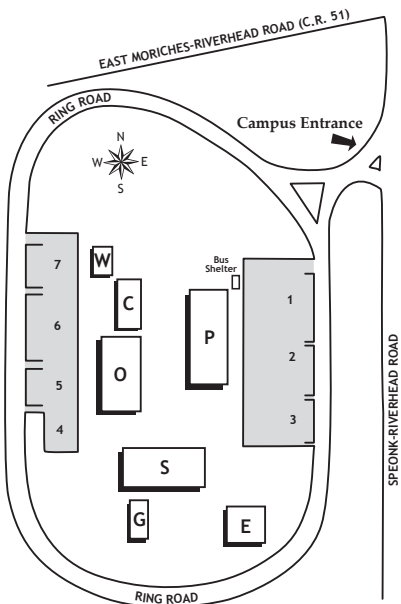
The Ammerman Campus is served by the following Suffolk County Transit bus routes: S-58, S-63, S-71, 6A, 6B.

- A Ammerman Building/Administration
- B Brookhaven Gymnasium
- C Babylon Student Center
- COT The Cottage
- G Automotive Technology Building
- H Southampton Building
- I Islip Arts Building
- K Campus Kids Children's Learning Center (Child Care)
- L Huntington Library
- M Kreiling Hall
- N North Building
- NFL Norman F. Lechtrecker Building
- R Riverhead Technology Building
- T Smithtown Science Building
- U Plant Operations and Public Safety Annex
- ★ Shea Theatre
- 1-8 Parking Fields



EASTERN CAMPUS
 121 Speonk-Riverhead Road
 Riverhead, NY 11901-3499

- W Woodlands Building
- C Corchaug Building
- E Energy Plant
- G Greenhouse
- O Orient Building
- P Peconic Building
- S Shinnecock Building and Public Safety
- 1-7 Parking Fields



EASTERN CAMPUS, RIVERHEAD:

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 3½ 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 ¼ mile to the traffic circle. Take the first right (Rt. 24) off the traffic circle and go ¼ 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
Campus Dean	548-2564
Associate Dean of Student Services	548-2514
Associate Dean for Academic Affairs	548-2560
Academic Chair for Business, Social Science and Visual Arts	548-2591
Academic Chair for Humanities	548-2578
Academic Chair for Mathematics and Science	548-2670
Administrative Director of Business Services	548-2546
Campus Head Librarian	548-2540
Educational Technology Unit	548-2594

EASTERN CAMPUS STUDENT SERVICES OFFICES

Admissions	548-2512
Advising And Testing	548-2527
Associate Dean of Student Services	548-2514
Campus Activities	548-2522
Career Services	548-2527
College Success Program	548-2527
Counseling Center	548-2527
Educational Opportunity Program	548-2527
Financial Aid	548-2525
Public Safety	548-3636
Multicultural Affairs	548-2634
Registrar	548-2502
Special Services	548-2524
Student Support Services Program	548-2527

All phone number use area code 631.

Note: See the *DIRECTORY OF COLLEGE SERVICES* on pages 351-352 for additional phone numbers.

MICHAEL J. GRANT CAMPUS

Crooked Hill Road
Brentwood, NY 11717-1092

GRANT CAMPUS ADMINISTRATIVE OFFICES

General Information	851-6700
Campus Dean	851-6520
Administrative Director of Business Services	851-6733
Associate Dean of Student Services	851-6760
Associate Dean for Academic Affairs	851-6523
Campus Head Librarian	851-6746
College Associate Dean for Nursing	851-6571
College Associate Dean for Planning and College Master Scheduling	851-6761
College Associate Dean for Transitional English as a Second Language Program	851-6522

GRANT CAMPUS ACADEMIC OFFICES

Academic Computer Lab	851-6556
Academic Skills Center (academic support services, tutoring)	851-6795
Accounting and Business Administration	851-6766
Allied Health Programs	851-6342
Arts and Humanities	851-6864
Communication and Language Arts	851-6536
Computer Information Systems/ Office Technology	851-6766
English	851-6549
Mathematics	851-6569

Natural Sciences	851-6551
Nursing	851-6342
Physical Education	851-6785
Social Sciences	851-6548
Veterinary Science	851-6289/6301

GRANT CAMPUS STUDENT SERVICES OFFICES

Admissions	851-6719
Advising And Testing	851-6251
Associate Dean of Student Services	851-6521
Athletics	851-6706
Campus Activities	851-6702
Career Services	851-6876
College Success Program	851-6712
Counseling Center	851-6250
Educational Opportunity Program	851-6707
Financial Aid	851-6712
Kids' Cottage Children's Learning Center	434-1363
Multicultural Affairs	851-6341
Public Safety	851-6777
Registrar	851-6780
Special Services	851-6250
Student Support Services Program	851-6778

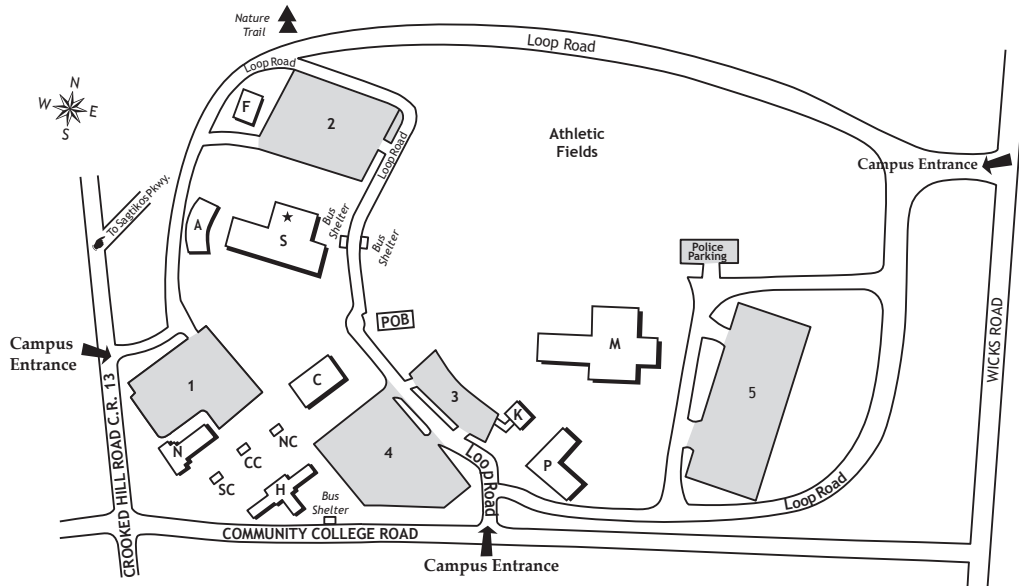
All phone number use area code 631.

*Note: See the DIRECTORY OF COLLEGE SERVICES
on pages 351-352 for additional phone numbers.*

MICHAEL J. GRANT CAMPUS

Crooked Hill Road
Brentwood, NY 11717-1092

- | | | | |
|----|---|-----|-------------------------------------|
| A | Sally Ann Slacke Corporate Training Center | M | Health, Sports and Education Center |
| C | Captree Commons | N | Nesconset Hall |
| CC | Center Cottage | NC | North Cottage–Public Safety |
| F | Asharoken Hall | P | Paumanok Hall |
| H | Caumsett Hall | POB | Plant Operations |
| K | Suffolk Kids' Cottage Children's Learning Center (Child Care) | S | Sagtikos Arts and Sciences |
| | | SC | South Cottage |
| | | ★ | Van Nostrand Theatre |
| | | 1-5 | Parking Fields |



GRANT CAMPUS, BRENTWOOD:

Take the Long Island Expressway (I-495) to Exit 53 (Sagtikos Parkway/Wicks Road). Follow signs to Wicks Road. Go south ½ mile on Wicks Road to campus entrance on right.

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



SCCC Alumnus Profile

Dr. John Chinnici, Class of 1977 Chiropractor

The youngest of five children born to first-generation Italian-American parents, John was taught the value of a college education. But when his father was stricken with a pulmonary illness that prevented long-term employment, he and his siblings faced the hardships and challenges of having a disabled parent. Nevertheless, through their own hard work and the financial support of Basic Educational Opportunity grants, they all graduated from Suffolk County Community College and went on to higher levels of education.

After graduating from SCCC and transferring to Stony Brook University to earn a bachelor's degree in biological sciences, Dr. Chinnici enrolled at the National College of Chiropractic in Illinois. There he earned a second bachelor's degree in 1981 and a Doctor of Chiropractic in 1982. A member of the New York State Chiropractic Association, he has since received numerous certificates and licensures and has done

post-graduate study in such areas as manipulation under anesthesia, industrial back injuries and headaches.

In 1983 Dr. Chinnici returned to his hometown of East Islip, where he established a general chiropractic practice and was able to provide care for his aging parents. Over the years he has been active in the community as a trustee and vice president of the East Islip School District Board of Education. He has also been a member of the Rotary Club of Islip for twenty-three years, and has served as its president and community service director, as well as an assistant governor for the Suffolk County Rotary District 7260.

Recently, Dr. Chinnici was instrumental in finding funds for a new outdoor classroom in the Grant Campus Nature Preserve. As a member of Rotary, he was asked by an SCCC administrator, who happened to be a friend, if funding from the organization might be available for outdoor classroom furniture. Through his help, it was. He coordinated the effort with five different Rotary Clubs in Suffolk County to raise the funds for picnic tables and benches that can accommodate twenty-four students.

Dr. Chinnici appreciates the opportunity SCCC provided him and his family. "If it weren't for supportive parents and local institutions like Suffolk County Community College, someone's future could turn out quite differently," he says.



Enrollment Process

The complete outlines of the Programs of Study listed in the following chart can be found on pages 93-179 in the Curricula section of this catalog.

PROGRAMS OF STUDY/CURRICULA

Degree	Curriculum	Campus	Code	Day/ Evening	Minimum Requirements for Entering Students
AAS	Accounting (Career Option)	A E G	335-1	BOTH	
AS	Accounting ³ (Transfer Option)	A E G	208-1	BOTH	Math A and B; 80 H.S. average
Cert	Accounting	A E G	407-1	BOTH	
AAS	American Sign Language Interpreter for the Deaf Sequence*	A	341-1	EVE	Contact campus Admissions Office
	American Sign Language Studies Sequence	A	341-2	EVE	
AAS	Automotive Service Specialist* General Motors Option	A	369-1	DAY	Math A; all students tested by department
	Generic Option	A	369-2	DAY	
AAS	Business Administration (Career Option)				
	Campus-Based Curriculum	A E G	315-1	BOTH	
	Online Curriculum	O O O	315-9	ONLINE	
AS	Business Administration ³ (Transfer Option)	A E G	207-1	BOTH	Math A and B; 80 H.S. average
Cert	Business: Business Management	A E G	410-1	BOTH	

* Curriculum begins only in September

** Completion of this program leads to either a BA or BS in Biology

*** Completion of this program leads to either a BA or BS in Mathematics

† Some courses need to be taken at another campus

‡ Curriculum begins only in January

¹ Suffolk County residents are given preference

² Preference given to applications received by January 1

³ Students not fully meeting the admission criteria for this curriculum may be admitted on a provisional basis

⁴ Recommended for students who have not yet decided on a program of study

⁵ Preference given to applications received by June 1

Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus

O = Online

continued on next page

<i>Degree</i>	<i>Curriculum</i>	<i>Campus</i>	<i>Code</i>	<i>Day/ Evening</i>	<i>Minimum Requirements for Entering Students</i>
Cert	Business: Information Processing	A E G	418-1	BOTH	
AAS	Business: Marketing	G	319-1	BOTH	
AAS	Business: Office Management	A G	343-1	BOTH	
AAS	Business: Retail Business Management	A	318-1	BOTH	
Cert	Business: Retail Business Management	A	435-1	BOTH	
AAS	Chemical Dependency Counseling* ²	G	388-1	BOTH	Interview
AA	Communications and Media Arts: Journalism	A	111-1	DAY	
AAS	Computer Art*	E	364-1	BOTH	
AS	Computer Science ³	A	203-1	BOTH	Math A and B; 2 years of science; 75 H.S. average
AAS	Construction Technology Architectural Technology ³	A	334-1	BOTH	Math A and B and qualify for MA61
AS	Criminal Justice Direct Entry From Police Academy	A E G A E G	211-1 211-2	BOTH BOTH	75 H.S. average
Cert	Criminal Justice: Police Administration	G	431-1		Suffolk County Police Academy students only
AAS	Culinary Arts	E	394-1	DAY	
AAS	Dietetic Technician*	E	320-1	DAY	
Cert	Drafting (CAD)* ³	A	402-1	BOTH	Math A or Algebra
AAS	Early Childhood Education	A E G	330-1	BOTH	
AAS	Electrical Technology - Electronics ³	A	301-1	BOTH	Math A and B and qualify for MA61
AS	Engineering Science ³	A	201-1	EVE	4 years math; chemistry; 80 H.S. average
Cert	Fire Investigation*	A	401-1	EVE	
AAS	Fire Protection Technology*	A	302-1	EVE	
AS	Fitness Specialist	A	210-1	DAY Partial EVE	Regents Biology; chemistry (strongly recommended); Math A; interview
AAS	Graphic Design*	E	365-1	DAY	
AAS	Health Information Technology/ Medical Records* ^{2,3}	G	349-1	EVE	Math A; laboratory chemistry; 80 H.S. average
AAS	Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R)*	G	395-1	EVE	Math A or MA07 at SCCC; admitted in even-numbered years only

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Campus Codes:

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E = Eastern Campus

G = Grant Campus

Degree	Curriculum	Campus	Code	Day/ Evening	Minimum Requirements for Entering Students
Cert	Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R)*	G	441-1	EVE	Math A or MA07 at SCCC; admitted in even- numbered years only
Cert	Horticulture	E	414-1	DAY	
AS	Human Services (preparation for Social Work)	A	212-1	DAY	80 H.S. average; 2.8 GPA for students already enrolled in college; interview
AAS	Information Technology: Network Design and Administration Option	A E G	392-1	BOTH	75 H.S. average
	Computer Information Systems Option	A E G	392-2	BOTH	
	Internet/Web Development Option	A E G	392-3	BOTH	
Cert	Information Technology: Network Design and Administration Option	A E G	440-1	BOTH	75 H.S. average
	Computer Information Systems Option	A E G	440-2	BOTH	
	Internet/Web Development Option	A E G	440-3	BOTH	
AAS	Interior Design Assistant*	E	329-1	BOTH	
AA	Liberal Arts and Sciences– Adolescence Education/Biology** (joint program with St. Joseph's College)	A E G	113-1 (B.A.) 114-1 (B.S.)	BOTH BOTH	Regents Diploma; 80 H.S. average; Math A and B and Precalculus
AA	Liberal Arts and Sciences– Adolescence Education/English (joint program with St. Joseph's College)	A E G	115-1	BOTH	Regents Diploma; 80 H.S. average
AA	Liberal Arts and Sciences– Adolescence Education/History (joint program with St. Joseph's College)	A E G	116-1	BOTH	Regents Diploma; 80 H.S. average
AA	Liberal Arts and Sciences– Adolescence Education/ Mathematics*** (joint program with St. Joseph's College)	A E G	117-1 (B.A.) 118-1 (B.S.)	BOTH BOTH	Regents Diploma; 80 H.S. average; Math A and B
AA	Liberal Arts and Sciences– Education (Child Study) Emphasis (joint program with St. Joseph's College)	A E G	112-1	BOTH	Regents Diploma; minimum 80 H.S. average
AA	Liberal Arts and Sciences– General Studies Emphasis ⁴	A E G	103-1	BOTH	

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Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus

Degree	Curriculum	Campus	Code	Day/ Evening	Minimum Requirements for Entering Students
AA	Liberal Arts and Sciences– Humanities Emphasis ³				80 H.S. average
	Cinema Studies Option	A	100-2	BOTH	
	Communications Option	A	100-4	BOTH	
	English Option	A	100-1	BOTH	
	Foreign Language Option	A	100-5	BOTH	
	Philosophy Option	A	100-3	BOTH	
AA	Liberal Arts & Sciences– International Studies Emphasis ³				80 H.S. average
	Business Option	A E G	110-1	BOTH	
	Humanities Option	A E G	110-2	BOTH	
	Social Science Option	A E G	110-3	BOTH	
AA	Liberal Arts and Sciences– Mathematics Emphasis ³	A	102-1	BOTH	4 years of math including Math 12; 80 H.S. average
AS	Liberal Arts and Sciences– Science Emphasis ³				Math A and B; 3 years of science; 80 H.S. average
	Biology Option	A E+ G+	200-1	BOTH	
	Environmental Science/ Forestry Option	A E+ G+	200-2	BOTH	
	Chemistry Option	A	200-3	BOTH	
	Earth and Space Science Option/Astronomy Sequence	A	200-4	BOTH	
	Earth and Space Science Option/Geology Sequence	A	200-6	BOTH	
	Earth and Space Science Option/ Meteorology Sequence	A	200-7	BOTH	
	Physics Option	A	200-5	BOTH	
AA	Liberal Arts and Sciences–Social Sciences Emphasis ³				Math A; 80 H.S. average
	Psychology Option	A E G	101-1	BOTH	
	Sociology/Anthropology Option	A E G	101-2	BOTH	
	History Option	A E G	101-3	BOTH	
	Political Science Option	A E G	101-4	BOTH	
	Economics Option	A E G	101-5	BOTH	
AA	Liberal Arts and Sciences– Women’s Studies Emphasis	A	109-1	BOTH	
AS	Music	A	206-1	DAY	
AAS	Nursing ^{*1, 2}	A	308-1	DAY	Regents biology and chemistry (80 in course and exam); Math A; 80 H.S. average; ACT 21/ SAT1000
AAS	Nursing from LPN ^{† 5} (Advanced Placement)	A	308-2	DAY	Contact Ammerman Admissions Office

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Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus

Degree	Curriculum	Campus	Code	Day/ Evening	Minimum Requirements for Entering Students
AAS	Nursing ^{*1,2}	G	348-1	DAY	Regents biology and chemistry (80 in course and exam); Math A; 80 H.S. average; ACT 21/ SAT 1000
AAS	Nursing from LPN ^{*2} (Advanced Placement)	G	348-5	DAY	Contact Grant Admissions Office
AAS	Nursing ^{*1,2}	A	338-1	EVE	Regents biology and chemistry (80 in course and exam); Math A; 80 H.S. average; ACT 21/ SAT 1000
AAS	Nursing ^{†1,5}	G	347-1	EVE	Regents biology and chemistry (80 in course and exam); Math A; 80 H.S. average; ACT 21/ SAT 1000
AAS	Occupational Therapy Assistant ^{*1,2}	G	391-1	DAY	Math A; laboratory biology and chemistry; 80 H.S. average
AAS	Ophthalmic Dispensing (Vision Care Technology) ^{*2,3}	G	389-1	DAY	Math A; laboratory biology; eligible for EG11 and MA27
AAS	Paralegal Studies ³	A	G 333-1	BOTH	Strong reading and writing skills; Regents English; 80 H.S. average; ACT 21/ SAT 1000
Cert	Paralegal Studies	A	G 433-1	BOTH	B.A., B.S., A.A., or A.S. degree or significant experience
AAS	Photographic Imaging [*]	E	G 372-1	BOTH	
AAS	Physical Therapist Assistant ^{*1}	A	310-1	DAY	85 H.S. average (or 3.0 GPA at SCCC); 80 average in Regents biology, chemistry and Math A and B (or grade of C in MA27); completion of BY30 with a grade of C or better; CPR and First Aid Certification; 50 volunteer hours
AAS	Radio and Television Production [*]	A	306-1	DAY	75 H.S. average; 75 average in English
AAS	Recreation Leadership	A	311-1	DAY	Contact Campus Admissions Office

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Campus Codes:

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<i>Degree</i>	<i>Curriculum</i>	<i>Campus</i>	<i>Code</i>	<i>Day/ Evening</i>	<i>Minimum Requirements for Entering Students</i>
AAS	Telecommunications Technology Verizon Option*	A	371-1	DAY	Verizon employees
AS	Theatre Arts Acting Sequence	A	205-2	DAY	
	Technical Theatre Sequence	A	205-3	DAY	
Cert	Theatre Arts Automated Lighting and Stage Rigging	A	442-1	DAY	
AAS	Veterinary Science Technology* ^{2,3}	G	390-1	BOTH	Math A; laboratory biology and chemistry; 75 H.S. average (admitted evenings in even- numbered years only)
AS	Visual Arts ³	A	G	204-1	BOTH

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Campus Codes:

A = Ammerman Campus

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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 –

- Unified Transfer Programs of Study with Four-Year Colleges and Universities
 - Joint Admission Agreements with Four-Year Colleges and Universities
 - Articulation Agreements with Four-Year Colleges and Universities
 - Jointly Registered Programs with Four-Year Colleges and Universities
- provide easy transition from Suffolk to a four-year college or university and often require the completion of only one application for admission and/or the payment of only one application fee. Further information about these programs can be obtained from any campus

admissions office or from the Central Admissions Office.

Unified Transfer Programs of Study with Four-Year Colleges and Universities

Suffolk County Community College works closely with four-year colleges and universities to develop programs and procedures designed to facilitate the attainment of a baccalaureate degree for students who begin their studies at SCCC.

Unified Programs of Study delineate course and graduation requirements in certain curricula at certain colleges and universities which clearly specify the program of study at *both* SCCC and the transfer institution.

These Unified Programs are identified in the chart below. Detailed descriptions showing all course requirements may be found on SCCC's Web site at <http://www3.sunysuffolk.edu/Academics/Unified/ups.asp>. For further information contact the college's Central Admissions Office at 631- 451-4000.

UNIFIED TRANSFER PROGRAMS WITH FOUR-YEAR COLLEGES AND UNIVERSITIES

<i>Name of Four-Year Institution</i>	<i>Degree, Curriculum and Curriculum Code at SCCC</i>	<i>Minimum SCCC Cumulative Grade Point Average (GPA) in order to Transfer</i>	<i>Degree and Curriculum at Four-Year Institution</i>
Adelphi University	A.S., Accounting (208-1)	2.30	B.B.A., Accounting
	A.S., Business Administration (207-1)	2.30	B.B.A., Management
	A.S., Human Services (212-1)	2.80	B.S.W., Social Work
	A.A., Liberal Arts and Sciences: Education (Child Study) (112-1)	2.75	B.A., History and M.A., Education: Childhood
	A.A., Liberal Arts and Sciences: Education (Child Study) (112-1)	2.75	B.A., Mathematics and M.A., Education: Childhood
	A.A., Liberal Arts and Sciences: Education (Child Study) (112-1)	2.75	B.A., Sociology and M.A., Education: Childhood
	A.A.S., Marketing (319-1)	2.30	B.B.A., Management
Ithaca College	A.A.S., Nursing (308-1, 308-2, 338-1, 347-1, 348-1, 348-5)	3.00	B.S., Nursing
	A.A.S., Chemical Dependency Counseling (388-1)	2.75	B.S., Community Health Education
	A.S., Fitness Specialist (210-1)	2.75	B.S., Community Health Education
Long Island University, Brentwood Campus	A.S., Accounting (208-1)	2.00	B.S., Accounting
	A.S., Business Administration (207-1)	2.00	B.B.A., Business Administration
	A.S., Criminal Justice (211-1)	2.00	B.A., Criminal Justice

continued on next page

<i>Name of Four-Year Institution</i>	<i>Degree, Curriculum and Curriculum Code at SCCC</i>	<i>Minimum SCCC Cumulative Grade Point Average (GPA) in order to Transfer</i>	<i>Degree and Curriculum at Four-Year Institution</i>
Long Island University, C.W. Post Campus	A.S., Business Administration (207-1)	2.00	B.S., Business Administration
	A.S., Criminal Justice (211-1)	2.00	B.A., Criminal Justice
	A.S., Human Services (212-1)	2.75	B.S., Social Work
New York Institute of Technology	Accounting (208-1)	2.00	B.S., Accounting: Managerial Accounting Option
	Business Administration (207-1)	2.00	B.S., Business Administration: General Management Option
	Business Marketing (319-1)	2.00	B.S., Business Administration: Marketing Option
	Communications and Media Arts: Journalism (111-1)	2.00	B.F.A., Communication Arts
	Construction Technology–Architectural Technology (334-1)	2.00	B.S., Architectural Technology
	Criminal Justice (211-1)	2.00	B.S., Behavioral Science: Criminal Justice Option
	Culinary Arts (394-1)	2.00	B.P.S., Hospitality Management
	Electrical Technology - Electronics (301-1)	2.00	B.S. Electrical Engineering Technology
	Engineering Science (201-1)	2.00	B.T., Electrical and Computer Engineering
	Graphic Design (365-1)	2.00	B.F.A., Graphic Design
	Liberal Arts and Sciences: General Studies (103-1)	2.75	B.S., Nursing
	Liberal Arts and Sciences: Science/Biology (200-1)	2.00	B.S., Life Science: Pre-med and Allied Health Professions
	Radio and Television Production (306-1)	2.00	B.F.A., Communication Arts
	Visual Arts (204-1)	2.00	B.F.A., Graphic Design
State University of New York College at Old Westbury	Accounting (208-1 and 335-1)	2.50	B.S., Accounting
	Business Administration (207-1)	2.50	B.S., Business and Management
State University of New York College at Plattsburgh	Business Administration (207-1)	2.30	B.S., Business
State University of New York at Stony Brook	A.S., Human Services (212-1)	2.50	B.S.W., Social Work
The Sage Colleges	Nursing (308-1, 308-2, 338-1, 347-1, 348-1, 348-5)	2.50	B.S., Nursing

NOTE: Detailed descriptions showing all course requirements at both SCCC and the four-year institution may be found on Suffolk County Community College's Web site at <http://www.sunysuffolk.edu/transfer>.

Joint Admission Agreements with Four-Year Colleges and Universities

Suffolk County Community College has established a number of innovative Joint Admission Agreements under which a student is admitted to Suffolk County Community College and the upper division institution at the time he/she is accepted at SCCC. These students follow a definitive curriculum at Suffolk and receive counseling and advising that will facilitate enrollment at the four-year institution upon completion of the associate degree.

Intent to Enroll forms designed to alert the upper division institution of the SCCC student's imminent transfer are available in the Counseling Centers on all three campuses. A copy of the completed form must be submitted to the campus Registrar's Office prior to its submission to the transfer institution.

Joint Admission Agreements

Adelphi University

- Accounting
- Business Administration
- Fitness Specialist
- Honors Diploma Sequence
- Human Services
- Any Liberal Arts and Science Degree
- Nursing
- Theatre Arts

Dowling College

- Any A.A. or A.S. Degree

Long Island University: C.W. Post Campus

- Accounting
- Business Administration
- Computer Science
- Engineering Science
- Fitness Specialist
- Liberal Arts and Sciences
 - Humanities Emphasis
 - Mathematics Emphasis
 - Science Emphasis
 - Social Science Emphasis
 - Women's Studies Emphasis

- Music
- Theatre Arts
- Visual Arts

Molloy College

- Any A.A., A.S. or A.A.S. Degree
- Dietetic Technology
- Fitness Specialist
- Food Service Administration
- Health Information Technology
- Human Services
- Liberal Arts and Sciences
- Liberal Arts and Sciences - Education (Child Study)

- Medical Records
- Medical Assisting
- Nursing
- Occupational Therapy Assistant
- Ophthalmic Dispensing
- Physical Therapist Assistant
- Recreation Leadership
- Veterinary Science Technology

St. Joseph's College

- Liberal Arts and Sciences
 - Adolescence Education Biology
 - Adolescence Education English
 - Adolescence Education Mathematics Education (Child Study)

- Any A.A. or A.S. Degree

SUNY at Albany

- Accounting
- Business Administration
- Computer Science
- Criminal Justice
- Liberal Arts and Sciences
 - Humanities Emphasis
 - Communications Option
 - Foreign Language Option
 - Philosophy Option
 - Mathematics Emphasis
 - Science Emphasis
 - Biology Option
 - Chemistry Option
 - Earth and Space Science Option, Meteorology Sequence
 - Physics Option
 - Social Science Emphasis
 - Economics Option
 - History Option
 - Political Science Option
 - Psychology Option
 - Sociology/Anthropology Option

- Music
- Theatre Arts
- Visual Arts

SUNY College at Old Westbury

- Accounting
- Business Administration
- Any A.A., A.S., or A.A.S.

SUNY College at Farmingdale

- Any degree toward B.S. in Technical Communication

SUNY at Stony Brook

- Accounting
- Communication and Media Arts:
 - Journalism
- Computer Science
- Criminal Justice
- Engineering Science

Liberal Arts and Sciences
 General Studies Emphasis
 Humanities Emphasis
 International Studies Emphasis
 Mathematics Emphasis
 Science Emphasis
 Social Science Emphasis
 Women's Studies Emphasis
 Theatre Arts
 Visual Arts

Articulation Agreements with Four-Year Colleges and Universities

Suffolk County Community College has developed special articulation agreements with certain four-year colleges to facilitate transfer into particular programs. These arrangements often benefit Suffolk graduates by reducing the number of credits required for the baccalaureate degree and ensuring the maximum transfer credit for courses taken at Suffolk.

Articulation Agreements

Briarcliffe College
 Accounting
 Business Administration
 Computer Science
 Eastern Kentucky University
 Criminal Justice
 Fire Protection Technology
 Manhattan College
 Any A.A. or A.S. Degree
 Paul Smith's College
 Liberal Arts and Sciences
 Science Emphasis
 Biology Option
 Environmental Science
 Option
 Forestry Option
 Queens College
 Dietetic Technician
 St. John's University
 Any A.A. or A.S. Degree
 US Sports Academicy
 Any A.A. or A.S. Degree
 SUNY College at Cortland
 A.A., Liberal Arts and Sciences
 Physical Education
 SUNY Empire State College
 Any Degree except 369, 388 and 395
 SUNY Institute of Technology at Utica/Rome
 Accounting
 Business Administration

Jointly Registered Programs with Four-Year Colleges and Universities

Jointly Registered teacher preparation programs prepare students for careers in teaching at the elementary and secondary levels and in special education. They allow students to complete their A.A. degree at Suffolk County Community College and then seamlessly transfer to baccalaureate degree programs in teacher education.

APPLYING AND BEING ADMITTED Eligibility

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

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

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

Some programs of study have special admission procedures and entrance requirements. Admission into these programs is based on factors such as completion of required prerequisites, grade point average, high school record, work experience and objective test data.

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

outside the United States, will be considered for admission to competitive/restricted programs only after the admission of all qualified Suffolk County and New York State applicants.

Specific admission requirements and application procedures for each of Suffolk County Community College's curricula can be found in the Programs of Study chart on pages 21-26 and in the individual detailed curriculum descriptions on pages 93-179 in the Curricula section of this catalog.

International Students

Admission of international students requires the issuing of an I-20 AB form for F-1 student status. International students should contact one of the campus admissions offices to schedule an interview along with their Suffolk County resident sponsor, at which time specific information and complete application materials will be provided.

Submitting Applications

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

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

Applications are available at all Suffolk County high schools as well as the Admissions Offices at Suffolk's three campuses in Selden, Riverhead and Brentwood, or apply online at <http://www3.sunysuffolk.edu/Admissions/index.asp>.

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

Application Deadlines

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

Chemical Dependency Counseling

Health Information Technology/
Medical Records
Nursing (except June 1 for
curriculum 347-1)
Occupational Therapist Assistant
Ophthalmic Dispensing
Physical Therapist Assistant
Veterinary Science Technology

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

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

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 matriculation status may be rescinded as stated under "Academic Standing."

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

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

Non-Matriculated Status

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

should follow the admission procedures for matriculated status.

AFTER BEING ADMITTED

Placement Testing and Course Selection

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

After testing, students will be scheduled to meet with a counselor or faculty advisor to review their curriculum choice and, on the basis of their test results and/or prior academic records, will be placed in appropriate courses, which may include one or more non-credit developmental courses in the basic skills areas.

Orientation

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

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

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

Immunization and Medical Requirements

Prior to registration, all new students admitted to the college who were born on or after January 1, 1957 must submit a completed Certificate of Immunization or the equivalent 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 pages 61-62 and 74 for a more detailed explanation of the immunization policy.)

In addition, in accordance with New York

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

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

A medical examination (Physician's Report) must be filed by all nursing and health careers students, as well as students in the Dietetic Technician curriculum who plan to enroll in FM42 (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

All full-time students and those part-time students enrolled in physical education courses and certain field placements, internships and cooperative education programs are required to participate in the accident insurance plan maintained by the college. Under the coverage of the accident policy, students are insured every hour of the day while on or off campus and can claim reimbursement for all injuries, within the limitations stated in the policy and except for those accidents excluded by the policy.

An insured student who matriculates for both the fall and spring semesters has coverage on an annual basis. An insured student who is enrolled only for a fall, wintersession, spring or summer semester has coverage only for the

semester of enrollment and until the start of the next semester. There is also an accidental death benefit, with specific exclusions, provided with this policy. Part-time students who are not automatically enrolled in the program may enroll on an elective basis.

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

Student Liability Insurance

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.

Registration

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

Late Registration

Registration is considered late beginning one week prior to the official start of each session (day, evening, Saturday/Sunday). *Note: A late registration fee applies to all students who register during this late registration period.* Registration for a course is permitted up to and including the day before the first class meeting. No registrations will be accepted after this time. Exceptions to this policy may be approved only by the campus Office of Instruction. *Note: Registration for online courses and telecourses is permitted until the end of the first week of classes.*

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 47.) 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 at the mid-point of the semester.

Plans are offered for the fall and spring semesters only. Amounts due from a previous semester must be repaid before a student can subscribe to a subsequent semester's plan. A \$40.00 fee is charged for use of the Tuition Payment Plan and a \$25.00 Late Fee is assessed for any payment not made on or before its scheduled due date. The minimum amount that can be deferred is the value of a three-credit course. The Tuition Payment Plan is not available for students taking non-credit courses and is not offered during wintersession or any summer session.

Collection of Overdue Tuition and/or Other Charges

In those cases where payment of tuition and/or other charges is overdue, the college employs the services of collection agencies and/or attorneys. In that event, the student is liable for an additional sum representing interest and all costs of collection including reasonable

attorney's fees of one third of the balance in default at the time of collection. Students are also advised that their academic records will be encumbered prior to the end of the semester if all charges are not paid. Grades and transcripts will be withheld until full payment is made.

SPECIAL ACADEMIC SUPPORT PROGRAMS

COLLEGE SUCCESS PROGRAM

The College Success Program at Suffolk County Community College offers students strong support for educational achievement. Students who place into two pre-college courses based on their *College Placement Tests* scores are eligible to participate in this skills-development and mentoring program. The program carries no additional expense beyond that of regular tuition and fees.

Students who register for College Success begin with a concentrated academic experience that has been specifically designed to advanced their skills. This part of the program includes a course that enhances academic proficiency. The course meets three hours a day for three weeks in August, and students who complete this course satisfy their OS15: Freshman Seminar requirement. At the conclusion of this course, students may retake the *College Placement Tests*, which could result in adjusting their placement.

College Success students continue to meet with faculty advisors and peer mentors to ensure ongoing academic progress. Students are encouraged to take advantage of tutorial services, campus skills centers, individualized career and educational planning, and an online directory of Web sites that can be used to improve their study skills.

Students who participate in College Success can expect to:

- Improve their academic skills.
- Clarify their values, needs and attitudes.
- Increase their self-awareness and knowledge of their capabilities and goals.
- Expand their knowledge of career and educational planning, learning styles, decision making, and job-related skills.
- Declare an academic major by the end of their first year.
- Perform college-level work within one year.
- Profit from college resources by participating in campus programs, student-suc-

cess workshops, and other enrichment services.

- Become involved in student clubs or other student organizations.
- Achieve academic success.

For further information contact the Admissions Office on one of the three campuses: Ammerman 631-451-4022; Eastern 631-548-2512; Grant 631-851-6718.

EDUCATIONAL OPPORTUNITY PROGRAM (EOP)

The Educational Opportunity Program (EOP) is designed to provide academic support and financial assistance to students enrolled full-time in a curriculum at the college. Students admitted to the program have the academic potential to succeed at attaining a college degree, but may need to be encouraged throughout their time at the college to persist to graduation.

Eligibility

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

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

Support Services

Students enrolled in the EOP receive academic, career and personal advisement. In addition, they receive a cash stipend each semester to assist with the cost of books and personal expenses.

Students Transferring to Suffolk County Community College

Students transferring to SCCC are eligible for EOP provided they have been enrolled in EOP, College Discovery, HEOP (Higher Education Opportunity Program), SEEK (Search for Education, Elevation and Knowledge) or a similar academic and financial support program at their previous college. If the previous

college did not have EOP or a similar program, students may be considered for transfer eligibility and should notify SCCC when applying to the college.

DEVELOPMENTAL STUDIES PROGRAM

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

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

Students who are required to take two or more developmental courses in two or more areas (EG09, EG10, MA01, MA06, MA07, RE09, RE10, EF01, EF02, EF03, EF04, EF05, EF06, EF07, EF08, EF20), or one developmental English or reading course at the 09 level (EG09/EF07 or RE09/EF01) are automatically placed in the Developmental Studies Program. While in the Developmental Studies Program, students may enroll in no more than 14.5 hours/credits per semester and make changes in courses only after written approval by an academic dean, academic chair, counselor or faculty advisor. The developmental courses do not carry credit toward a degree or certificate. Individual programs of 12-14.5 hours, which include the required developmental courses and courses from the student's chosen curriculum, are arranged by the counseling staff in consultation with the student. The college believes that such a developmental program can improve scholastic ability and thereby promote a smooth transition to the traditional academic programs at Suffolk.

The Developmental Studies Program provides support services including advisement and tutoring in reading, writing and math-

ematics. In addition, there are centers on each campus which offer faculty and peer tutoring in reading, writing and mathematics.

Sequences

The sequences for Developmental Studies are as follows:

MATHEMATICS:	<i>Hours</i>
MA01: Developmental Mathematics Skills	3
MA06: Pre-Algebra and Algebra I	5
MA07: Algebra I	4
ENGLISH:	
EG09: Basic English Skills	3
EG10: Developmental Writing	3
READING:	
RE09: Introduction to College Reading	3
RE10: Reading in the Content Areas	3
ENGLISH AS A SECOND LANGUAGE:	
EF01: ESL: College Reading I	3
EF02: ESL: College Reading II	3
EF03: ESL: Intensive Grammar I	3
EF04: ESL: Intensive Grammar II	3
EF05: ESL: College Listening/ Speaking Skills I	3
EF06: ESL: College Listening/ Speaking Skills II	3
EF07: ESL: College Composition I	3
EF08: ESL: College Composition II	3

Levels

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

Students who place into all entry-level developmental courses (e.g., MA01, RE09 and EG09) could take the following sample program:

RE09	3 hours
MA01/MA06	3-5 hours
EG09	3 hours
*	3-3.5 hours/credits
<hr/>	
Total	12-14.5 hours/credits

A Level I ESL student might take the following program:

EF01	3 hours
EF03	3 hours
EF05	3 hours
EF07	3 hours
<hr/>	
Total	12 hours

* Possible selections include:

1. OS20 (3 credits)
2. OT24(1 credit), PE (1 credit , excluding PE96) and /or OS15 (1.5 credits) **
3. CO10 (3 credits) and /or OS15 (1.5 credits)

** Some of these courses require a course fee of \$40.00

LEVEL II: Any student who places at the RE10 and EG10 level (or for ESL students, EF02 and EF08 level) might have the option to take a content area course such as CO10, OT24, OT25, AN11D, BA11D, PC11D, SO11D, PE and AC13**.

Sample programs are as follows:

RE10 .....	.3 hours
EG10 .....	.3 hours
MA07 .....	.4 hours
BA11D.....	.3 credits
OS15	1.5 credits
<hr/>	
Total.....	14.5 hours/credits

MA23.....	.3 credits
EG10 .....	.3 hours
RE10 .....	.3 hours
CO10.....	.3 credits
OS15	1.5 credits
<hr/>	
Total.....	13.5 hours/credits

A Level II ESL student might take the following program:

EF02.....	.3 hours
MA06.....	.5 hours
EF08.....	.3 hours
OT24 .....	.1 credit
OS15	1.5 credits
<hr/>	
Total.....	13.5 hours/credits

Students can take almost any combination of developmental and content courses, depending upon their individual needs. (For state aid eligibility, new students must earn at least 3 credits toward their current degree while students in subsequent semesters must earn at least 6 credits toward their current degree.)

During the second semester, students continue to the next higher-level developmental course provided they have completed the lower-level developmental course with a satisfactory grade. Students receiving a U or R grade or any grade other than satisfactory (S) are required to repeat the lower-level course before moving to a higher-level course.

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

Exiting the Developmental Studies Program

Once a student progresses beyond the RE10 (EF02), EG10 (EF08) and MA06/MA07 level, he/she can exit from the Developmental Studies Program and take regular college-level content area courses. If other indications of potential

success exist, a student should contact the campus Office of Instruction.

STUDENT SUPPORT SERVICES (SSS) PROGRAM

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

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

Students must be enrolled full-time and in their first semester at Suffolk County Community College. In addition, eligible students must meet at least one of the following criteria: first-generation college, low income and/or have a documented disability. For more information call 631- 451-4693.

ENGLISH AS A SECOND LANGUAGE (ESL)

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

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

The programs furnish students with the necessary communication skills to secure gainful employment, perform more effectively in daily life situations, and enroll in further college-level courses if they so desire. Inasmuch as Suffolk County offers employment opportunities in business and industry as well as academic options, the ESL programs are aimed at making these opportunities accessible to their students.

Instruction consists of sequenced levels, each of which is a prerequisite for the next level. These levels are divided into sections that focus on the four linguistic skill areas: speaking, listening, reading and writing.

Non-Credit Program ESL Classes*

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

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

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

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

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

ESL PROGRAM SEMESTER (non-credit*):

The semester lasts 12 weeks for both programs. Each week, students in the **part-time** program must attend class for 5 hours and also complete one hour of language lab, for a total of 6 hours per week. Depending on the campus, classes are offered during the day, in the evening and on Saturday and Sunday. Students in the **full-time** Intensive English Program must attend class for 18 hours per week and complete two hours of language lab for a total of 20 hours a week. The Intensive English Program has both day and evening offerings.

Part-time ESL Program

PRE-LEVEL 1	<i>per week</i>
Comprehensive . . . . .	.5 hours
Language Lab . . . . .	.1 hour
Total . . . . .	.6 hours

LEVEL 1:

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

LEVEL 2:

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

LEVEL 3:

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

LEVEL 4:

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

LEVEL 5:

Comprehensive . . . . .	.5 hours
Language Lab . . . . .	.1 hour
Total . . . . .	.6 hours

Total Program Time: 6 semesters/432 hours

Full-time Intensive English

Program (IEP) *per week*

Beginner:

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

Intermediate:

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

Advanced:

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

Total Program Time: 3 semesters/720 hours

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

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

Credit Program ESL Classes*

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

The credit* ESL program is for students who:

- have been accepted by SCCC for full or part-time admission.
- are applying for financial aid (note: for state aid eligibility, new students must earn at least 3 credits toward their current degree, while students in subsequent semesters must earn at least 6 credits toward their current degree).
- are seeking a more intensive program of study for academic or professional reasons.
- need intensive instruction in any of the above-named skill areas.
- need specialized ESL classes based on results of the College Placement Tests.
- have completed the non-credit ESL program and need additional focused course work to enable them to continue their studies.

ESL PROGRAM SEMESTER (credit*): The semester lasts 15 weeks. Students must attend classes for 12 hours per week if they are taking

the full sequence or three hours per week for each class in which they are placed.

SEMESTER I:	<i>per week</i>
EF01 ESL: College Reading I	3 hours
EF03 ESL: Intensive Grammar I	3 hours
EF05 ESL: College Listening/ Speaking Skills I	3 hours
EF07 ESL: College Composition I	3 hours
TOTAL	12 hours**

SEMESTER II:	<i>per week</i>
EF02 ESL: College Reading II	3 hours
EF04 ESL: Intensive Grammar II	3 hours
EF06 ESL: College Listening/ Speaking Skills II	3 hours
EF08 ESL: College Composition II	3 hours
TOTAL	12 hours**

Total Program Time: 2 semesters/360 hours

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

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

ADVANCED STANDING CREDIT FOR COLLEGE-LEVEL LEARNING

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

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

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

- non-classroom learning sponsored by non-collegiate organizations which is equivalent to college course work

- various examination programs
- portfolio review
- independent learning

These opportunities are described in the sections which follow.

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

• By Prior Course Work Advanced Placement Examinations

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

Transfer Credit

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

Educational Programs Sponsored by Certain Non-Collegiate Organizations

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

• By Examination

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

College-Level Examination Program (CLEP) Examinations

These are computer-based tests covering many of the subjects and courses offered at Suffolk. Students who believe they have already achieved on their own the learning normally accomplished by completing particular col-

lege courses may attempt to demonstrate that learning by taking the appropriate CLEP examinations. Successful performance on the tests can result in credit toward their degree or certificate (similar to transfer credit) through the Central Admissions Office. A list of course equivalents for the CLEP examinations accepted by Suffolk is available through the Admissions Office. CLEP examinations are offered throughout the year in group sessions at the Ammerman Campus.

Information about the Adult Learner Program, including the CLEP application form, can be viewed online under "Special Programs" at <http://www.sunysuffolk.edu/Web/Central/AcademicAffairs/>. In addition, the CLEP application and testing dates are available on all three campuses in the Admissions and Counseling offices. Applicants are encouraged to visit the Office of Adult Learner Academic Programs located on the Ammerman Campus.

Challenge Examinations

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

Other Nationally Recognized Standardized Examinations

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

NOTE: When CLEP and other standardized scores are accepted for SCCC credit, no grade is recorded on the student's transcript, nor is one considered in computing the grade point average. However, applicants for curricula with competitive admission should note that test scores may be translated into letter grades to be used for admission decisions only. For further information contact the Central Admissions Office.

• By Portfolio Assessment

Portfolio assessment is an alternative vehicle for defining, demonstrating and documenting college-level learning achieved outside the classroom. Students who have the appropriate reading and writing competencies may

take PS30: Portfolio Preparation, a one-credit course available at the Ammerman Campus in the fall, spring and summer semesters. The course encompasses relevant academic content, skill development and ongoing guidance during the process of developing a learning portfolio. Attending an informational meeting is a prerequisite for enrolling in PS30. After completion of the course, students may submit the learning portfolio for evaluation for possible college credit.

Evaluation of the portfolio is not part of PS30. The evaluation is done by faculty experts in the academic disciplines reflected by the student's learning and is subject to a separate assessment fee.

For further information contact the Office of Adult Learner Academic Programs on the Ammerman Campus at 631- 451-4696.

Restrictions on Advanced Standing Credit

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

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

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

SCCC Alumnus Profile

Jonathan D. Gargiulo, Class of 1998
Exercise Physiologist and Wellness Center Owner

“While I was a Fitness Specialist student at Suffolk, I didn’t appreciate how much knowledge I was gaining,” says Jonathan Gargiulo. “But when I transferred to Adelphi University for my bachelor’s and master’s degrees, I realized that the program had given me a real jump-start.”

Now as president of Human Performance, Inc., and owner of the David Phillips Spa and Fitness Center in Oyster Bay, Jonathan enjoys having “one hundred percent control” of his career.

David Phillips is a day spa and fitness center that employs twenty people, including personal trainers, yoga instructors, aestheticians, and massage therapists. It offers everything from Thai massage to pedicures to Reiki. He believes that David Phillips Spa offers a level of sophistication to clients that reflects his own commitment to human health and fitness.

While he was a graduate student in Exercise Physiology at Adelphi, Jonathan had the distinction of being a graduate assistant. He was responsible for a phase III cardiac rehabilitation and adult fitness program, performing ECG graded exercise tests and developing exercise prescriptions for cardiovascular and resistance training. This gave him experience not only in the medical aspect of physical training but also in group instruction, marketing, memberships and office management. At the same time, he served as an instructor of exercise physiology for the American College of Sports Medicine (ACSM), co-authored articles published in the journal *Medicine and Science in Sports and Exercise*, earned certification as a Certified Personal Trainer and Emergency Medical Technician, and worked with professional, collegiate and high school athletes.

Jonathan was also the director of the Exercise Science program at Kingsborough Community College in Brooklyn. He was responsible for its development, marketing and implementation, which included hiring adjunct instructors, conducting student advisement, and preparing students to take the ACSM Health Fitness Instructor workshop and exam. All of these skills are now serving him well in his profession.

Jonathan credits SCCC Professor Jean Ann Scharpf for preparing him for his baccalaureate and graduate training. “Suffolk County Community College made my transition to Adelphi easy. I strongly recommend the Fitness Specialist program to anyone who plans to pursue a career as a fitness professional.”



Suffolk
COUNTY COMMUNITY COLLEGE
OFFICE OF FINANCIAL AID

Finances

TUITION AND FEES

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

Tuition and Residency

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

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

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

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

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

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

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

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

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

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

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

Fees

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

Placement Testing/Advisement Fee: partly covers the cost of testing and/or advising full-

time and matriculated part-time students.

Laboratory, Special Equipment, Special Program, Distance Education, Telecourse and Physical Education Service Fees: partially fund the extra cost of supplies, equipment and services for designated specific courses, which are annotated in this catalog. The Telecourse Fee is not separately annotated because it is charged in all telecourses.

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

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

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

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

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

College Fee: charged to full-time and part-time students, this fee funds cultural, athletic and other activities and programs of the Student Association.

Graduation Review Fee: billed to matriculated associate degree students when they register for their 60th credit and certificate program students when they register for their 25th credit, this fee supports activities related to graduation and a one-year membership in the college's Alumni Association.

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

Accident Insurance Fee: provides accident and death coverage for all full-time students and part-time students taking physical education courses and/or designated field placements, internships and cooperative education programs. Part-time students taking other courses may purchase Accident Insurance from the Student Association by completing application forms that are available at campus Health Services offices.

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

Records Management Fee: partly covers the cost of managing and maintaining student records and issuing official transcripts. While students are not charged for transcripts, the college reserves the right to accept third-party payments for them.

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

Credit Card Convenience Fee: covers interchange charges assessed when credit card payments are processed electronically.

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

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

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

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

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

Non-Refundable and Refundable Fees

Some fees are non-refundable. These include the Application Fee, the Placement Testing/Advisement Fee, the Returned Check Fee, the Challenge Examination Service Fee, the Tuition Payment Plan Fee, Late Payment Fees, Tuition Deposit, the ID Card Replacement Fee, the Credit Card Convenience Fee and the Prior Learning Assessment Fee.

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

The Laboratory, Equipment, Special Program, Distance Education, Telecourse 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 2005)

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

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

Tuition for the **summer, wintersession and other special sessions** is based on the part-time tuition rate of \$125.00 per credit for Suffolk residents and \$250.00 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 2006 and applies to all campuses and extension sites of the college. The schedule of tuition and fees for the 2006-2007 and 2007-2008 academic years will be approved during the summers of 2006 and 2007, respectively.

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

All tuition, fees and related refund policies are subject to change at the discretion of the college. The following tuition and fees were in effect for the 2005-2006 academic year:

12 credits or more per semester (full-time)	
Tuition, Residents,	
per semester	\$ 1,495.00
Tuition, Non-Residents,	
per semester	2,990.00
Application Fee (non-refundable)	35.00

Placement Testing/Advisement Fee (non-refundable)	30.00
Tuition Deposit (applied to tuition but non-refundable)	100.00
College Fee, per semester	80.00
Laboratory/Special Equipment/Special Program/Distance Education/Telecourse fees*,	
per course	50.00
<i>(Applicable courses are indicated in current catalog and course schedules. Telecourse fees are not separately noted.)</i>	
Physical Education Service Fee*,	
per course	50.00
<i>(Applicable courses are indicated in current catalog.)</i>	
Accident Insurance Fee (mandatory),	
per semester	14.00
Returned Check Fee,	
each (non-refundable)	20.00
Technology Fee (campus enrollees only), per semester	48.00
Records Management Fee, per semester	12.00
Graduation Review Fee	27.00
Liability Insurance Fee,	
per course	50.00
Challenge Examination Fee,	
per course (non-refundable)	100.00
Late Registration Fee, per session	25.00
<i>(non-refundable; begins one week prior to first day of session)</i>	
Vehicle Registration Fee (per vehicle, per academic year)	20.00
English as a Second Language (ESL) Fees (per semester)	
Cat #'s XA01, XA26	205.00
Cat #'s XA04, XA05, XA32, XA33	125.00
Cat #'s XA02, XA03, XA14, XA25	80.00
Cat #'s XA09, XA92, XA93, XA94, XA95, XA96, XA97, XA98, XA99	90.00
Cat #'s XA70/XA71, XA80/XA81	1,110.00
Cat # XA90/XA91	985.00
Cat #'s XA88, XA89	125.00
Prior Learning Assessment (non-refundable)	
Basic Fee per discipline for	
Portfolio Evaluation	100.00
Supplementary Fee	1/3 tuition of credits awarded
College-Level Examination Program (CLEP) Service Fee	30.00
College-Level Examination Program (CLEP) Rescheduling Fee	15.00
Tuition Payment Plan Fee,	
per semester (non-refundable)	40.00
Late Payment Fee,	
per assessment (non-refundable)	25.00
Replacement of Lost ID Card Fee	5.00

Credit Card Convenience Fee	5.00
<i>*The Laboratory/Equipment/Special Program/Distance Education/Telecourse fees and the Physical Education Service Fee partially provide for the extra costs of special supplies, equipment, technical support and supplemental instruction associated with certain courses designated in the course descriptions contained in the catalog. Telecourse fees are not separately noted.</i>	
Fewer than 12 credits per semester (part-time)	
Tuition, Residents, per credit	\$125.00
Tuition, Non-Residents, per credit	250.00
Application Fee (non-refundable)	35.00
Placement Testing/Advisement Fee (non-refundable)	30.00
College Fee	
1-5.5 credits	20.00
6-11.5 credits	40.00
Laboratory/Special Equipment/Special Program/Distance Education/Telecourse fees*, per course.	50.00
<i>(Applicable courses are indicated in current catalog and course schedules. Telecourse fees are not separately noted.)</i>	
Physical Education Service Fee*, per course.	50.00
<i>(Applicable courses are indicated in current catalog.)</i>	
Returned Check Fee, each (non-refundable)	20.00
Technology Fee (campus enrollees only)	
Per semester	24.00
Wintersession	9.00
Summer	24.00
Records Management Fee, per semester	8.00
Graduation Review Fee	27.00
Accident Insurance Fee (optional), per semester.	14.00
Liability Insurance Fee, per course.	50.00
Challenge Examination Fee, per course (non-refundable)	100.00
Late Registration Fee, per session	15.00
<i>(non-refundable; begins one week prior to first day of session)</i>	
Vehicle Registration Fee (per vehicle, per academic year)	20.00
English as a Second Language (ESL) Fees (per semester)	
Cat #'s XA01, XA26	205.00
Cat #'s XA04, XA05, XA32, XA33	125.00
Cat #'s XA02, XA03, XA14, XA25	80.00
Cat #'s XA09, XA92, XA93, XA94, XA95, XA96, XA97, XA98, XA99	90.00
Cat #'s XA70/XA71, XA80/XA81	1,110.00
Cat # XA90/XA91	985.00
Cat #'s XA88, XA89	125.00

Prior Learning Assessment (non-refundable)	
Basic Fee per discipline for	
Portfolio Evaluation	100.00
Supplementary Fee	1/3 tuition of credits awarded
College-Level Examination	
Program (CLEP) Servicing Fee	30.00
College-Level Examination Program (CLEP)	
Rescheduling Fee	15.00
Tuition Payment Plan Fee, per semester (non-refundable)	40.00
Late Payment Fee, per assessment (non-refundable)	25.00
Replacement of Lost ID Card Fee	5.00
Credit Card Convenience Fee	5.00

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

Refund Policy

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

Refund Periods and Schedule

For regular sessions and classes lasting eight weeks or more:

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

For classes and sessions lasting fewer than eight weeks:

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

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

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

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

Special Refund Provisions for Federal Financial Aid Recipients

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

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

Exceptions to the Refund Policy

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

If these time frames are met, the college may make exceptions to the refund policies for students affected by serious illness, who experience death in their immediate family, or are called to military service. To be considered under these circumstances, students may submit the "Request for a Refund/Adjustment of Financial Liability" form. The form is available on the Student Portal at <http://www.sunysuffolk.edu/MySCCC> and must be submitted to the office of the Associate Dean of Students 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.

To Withdraw

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

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

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

FINANCIAL AID

General Information

Financial aid is assistance that the college, state and federal governments make available to eligible students to help them meet expenses while attending college. Students who think they will have difficulty meeting the total cost of going to college should apply for financial aid. Most of the college's financial aid is awarded based on financial need, which is defined as the cost of college minus family resources. Financial aid may never exceed financial need. In many instances, Suffolk County Community College (SCCC) is able to meet the student's full financial need with grants that do not have to be repaid.

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

The following are college costs at Suffolk County Community College for 2005-2006:

Dependent Student Costs:

Full-Time - 9 Months

Tuition/Fees*	\$3,542/year
Books/Supplies	850/year
Travel	1,616/year
Personal	1,350/year
Home Maintenance	2,550/year
	<hr/>
	\$9,908/year

Self-Supporting Student Costs:

Full-Time - 9 Months

Tuition/Fees*	\$3,542/year
Books/Supplies	850/year
Travel	1,616/year
Personal	1,350/year
Home Maintenance	4,250/year
	<hr/>
	\$11,608/year

**Tuition and fees may be subject to change.*

The first step in applying for financial aid is completion of the "Free Application for Federal Student Aid" (FAFSA). All aid applicants at SCCC must file this form either using the paper application or electronically to be considered for any aid, including student loans. Students interested in also applying for financial aid sponsored by New York State can file the same electronic FAFSA and then click on the link for New York State residents. An applicant who misses the link for the online FAFSA or abandons their web session or applies using a paper FAFSA will be able to apply online at <http://www.tapweb.org> where they will be able to establish a HESC PIN to gain access to the online TAP application. Each campus Financial Aid Office has a Help Center where students can file electronically to expedite their award processing.

Since students must be matriculated and taking courses applicable to their current degree or certificate program in order to receive any financial aid, all applicants for financial aid, whether full-time or part-time, should have filed a formal application for admission to the college and have all academic credentials forwarded to the college's Central Admissions Office, 533 College Road, Selden, New York 11784-2899. Financial aid cannot be disbursed until a final official high school transcript with date of graduation or General Education Diploma (GED) is on file in the Admissions Office or the student has been admitted to the college under Ability to Benefit (ATB) guidelines (see page 30).

The federal processor reviews family income and assets and computes an "expected family contribution" (EFC) to educational cost. The college subtracts the "EFC" from the college cost to determine financial need. The financial need represents the amount of money required minus family resources to meet college expenses for the academic year.

Students eligible for financial assistance under any of the college-based financial aid programs (FSEOG, FWSP, APTS, EOP) will receive an award letter. If a student filed for a Pell Grant and wishes to use Pell Grant funds to attend Suffolk, the student *must* list SCCC as one of their college choices. This enables the college to receive the Student Aid Report (SAR) electronically. The college will then mail an award letter to the student containing the federal award.

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

The Federal Family Educational Loan Programs, the Federal Stafford Loan and the Federal Parent Loan for Undergraduate Students (PLUS) loan payments are transmitted directly to the college by the lender or guarantor which has approved the loan.

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

FINANCIAL AID OFFICES

Ammerman Campus

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

Eastern Campus

Peconic Bldg. Room 112
 Riverhead, NY 11901-3499
 631-548-2525 (phone),
 631-548-2504 (fax)
faeast@sunysuffolk.edu

Grant Campus

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

Deadlines

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

Students who file for admission after February 15 should file their application for financial assistance at the same time as their admission application. It takes approximately six to eight weeks for all financial aid credentials to reach the Financial Aid Office. **The college can not process a student's application for financial aid until the student has been accepted for enrollment and all necessary materials are received (Pell Grant award status, all tax forms and/or non-taxable information, and final official high school transcript).**

However, applications will continue to be accepted as long as funds are available.

Renewal

Financial aid is not automatically renewed and must be applied for each year. For continuing students, the college requires an application for renewal of financial aid be filed no later than April 15. You may use the Renewal FAFSA on the Web.

In order to be continued on most federal and state financial aid programs, students must be in good academic standing and maintain satisfactory academic progress. See the Academic and Student Policies section of this catalog for a definition of good academic standing. The satisfactory progress standards for financial aid recipients are contained in the charts on page 54.

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 finan-**

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

Review

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

Independent Student Status

The definition of "independent student" as defined by the federal government and applicable to all federal aid programs including the Federal Family Loans, is an individual who meets one of the following criteria:

1. An individual at least 24 years old by December 31 of the award year (i.e., 2006 for the 2006-2007 year)
2. An orphan or ward of the court
3. A veteran of the Armed Forces of the United States
4. An individual with legal dependents other than a spouse
5. A married person

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. Generally, the awards will range from \$400 to \$4,050 per year.

Federal Supplementary Educational Opportunity Grant (FSEOG)

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

Hope Scholarship (to reduce taxes)

One of the major provisions of the Federal Tax Relief Act of 1997 is a tax credit entitled the HOPE Scholarship, which is designed to extend educational opportunities to low and middle income individuals. Eligibility is restricted to students enrolled in the first two years of post-high school study whose income does not exceed \$52,000, or \$105,000 if filing a joint return. The Relief Act became effective on January 1, 1998. Please contact your tax specialist for additional information.

New York State Government Grants Tuition Assistance Program (TAP)

The Tuition Assistance Program (TAP) is available to residents of New York State who are full-time students (12 credits or more). The TAP award is based on the family's New York State net taxable income. Awards range from a minimum of \$275 to a maximum of \$2,990 per year. 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 take at least one course which earns at least 3 credits toward their current degree; the remaining courses may be non-credit developmental courses. Continuing students must take courses which earn at least 6 credits toward their current degree (i.e., of the 12 credits taken) in order to be considered full-time; the remaining courses may be non-credit developmental courses. Students are not covered for repeat courses that were successfully completed in the past. All courses used to qualify for financial aid must be required for the degree or certificate.

Aid for Part-Time Study (APTS)

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

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

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

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

Child of Veteran Awards (CV) are for children of deceased or disabled veterans of the war periods 1941-46, 1950-53 and 1961-73. There are also awards for children of servicemen who are prisoners of war or missing in action from those periods. The award is \$450 a year for up to four years of full-time college study in New York State.

Child of Police Officers/Firefighters Awards are for children of deceased police officers or firefighters who died as a result of an on-the-job injury after June 30, 1982. The award is \$450 a year for up to four years of undergraduate study.

Vietnam and Gulf War veterans should contact NYHESC at 888-697-4372 for additional information.

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 \$775 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 - Room 543
Albany, New York 12234
Phone: (518) 474-0537

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. **Vocational and Educational Services for Individuals with Disabilities (VE-SID)**

Contact the District Office located at Hauppauge, NY by calling 631- 952-6357; at Riverhead, NY by calling 631-727-6496.

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

Information is available by contacting the Veterans Administration toll-free at (888) 442-4551 or (800) 827-1000.

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 Family Education Loan Program

The Federal Family Education Loan Programs (FFELP), Stafford Loan (Subsidized/Unsubsidized) and Federal Parent Loan (PLUS), enable the student and/or parent to borrow from a lender such as a bank, credit union or savings and loan association to help pay educational costs.

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

All students must apply for a Pell Grant by using the FAFSA (“Free Application for Federal Student Aid”) **before** consideration is given to Federal Stafford Loan (Subsidized & Unsubsidized) eligibility and Parent Loans (PLUS).

Length of the repayment period depends upon the date the promissory note matures as well as the total amount borrowed. A student borrower may be permitted to make payments of less than \$50 per month under unusual and extenuating circumstances. Request for such forbearance must be made to the lender.

TYPICAL REPAYMENT PLANS

TOTAL LOAN AMOUNT	NUMBER OF PAYMENTS	MONTHLY PAYMENT	INTEREST CHARGES	TOTAL REPAID
\$2,600.	65	\$50.00	\$628.42	\$3,228.42
4,000.	120	49.06	1,887.20	5,887.20
7,500.	120	91.99	3,538.80	11,038.80
10,000.	120	122.65	4,718.00	14,718.00
15,000.	120	183.98	7,077.60	22,077.60

Federal Subsidized Stafford Loan Program

Depending on need as determined by the federal application (FAFSA), students may borrow up to \$2,625 for the first year and up to \$3,500 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 Stafford Loan. Students may pay a 3% origination/insurance fee collected by the lender and submitted to the Department of Education.

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 5.3%.

Federal Unsubsidized Stafford Loan Program

Unsubsidized Stafford Loans are available to all matriculated students regardless of income, but only after a student has filed a FAFSA. Interest rates and loan limits are the same as in the subsidized Federal Stafford Loan Program. Interest payments for the unsubsidized Stafford 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 Stafford Loan Program annual limits. The subsidized loans must be applied for first. Independent students may receive up to an additional \$4,000 in unsubsidized loans.

FEDERAL AND STATE FINANCIAL ASSISTANCE PROGRAMS

Program	How to Apply	Award	Income Criteria	Enrollment
Federal Pell Grant (Pell)	www.fafsa.ed.gov	\$200-\$2025/semester; \$400-\$4050 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)	www.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	www.fafsa.ed.gov	Up to \$2500/semester; \$8.50-\$10.50/hour; Summer \$2100	Same as above – Demonstrating financial need	Available for both part- and full-time study
Federal Family Education Loan (FFEL)	www.fafsa.ed.gov and Master Promissory Note (MPN) from Lender or Guarantor	1st year up to \$2625; 2nd year up to \$3500; 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
Parent Loan for Undergraduate Students (PLUS)	www.fafsa.ed.gov and PLUS application from lending agency	Minimum: \$200/year; Maximum: “Cost of Attendance” less other financial aid	No income criteria. However, parent borrower must have good credit and satisfactory income-to-debt ratio.	Minimum 6 credits/semester
NYS Tuition Assistance Program (TAP)	www.fafsa.ed.gov and Express TAP Application (ETA)	Minimum: \$137/semester Maximum: full tuition or \$1495/semester	Dependent Students and Independent Students with Dependents: NYS taxable income not to exceed \$80,000; Single Independent Students: NYS taxable income not to exceed \$10,000	Full-time study only (12+ degree credits/semester)
NYS Aid for Part-Time Study Program (APTS)	www.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)

Parent Loans for Undergraduate Students (PLUS)

PLUS loans are for parent borrowers. Annual loan limit is the cost of education minus other financial aid for each dependent student.

Part-Time Employment Federal Work-Study Program

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

The maximum number of hours one may work while classes are in session is 30 hours per week, and the salary is significantly above the current minimum wage. Students interested in summer employment must apply by April 1. Generally, awards will range from \$1,700 to \$3,500 per year.

Part-Time Jobs on Campus

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

How to Apply Federal Programs

The Free Application For Federal Student Aid (FAFSA) is the primary document for ALL financial aid applicants. Students are strongly encouraged to file the FAFSA electronically as soon as possible. The process can be expedited by filing on the web at <http://www.fafsa.ed.gov>, either at home or by using a personal computer at any of the campus Financial Aid Offices.

When completing the FAFSA, applicants are asked to indicate their interest in the Federal Work-Study Program and the Federal Family Education Loan 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 ap-

plication and eligibility information is available in the chart on the previous page.

Additional Applications Tuition Assistance Program (TAP) and Child of Veteran Awards

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 or applies using a paper FAFSA will be able to apply online at <http://www.tapweb.org>.

To receive the Child of Veteran Award, the student must file the FAFSA and file the Child of Veteran Award supplemental form. The Child of Veteran Form is available by calling New York State Higher Education Services Corporation at 888-697-4372.

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

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

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

Parent Loans for Undergraduate Students (PLUS)

First apply for other aid through completion of the Free Application for Federal Student Aid (FAFSA) to ensure consideration for all sources of aid. The maximum interest rate is 9%.

Parents will receive a Master Promissory Note (MPN) from NYHESC. This note *must be completed* and returned to Albany for a loan approval. Disbursement of 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

**SUFFOLK COUNTY COMMUNITY COLLEGE REQUIREMENTS FOR 2006-2007
TITLE IV SATISFACTORY PROGRESS (Federal Financial Aid)**

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

* Official course withdrawals during the add/drop (refund) period will **not** be counted as attempts. All other withdrawals, **including "unofficial withdrawals" (no longer attending class)**, will be counted as attempts. Students falling below the above standards will be ineligible for financial assistance unless they are approved for a waiver due to unusual circumstances.

** All students pursuing a second associate degree will be expected to successfully complete 75% of all course attempts. Federal financial aid toward pursuit of a third degree will only be approved due to extenuating circumstances.

In addition to meeting the requirements for Title IV satisfactory progress, students must also meet the following standards of satisfactory academic progress for State Aid programs.

**REQUIREMENTS FOR STATE ACADEMIC PROGRESS AND PURSUIT
payments or semesters**

Before Being Certified for this Payment	First	Second	Third	Fourth	Fifth	Sixth	Seventh	Eighth
Student Must Have Accrued at Least This Many Credits	0	3	9	18	30	45	60	75
With at Least This Grade Point Average	.0	.5	.75	1.3	2.0	2.0	2.0	2.0
Student Must Have Also Completed in Prior Semester	0	6	6	9	9	12	12	12

illustrate that he/she can regain the satisfactory standard in the coming semester.

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

Each semester financial aid recipients who fall below the standards listed in the charts on the next 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 take at least one course which earns at least 3 credits toward their current degree; the remaining courses may be non-credit developmental courses. Continuing students must take courses which earn at least 6 credits toward their current degree (i.e., of the 12 credits taken) in order to be considered full-time; the remaining courses may be non-credit developmental courses. Students are not covered for repeat courses that were successfully completed in the past. All courses used to qualify for financial aid must be required for the degree or certificate.

SCHOLARSHIPS

Suffolk County Community College offers more than 340 scholarships worth over \$400,000. The scholarship program is administered under the auspices of the Suffolk Community College Foundation, Inc. Scholarships are made available through the generosity of various individuals, student organizations, college faculty and staff, local and community groups, business firms, and through the fundraising activities of the Suffolk Community College Foundation. Each campus has a Scholarship Committee which coordinates the selection of scholarship recipients. Eligibility criteria vary

depending upon the particular scholarship in question. Typical criteria include grade point average and credits completed, while selected scholarships may also require enrollment in a specific academic program, residence in a limited geographic area, community service or co-curricular activities. Other factors which may be considered include essays, faculty recommendations and interviews. The actual selection process is coordinated by both campus and collegewide scholarship committees.

Scholarships for Entering Freshmen

Alumni Association Family
 American Hellenic Educational Progressive Association (AHEPA)
 Margaret Campo
 Domino Family Scholarship Fund in the Long Island Community Foundation
 East Northport Lions Club
 J. Robert Fisher Honors
 J. Robert Fisher Minority
 Paul J. Fitzpatrick Memorial
 Robert Fountaine Memorial
 Sona Hoefman Art
 Honors Program Foundation
 Charles F. Kelly, Jr. Memorial
 Salvatore J. LaLima
 Mind Over Matter
 Minority Achievers Scholarship Program (M.A.S.P.)
 National Coalition of 100 Black Women
 National Science Foundation Engineering
 Suffolk County Legislature
 Phi Theta Kappa Honor Society
 Presidential
 Peggy Stewart Memorial
 Raymond Rienecker Music
 Scouting
 Sunrise Firefighters

Scholarships for Continuing Students

General Academic Merit
 Astoria Federal Savings
 Barnes and Noble Bookstore
 Janet DiBari Memorial
 John A. DeFina Memorial
 Full Deck Scholarship
 General Academic Merit
 G. Drews and Staff Award
 Long Island Street Rod Association
 Guiseppe A. Nigro Lodge, Mother Cabrini
 John L. Parker Memorial
 Paul Hutter Memorial
 Robert T. Kreiling
 Vincent O'Leary
 Smithtown Stitchers

SCC Foundation
Grant Campus Longevity

Business

Rosemarie V. Dilks Memorial
James A. Perry
Frank Pullara Memorial
Dominic Riemma Family Memorial
Astor Business
H. Jay Jude Bruhn Memorial
Business Area Memorial
Culinary Arts
Martin F. Decatur
Joseph Helfenstein
Amy Lau Alumni
Ethel Malloy Memorial
Irma Drange-Dunnett Memorial
Walter Hamilton Memorial
Eastern Long Island Executives (E.L.I.E.)
Barbara Burggraf Memorial
Mimi Krinsky Memorial
Yvonne K. Boulia
Mark Steinbuck Memorial
Helen E. Weinstein Memorial

Communication and the Arts

David Demsky
Astor Communications and the Arts
Art
B&M Art Supply
Gail Cohen Edelman Memorial
John Daly Memorial
Maurice N. Flecker
Lawrence Foundation
Frank Livernoche
Vanessa Todd Memorial
Eastern Long Island Quilters Guild
Irene DiBartolo
Lou Grasso Memorial
Leonard Goldberg Memorial
Joseph Koenig-Munz
Shirley Cox Theatre Award
Wayne Nester Journalism
Harriette Novick

Computing

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

Health, Community and Human Services

Louise and Harold Perkal Memorial
Frederich H. Strybing Memorial
Culinary Arts

John Dodds Memorial (AEMT)
George F. Hanley III Memorial
Astor, Health, Community and Human Services

David A. Tereshko Memorial
Lana T. Caruso
Sean M. Coffey
Crosley
Majorie P. Doyle
Audrey Gabriel Memorial
Gail Ellen Grogan Memorial
J. Kings Food Service Culinary Arts
Helen Naviloff Memorial
Nursing Club
Nursing Club Pin Award
Patricia Reckenbeil
Kenny C.O.T.A. Memorial
Physical Therapist Assistant

Liberal Arts

June D. Hudis Memorial
Morton D. Strassberg
Harry Crooke
Karl and Doris Erhardt Memorial
Richard Preston Memorial
E.S.L.
Amy Lau Alumni
Eraclis Karahalis Memorial
Tracey Stark Memorial
DeLuca Italian Club
Harry W. Steeve Memorial
Louise B. Perkal Memorial
Tracey Stark Memorial
Astor Liberal Arts
Andrea Brown Memorial
Ellis Von Eschen Memorial
Dr. Robert Frey Family Foundation
William Agins Memorial
Christina and Gaspare L. LaSala
Ron Lipp Memorial
Richard Fox Memorial
Lynn Buck Women's Studies
Corinne Visnefsky Memorial

Technical, Scientific and Engineering

Dayton T. Brown
Astor Technical, Scientific and Engineering
Bridgestone

Special Criteria

Alumni Family
W.I.L.L.
African Peoples Association
Ethel K. Cooper Memorial, through the Center on the Holocaust, Diversity and Human Understanding, Inc.
Thurgood Marshall Rosa Parks Leadership
Frances Plourd Memorial/AME

Gerry Trerotola Memorial/AME
 Dawnmarie A. Gerenstein Memorial
 Margaret P. and James O'Brien Memorial
 Human Resources Club
 International Indian and Pakistani
 Morine Hamilton
 Cooperative Education and Internship
 John Speirs Memorial
 Laura Provenzano
 Annette Rapkin Office of Student Activities
 Rita Griff/Phi Theta Kappa
 SCC Spirit
 Dr. Marianne Byers Memorial
 Henry Andrew Memorial
 Association of Latin American Students
 (A.L.A.S.)
 Jorge Cordero Latin Hispanic Student Union
 Mildred Green
 David Elkins Memorial
 Phi Theta Kappa
 Glenda Rosenblum Memorial
 Albert M. Ammerman
 D.I.S.C.
 Jack Schanfeld
 Daniel B. DePonte Student of the Year
 John Dodds Memorial (PBA)
 Frances J. Manfredi Memorial
 Mark Steinbuck Memorial
 Helen E. Weinstein Memorial
 Mena Ramirez Memorial

How to Apply and/or Get Additional Information

For more complete scholarship/award information and application procedures, contact any of the offices listed below or visit the college's Web site at <http://www.sunysuffolk.edu/Scholarships/search.asp>.

AMMERMAN CAMPUS

Suffolk County Community College
 Dean of Student Services
 Ammerman Building, Room A16
 Selden, NY 11784-2899
 631-451-4043

EASTERN CAMPUS

Suffolk County Community College
 Financial Aid Office
 Peconic Building, Room 112
 Riverhead, NY 11901-3499
 631-548-2525

GRANT CAMPUS

Suffolk County Community College
 Dean of Student Services
 Caumsett Hall, Room 106
 Brentwood, NY 11717-1092
 631-851-6521

CENTRAL ADMISSIONS OFFICE

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



Student Services

INTRODUCTION

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

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

REGISTRATION AND RECORDS

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

for graduation, and certifies and mails official college transcripts.

COUNSELING AND ADVISING SERVICES

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

AMMERMAN CAMPUS

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

EASTERN CAMPUS

Student Success Center
122 Peconic Building
Career Planning and Transfer
Resource Center
7 Corchaug Building

GRANT CAMPUS

Counseling Center
20 Caumsett Hall

Academic Advising

Services are available to guide students through their educational experience. All matriculated day and evening students on the Eastern and Grant campuses are assigned a faculty advisor, generally from their major area of emphasis. On the Ammerman Campus, students should ask a faculty member in an academic department related to their major and/or intended career for assistance.

Non-matriculated students on all three campuses can make arrangements to meet with a counselor through the Counseling Center on each campus.

Counseling

Each campus offers comprehensive counseling services to help students derive the maximum benefit from their college experience.

Educational counseling is available to assist students in clarifying their educational goals, planning a course of study and selecting appropriate four-year colleges. **Career counseling** services help students explore their interests, values and abilities and make informed decisions regarding area of emphasis and general career direction. As an aid in career counseling, interest and aptitude testing and computerized career exploration programs are also available.

Personal counseling services are provided to help students deal constructively with personal/social/emotional concerns and difficulties which may be interfering with academic progress. Referrals are also made to community services and agencies when appropriate.

Transfer Information

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

Each semester, Transfer Days are held on each campus so that students can meet with representatives from dozens of four-year colleges and universities in order to obtain information about admission requirements and program offerings.

Career Services

Career services are available on all three campuses to help enrolled students and alumni research and pursue career opportunities in lo-

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

Disability Services

The college is committed to maximizing educational opportunities for students with disabilities by minimizing physical, psychological and learning barriers. Special counseling is available on each campus to help students achieve academic success through the provision of special services, auxiliary aids and reasonable program modifications. Examples of services/accommodations include registration and scheduling assistance, use of tape recorders, sign language interpreters, special testing conditions, notetakers, reader services, and specialized adaptive equipment.

Students with disabilities must document the nature of their disability and request services from the disability services counselor designated on each campus (i.e., Office of Special Services on the Ammerman Campus; the Counseling Centers on the Eastern and Grant campuses).

The college's Compliance Officer under 504 legislation and the Americans with Disabilities Act is the Administrative Director for Personnel Relations, Norman F. Lechtrecker Building, 631-451-4118.

STUDENT LIFE

Campus Activities

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

Students are encouraged to participate in student organizations programs, campus governance and numerous student life programs

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

Multicultural Affairs

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

Athletics

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

Intercollegiate athletic programs are offered at the Ammerman and Grant campuses. Eastern Campus students may participate at either of these campuses.

At the Ammerman Campus, men may compete in baseball, basketball, cross country, golf, soccer, tennis and cheerleading. Women may compete in basketball, cheerleading, cross country, softball, tennis and volleyball.

The Grant Campus offers athletic competition for men in baseball, basketball, lacrosse, bowling and swimming while women may compete in bowling, swimming, softball, volleyball and soccer. **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.)**

On the Ammerman and Grant campuses, an intramural program for both men and women is coordinated by the Director of Athletics, who should be contacted for specific information on the intramural sports offered.

The Eastern Campus offers a diversified athletic program which includes intramural and non-competitive sporting events. Information regarding the athletic program can be

obtained by contacting the Director of Campus Activities.

Health Club

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

Several affordable membership levels exist, including SCCC students, faculty and staff, Suffolk County residents, family memberships, seniors 60 and over, and non-residents. For more information, including hours of operation and membership dues, please contact the SCCC Health Club at 631-851-6900 or check the SCCC website, <http://www.sunysuffolk.edu/hsecenter/healthclub.shtml>.

Music

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

Theatre

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

HEALTH SERVICES

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

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

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

CHILDREN'S LEARNING CENTERS

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

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

The Grant Campus facility, located east of the Caumsett Hall parking lot, serves the children of students, faculty, staff and county employees. The center is open from 7:30 a.m. to 4:00 p.m., Monday through Friday and provides care for infants and toddlers ages eight weeks to five years. For more information call Suffolk Kids' Cottage at 631- 851-6517.

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

FOOD SERVICE

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

AMMERMAN

Babylon Student Center Cafeteria

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

EASTERN

Peconic Building Cafe

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

GRANT

Captree Commons, Cafeteria

Monday-Thursday . . . 7:00 a.m.-9:00 p.m.
Friday 7:00 a.m.-2:00 p.m.
Saturday 7:00 a.m.-2:00 p.m.

BOOKSTORES

Textbooks and supplies can be obtained at the college bookstore which is privately owned and operated by Barnes and Noble on all three campuses.

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

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

AMMERMAN

Babylon Student Center

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

EASTERN

Peconic Building

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

GRANT

Captree Commons

Monday-Thursday . . . 9:00 a.m.-6:00 p.m.
Friday 9:00 a.m.-2:00 p.m.

STUDENT ONLINE SERVICES, MYSCCC PORTAL, E-MAIL ACCOUNTS

Suffolk County Community College provides online services to students through MySCCC—a new student portal. MySCCC delivers services through an enhanced and secure environment which represents the college's commitment to protect the privacy of records while providing students with access to online services that assist them in meeting their educational goals.

Access to this system requires the use of a Username and Password. By logging into these services, students are verifying that the Username, PIN number and Password entered belong to them. Logging in with someone else's information constitutes improper use of this system and is a violation of state and federal law. This secure system also requires students to periodically change their passwords. New

PIN numbers can be obtained by contacting the Registrar's Office.

Accessing MySCCC enables students to view important college announcements and access their college e-mail account and calendar. Users may login at home or at a PC located in the college's libraries, cyber lounges and academic computing labs. Many student services are offered in this format, such as viewing financial aid status, registering for classes, paying tuition and fees, reviewing the Student Advisement Information Notice (SAIN), checking semester grades, applying for graduation, changing personal information, and requesting official transcripts. Students can also use MySCCC to access other helpful college information such as Enrollment Services, Student Life, Student Services and Academics.

SCCC's e-mail system is available to every SCCC student who has a current network account and a valid password. Since important messages are sent to students by e-mail, it is the responsibility of all students to manage the use, message content and size of their e-mail accounts. The college expects students to read their e-mail on a regular basis and delete old

messages, thus ensuring more efficient delivery of e-mail services.

SCCC has established policies for the acceptable use of computing resources. These policies can be found on the college Web site at http://www3.sunysuffolk.edu/Administration/IT/Help/policies/IT_Policies_students.asp.

CYBER LOUNGES

The Cyber Lounges on the three campuses are sponsored by the Suffolk Federal Credit Union (SFCU) in partnership with Suffolk County Community College. With locations in the Babylon Student Center on the Ammerman Campus, the Peconic Building on the Eastern Campus and the Captree Commons on the Grant Campus, SCCC and SFCU hope to serve students, alumni, faculty and staff by offering a full range of affordable financial products and services.

The Cyber Lounges are the only on-campus facilities in Suffolk County designed to help young adults gain financial literacy. Their focus is on enhancing financial education by providing financial services that facilitate hands-on training for college students and by offering competitive products and services.



Academic and Student Policies

ACADEMIC POLICIES

Grading System

Grades will be sent to the student at the close of each semester. The instructor's analysis of each student's academic achievement will be in accordance with the following grading system:

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

INC INCOMPLETE

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

S SATISFACTORY

This grade is given only for developmental courses, which do not satisfy degree requirements: RE09, RE10, EG09, EG10, EF01, EF02, EF03, EF04, EF05, EF06, EF07, EF08, MA01. S grades are not used in grade point average computations.

SA,SB,SC

These grades are used for MA06 and MA07 only, which are developmental courses and do not satisfy degree requirements.

SA = 90%-100%

SB = 80%-89%

SC = 70%-79%

S grades are not used in grade point average computations.

W WITHDRAWAL

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

U UNSATISFACTORY

This grade is given only for developmental courses, which do not satisfy degree requirements: MA01, MA06, MA07, RE09, RE10, EG09, EG10, EF01, EF02, EF03, EF04, EF05, EF06, EF07, EF08. U grades are not used in grade point average computations.

R REPEAT

This grade is given only for developmental courses, which do not satisfy degree requirements: MA01, MA06, MA07, RE09, RE10, EG09, EG10, EF01, EF02, EF03, EF04, EF05, EF06, EF07, EF08. The R grade indicates the need for a student to reregister for the same course in a subsequent semester, usually because the student, while making progress in that course, has not yet completed all the course requirements. R grades are not used in grade point average computations.

AUD AUDIT

A student wishing to audit a course must register and pay for that course in accord with

normal registration procedures. When a student audits a course, a grade of "AUD" will be recorded and no academic credit will be given. An auditor, by definition, is not required to take tests, write term papers or submit homework assignments, but is expected to participate in class to the extent deemed reasonable and necessary by the instructor. A student must inform the instructor at the first class meeting of his or her intention to take the course on an audit basis. Once this intention is stated, the student may not change from audit to credit status. Since 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.

Grade Changes

All requests for grade changes must be made within two years of completion of the course. Any exception to this policy would have to be reviewed by the Campus Dean.

Students who believe they have received an incorrect grade should discuss this issue with their instructor. If the instructor agrees with the student, he or she will submit a change of grade on the appropriate form to the Associate Dean of Academic Affairs.

If the student and the faculty member do not agree and the student wishes to appeal, the Grade Grievance Procedure described below and outlined in the student handbook should be consulted.

The Grade Grievance Procedure provides for a four-step process by which a student may initiate consideration of an aggrieved grade, beginning with first contacting the faculty member involved. If necessary, the procedure continues through ascending levels of administrative authority until finally reaching the office of the Campus Dean on the appropriate campus, who may convene a Grievance Committee to hear the grievance and make written recommendations.

Students who have questions about the grade grievance process should consult with the appropriate departmental office or dean.

Academic Standing Grade Point Averages

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

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

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

- a. When transfer credits are granted for courses completed at another college, no quality points or grades are awarded; hence, such credits do not affect the cumulative grade point average at SCCC.
- b. When a course is repeated, the cumulative grade point average is computed using only the most recent grade and credit hours received by the student for that course; the previous grade and credit hours are retained on the transcript but are not computed. This rule is applied to only one repeat of a given course and applies to all grades.

Transcript Review

- a. Following a **change of curriculum or emphasis**, those courses with grades of D+, D and F that are specific to the old curriculum and not applicable to the new curriculum or applicable only as unrestricted electives, may be excluded in calculating the new cumulative grade point average, although all courses for which a student registers will appear on the transcript. It is the student's responsibility to petition the campus Office of the Associate Dean for Academic Affairs to have his/her average computed. *A student may have this rule applied to only one change of curriculum or emphasis that occurs within the first 38 credit hours attempted at the college.*
- b. A student who is **readmitted to SCCC after an absence of two or more semesters** may, after the end of the first semester, petition the campus Office of the Associate Dean for Academic

Affairs for a review of his/her previous SCCC transcript. When the student has successfully completed 12 credits after readmission with a 2.0 average, the transcript will be reviewed and grades of D+, D and F may be eliminated from computation of the grade point average, although all such courses will continue to appear on the transcript. *This readmission review will be permitted only once.*

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

Probation

A student is deemed to be in good academic standing unless he/she has been dismissed from full-time status or his/her matriculation status has been rescinded.

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 subsequent 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 will be dismissed from full-time status. Once their matriculated status is rescinded, they may continue in attendance only as non-matriculated students and may enroll only in a program of fewer than 12 credits.

Part-time students placed on probation are not subject to dismissal. However, if they do not remove themselves from probation, their matriculated status will be rescinded and they may continue in attendance only as non-matriculated students.

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."

The college may place a student on probation subject to dismissal any time he/she fails

to meet the academic standards indicated below or willfully abuses college regulations. These standards apply to students who matriculated after September 1, 1990. Students matriculating prior to that date should consult an earlier catalog for the standards that will be applied.

Any full-time student will be automatically placed on probation if he/she fails to meet either of the following criteria:

CREDIT HOURS ATTEMPTED	MINIMUM GRADE AVERAGE	*RATE of COMPLETION/ SEMESTER and/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 be automatically placed on probation if he/she fails to meet either of the following criteria:

CREDIT HOURS ATTEMPTED	MINIMUM GRADE AVERAGE	*RATE of COMPLETION/ SEMESTER and/or CUMULATIVE
12-15	1.6	50%
16-30	1.7	50%
31 -45	1.8	66%
46 or more	2.0	66%

Students remain on probation until such time as subsequent academic performance removes them from probationary status. Full-time students on academic probation may not register for more than four courses, not to exceed 14 credits, and are asked to see their academic advisor or counselor early in the next semester. Probation is noted on the student's permanent record and is not subject to the appeals process described under "Dismissal."

Students on probation who in a subsequent semester earn a 2.0 GPA or better and have a semester completion percentage of at least 66% will be allowed to continue on probation rather than be dismissed.

*NOTE: *Students whose GPA still falls below the minimum grade average required are not subject to probation if they satisfy either a semester or cumulative completion rate.*

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 permanent record.

Students who are dismissed for an insufficient cumulative average have the right to appeal if they feel an error has been made or other extenuating circumstances exist. Appeal for reinstatement is made in writing to the Campus Dean on the campus the student is attending and, if possible, shall be supported by a written recommendation from any faculty member who feels he/she is in a position to support the student's appeal. Appeals for reinstatement are considered by the campus Academic Appeals Board, which forwards recommendations to the Campus Dean.

Should the Campus Dean grant the appeal, the student shall be reinstated with probationary status. The notation on the student's permanent record will be changed from "dismissed" to "probation."

A dismissed student may apply to the Central Admissions Office for readmission after one semester. However, along with the application, the student must present evidence of having successfully undertaken a program of study during that time. A student thus readmitted will be "in good academic standing."

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.

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 a course or removal from the class roster.

A student may be asked to withdraw from a class by an instructor at when, in the judgment of the instructor, absences have been excessive. A student may also be withdrawn from a class by the 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 be guaranteed a W any time up to the mid-point of the semester or term. After the mid-point, the grade awarded shall be at the discretion of the instructor.

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

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

If a student officially withdraws from the college after the refund period but before the mid-semester date specified in the academic calendar, the student's academic record will show all courses for which he or she registered along with a grade of W for each course. The official withdrawal will be noted on the student's academic record. In addition, withdrawal from a course is considered a non-successful course attempt for purposes of financial aid satisfactory progress requirements. Excessive withdrawals may result in probation or dismissal as defined in the academic probation/dismissal policy on pages 67-68.

Honor Designations/Societies Dean's List

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

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

Graduation "With Distinction" and "With Highest Distinction"

Students of the graduating class who have attained at least a 3.5 cumulative grade point average are graduated "**with distinction.**" Those students who have attained at least a 3.8 cumulative grade point average are graduated "**with highest distinction.**" An academic

achievement of “with distinction” or “with highest distinction” is noted on the student’s permanent record. Furthermore, students who graduate having completed either the Honors Program **Diploma Sequence** or **Recognition Sequence** have this academic honor noted on their permanent record.

PI ALPHA SIGMA

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

PHI THETA KAPPA

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

ALPHA BETA GAMMA

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

CHI ALPHA EPSILON

Chi Alpha Epsilon National Honor Society recognizes the academic achievements of students admitted to colleges and universities through non-traditional criteria. The society serves students in programs such as Developmental Studies, Student Support Services (SSS), McNair Scholars and Educational Opportunity (EOP). Its purposes are to promote continued high academic standards, foster increased communication among its members, and honor academic excellence achieved by these students.

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

completing a year of college course work.

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 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 acknowledge the source of any paraphrased passages and any ideas which they have borrowed. Failure to conform to these academic standards is plagiarism and may result in a failing grade for the course and/or serious disciplinary sanctions as outlined in the Code of Conduct.

Change of Degree, Curriculum or Emphasis

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

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

Guidelines for Employment and Credit Limits

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

Academic Public Disclosure Statement

**DISCLOSURE OF COMPLETION, PERSISTENCE AND TRANSFER RATES FOR FULL-TIME, FIRST-TIME ASSOCIATE LEVEL STUDENTS
ENTERING IN FALL 2001, PURSUANT TO TERMS OF THE STUDENT RIGHT-TO-KNOW ACT
INSTITUTION: SUFFOLK ALL CAMPUSES (Status as of the Fall 2004 Semester)**

SEX RACE	INITIAL COHORT ENTERING FALL 2001 (1)	ENTERING INSTITUTION		TRANSFERS TO A SUNY (WITHOUT A DEGREE)		TRANSFERS TO A SUNY (WITH A DEGREE)		NUMBER PERSISTERS ENROLLED FALL 2004 (8)	ATTRITION INCLUDING NON-SUNY TRANSFERS (9)	RECEIVED CERTIFICATE OR DIPLOMA ONLY (10)				
		GRADS WITHIN TWO YEARS (2)	GRADS WITHIN THREE YEARS (3)	SENIOR INST. (4)	TWO YEAR INST. (5)	SENIOR INST. (6)	TWO YEAR INST. (7)							
											FEMALE	MALE	WHT	BLK	HSP	API	AIA	SUBTOTAL	WHT	BLK	HSP	API	AIA	SUBTOTAL	TOTAL
		1269	381	42	29	72	21	268	456	0				
		108	13	3	1	7	3	21	60	0				
		157	40	2	3	7	4	34	67	0				
		28	7	2	0	3	0	4	12	0				
		7	1	0	0	0	0	2	4	0				
		1569	442	49	33	89	28	329	599	0				
		1130	238	69	25	73	10	224	491	0				
		76	10	2	4	4	2	15	39	0				
		133	17	3	1	7	2	26	77	0				
		39	4	2	2	3	1	9	18	0				
		7	0	1	0	1	0	0	5	0				
		1385	269	77	32	88	15	274	630	0				
		2954	711	126	65	177	43	603	1229	0				

1. Data Source for Non-SUNY Transfers is transfer track service from the National Student Loan Clearinghouse. Available for participating institutions only.

2. Column 1 = Columns 3 + 4 + 5 + 6 + 7 + 8 + 9 + 10

3. Students shown in columns 4, 5, 6 and 7 transferred Spring 2002 through Fall 2004.

CENTRAL ADMINISTRATION OFFICE OF INSTITUTIONAL RESEARCH, STATE UNIVERSITY OF NEW YORK

or more in any given semester.

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

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

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

Leave of Absence

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

Readmission

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

Graduation Requirements

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

1. attain a cumulative grade point average of not less than 2.0.
2. attain a grade point average of not less than 2.0 in their major field of study.
3. complete two credits of physical education classes.
4. complete Freshman Seminar (OS15) (see next column).

5. satisfactorily complete any developmental courses (or course sequences) into which they were placed.
6. complete the 60 or more credits required in their curriculum (exclusive of physical education) as specified in the Curricula section on pages 93-179.
7. complete at least 30 resident credit hours of the required course work offered by Suffolk County Community College (not counting physical education). Resident credits specifically exclude advanced placement, challenge examination, CLEP, portfolio, and all categories of transfer credit.
8. not use extra credits from courses already taken in lieu of any individual course requirement in any curriculum.
9. pay or satisfactorily adjust all college fees and meet all other obligations.
10. file an Application for Graduation in the campus Registrar's Office. Application deadlines are December 1 for January graduation, April 1 for June graduation and July 1 for August graduation.

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

Candidates for the one-year certificate must complete at least 30 credits as specified for their curriculum (see pages 93-179), including at least 15 resident credit hours of course work offered by Suffolk, 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 Division of Student Services. However, each student is ultimately responsible for selecting courses which satisfy graduation requirements for specific degree and certificate programs.

Freshman Seminar Requirement

Full-time day students in all programs must successfully complete OS15: Freshman Seminar. Students are expected to enroll in this class in their first semester. Alternatively, OS 20: Personal Growth and College Life; OS43: College Success Seminar; LR11: Research Essentials: The Library and the Internet; LR15: Library

Research Methods; WS12: Women's Seminar; BU15: College/Workplace Skills Seminar (for students in accounting, business-related and paralegal curricula), or NR15: Nursing Seminar (only for students in the Nursing curriculum) may be used to satisfy this requirement.

Waiver of Degree Requirements

Freshman Seminar (OS15) may be waived for students who complete 12 credit hours of transferable college-level work on a college campus prior to enrolling at Suffolk. Students who complete at least half of their work as part-time students or full-time evening students are not required to take OS15.

The 2-credit physical education requirement may be waived for students who complete at least half of their curriculum requirements as part-time students or full-time evening students. Students with a documented medical waiver will be required to take PE30: Lifetime Fitness and PE31: Personal Lifetime Fitness. Physical education classes are optional for honorably discharged veterans with 18 months of active service.

The Campus Dean on the campus the student is attending may approve other waivers or substitutions from the prescribed curricula. Requests for substitutions will be evaluated on the basis of the equivalence of the proposed substitution to the curriculum requirement. Where appropriate, consideration will also be given to the student's educational needs and objectives.

The necessary forms for requesting a waiver or substitution of a course to meet degree requirements can be obtained from the campus Office of the Associate Dean for Academic Affairs. Forms are also available at each dean's office on the Ammerman Campus and at the Counseling Center on the Eastern Campus.

STUDENT POLICIES

Student Identification Card

All students are required to obtain a student photo identification card prior to the first day of classes and to carry the card with them whenever on college premises. The ID card enhances campus safety and security, serves as a library card, is used to access campus computer center services, is required to conduct business in the Registrar's Office as well as other offices, and can be used as a cash card in conjunction with Suffolk Federal Credit Union. ID cards are issued throughout the semester and during new student orientation. Failure to obtain or produce

an ID card can result in student conduct action, a \$25 fine and/or loss of registration privileges for subsequent semesters. Replacement cards are available at a cost of \$5.

Student Code of Conduct and Student Judicial Process

In order to promote a safe and pleasant learning environment and protect the rights of all members of the college community, Suffolk County Community College has developed a Student Code of Conduct and Student Judicial Process which is available in the Dean of Student Services Office on each campus or on the college's Web site at http://www3.sunysuffolk.edu/Administration/IT/Help/policies/IT_Policies_students.asp.

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

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

Students are encouraged to familiarize themselves with the complete list of prohibited behavior and the disciplinary procedures which have been established to protect the rights of both the student and the educational community.

Information Technology Policies and Guidelines

The Student Code of Conduct prohibits certain behavior related to the use of the college's technology resources and requires compliance with college policies. The full text of this policy can be obtained from the Associate Dean of Student Services office on each campus, or you can locate it on the college's Web site at http://www3.sunysuffolk.edu/Administration/IT/Help/policies/IT_Policies_students.asp.

The policy obligates users to respect the

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

Medical Leave

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

Involuntary Medical Suspension

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

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

Note that students who are suspended through the Involuntary Medical Suspension procedure are subject to the normal refund policy of the college (see pages 44-45 and 46-47).

Prohibition on Smoking

The college has been declared a smoke-free environment and this policy shall be strictly enforced in all college buildings and vehicles. Smoking is prohibited in individual offices, classrooms, corridors, lobbies, bookstores, cafeterias, lounges, lavatories and any other indoor space. In addition, both Suffolk County

law and college policy prohibit smoking within 50 feet of all building entrances and exits. Given the dangers that studies have revealed about secondhand (as well as firsthand) smoke, compliance with this policy should be a priority of conscience. Everyone's cooperation is respectfully requested for the health and comfort of all.

Sexual Harassment

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

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

Traffic and Parking Regulations

All motor vehicles on campus, including motorcycles, must be registered with the college. Vehicles may be registered in the Business Office of each campus.

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

WHITE for students

RED for faculty, staff and administrators

BLUE for handicapped

(Special parking permits for those with temporary disabilities may be issued through the Health Services Office.)

Fire zones and lanes are designated by yellow markings. **NO PARKING IS ALLOWED IN FIRE ZONES AT ANY TIME.**

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

NOTE: Any student who accumulates \$25.00 or more in unpaid traffic fines will be blocked from all registration activity at the college.

PUBLIC NOTICES REGARDING STUDENT-RELATED POLICIES

MANDATORY STUDENT IMMUNIZATIONS: MEASLES, MUMPS AND RUBELLA/MENINGITIS

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

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

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

Students who are in partial compliance will be notified by the College Dean of Students 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 College Dean of Students 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 College Dean of Students 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 College Dean of Students 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.

DIRECTORY INFORMATION

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

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

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

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

PUBLIC NOTICES REGARDING STUDENT-RELATED POLICIES

ANNUAL NOTICE OF STUDENT PRIVACY RIGHTS

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

Local policy explains in detail the procedures to

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

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

CLASS ATTENDANCE— RELIGIOUS HOLIDAYS SECTION 224-a EDUCATION LAW

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

CAMPUS CRIME STATISTICS

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

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



Special Academic Programs

HONORS PROGRAM

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

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

1. An Honors Program application, which is separate from and in addition to the application for admission to the college. To request an Honors Program application please call:
Ammerman Campus, 631-451-4778
Eastern Campus, 631-548-2559
Grant Campus, 631-851-6833
2. A letter of recommendation from a person familiar with the applicant's academic performance or potential. In particular the letter should address the candidate's verbal skills, intellectual ability and academic motivation.
3. A 500-word essay written in connection with a course or especially for the purpose of the honors application. The essay should demonstrate the applicant's writing proficiency and ability to present substantive material in a logical and coherent manner.
4. A copy of the student's high school and any previous college transcript(s) and ACT or SAT scores.
5. New and continuing students may apply

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

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

For entering students:

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

For students already enrolled at SCCC:

- 3.2 cumulative grade point average
- grade of B+ or better in EG11

In all instances, alternative evidence of academic talent may also be considered.

The academic structure and course requirements of the Honors Program are described on page 127 in the Curricula section of this catalog.

ACADEMIC PARTNERSHIPS WITH BUSINESS AND INDUSTRY

Recognizing the rapidly increasing number of internationally and nationally known high technology firms that call Suffolk County home

and are thereby contributing to the growing reputation of Suffolk County as a center for development and innovation, Suffolk County Community College has worked diligently to establish academic partnerships with a number of these major corporations. These cooperative endeavors provide exciting educational opportunities for student by providing and/or enriching certificate and degree curricula, and by providing local businesses with a qualified workforce to ensure their continued strength in the region.

CISCO SYSTEMS

As a Cisco Systems Regional Network Academy, Suffolk County Community College provides Cisco course work for a complete range of basic through advanced networking concepts – from pulling cable through such complex concepts as subnet masking rules and strategies.

The format for the classes reflects the content: interactive lessons are stored primarily on the classroom's own Cisco Web server. To promote development of the personal skills that underpin successful careers, hands-on projects require students not only to resolve technical issues but also to successfully address network users' needs.

Contact the Department of Engineering or Department of Computer Science and Information Technology at the Ammerman Campus for full details of this course sequence.

Web site: <http://cisco.netacad.net/public/academy>.

GENERAL MOTORS, AC/DELCO, FIRESTONE, NISSAN: AUTOMOTIVE TECHNOLOGY

Today's automobiles have between one and four onboard computers, requiring highly technical skills for maintenance performance. Technicians must therefore possess a combination of skills in computer sciences, engineering and mechanics. Students interested in pursuing a future in the high-wage automotive technology industry have several training options available at SCCC:

Generic Program: This 2-year A.A.S. degree trains students to work with any dealership, franchise or independent automotive shop.

General Motors (GM): This 2-year A.A.S. degree program is geared specifically to students wishing to work specifically in a GM-based shop.

See page 98 of this catalog for more information.

OIL HEAT COMFORT CORPORATION: Heating, Ventilation, Air Conditioning and Refrigeration

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

Both SCCC and OHCC recognize that heat must be provided in environmentally acceptable ways and that energy conservation can be advanced by proper training. The curriculum was established to address these concerns, and also provides for continuing education courses to upgrade job skills for air conditioning and gas heat technicians. See pages 125-126 of this catalog for more information.

MECHATRONICS/ADVANCED MANUFACTURING

SCCC provides free mechatronics training through 2008 in conjunction with local advanced manufacturing firms, industry associations and educational institutions, in areas such as automation and control systems, tolerance, specifications and instrumentation, and machining processes. Funded by a grant from the federal Community-Based Job Training Grant program administered by the U.S. Department of Labor's Employment and Training Administration, the program offers 6-month and 1-year industry certifications, including internships with partnering companies. The goal of the program is to enhance career pathways and opportunities for students wishing to enter the manufacturing field. Contact the SCCC Corporate Training Center at 631-851-6229 for further information.

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

<http://www.bnl.gov/education/programs.asp>

Community College Institute (CCI): This Summer Institute for community colleges is designed to provide a ten-week educational training and research experience for highly motivated community college students at various Department of Energy (DOE) national laboratories, including Brookhaven National Laboratory (BNL).

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 are eligible to apply.

Faculty and Student Teams (FaST) Program: This initiative is designed to support faculty/student teams to collaborate in research with participating DOE national laboratories. Faculty apply for summer appointments at one of the DOE facilities. Up to three students are expected to accompany the faculty member for the summer. During the program students will have the opportunity to present their research results verbally and/or in writing. At the end of the ten-week appointment, proposals may be accepted for continuation of research by the teams at their home institutions. Those receiving awards for on-campus research will continue to collaborate with laboratory staff in the performance of work.

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

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

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

Web site: <http://www.sunysuffolk.edu/Web/Central/InstTech/ccinst/doe.htm>

PROFESSIONAL SEQUENCES

Professional Sequences are custom-designed Suffolk County Community College clusters of courses that prepare individuals for a particular career or field of employment or enhance career development. They offer short-term training that in some cases can be completed in only one semester of study. These sequences do not constitute regular SUNY degree or certificate programs, but a Suffolk County Community College Certificate of Completion will be awarded to those students who pursue and successfully complete a sequence. For further information contact the campus Office of Admissions.

• In Business Office Administration

This short-term sequence provides training for displaced office workers who lack the basic business office skills that are demanded by today's job market.

Credits

OT25: Keyboarding and Document Preparation I	3
OT29: Keyboarding and Document Preparation II	3
BA11: Introduction to Business	3
BA22: Computing for Business.	4
BA25: Business Communications.	3
BA42: Professional Development.	3
<hr/>	
Total.	19

Accounting

This sequence is designed primarily for those individuals with some background or prior study in accounting who wish to refresh and update their accounting skills using the computer and current software.

Credits

AC16: Practical Accounting	3
AC37: Computer Accounting Principles	4
BA25: Business Communications.	3
BA42: Professional Development.	3
BA22: Computing for Business.	4
<hr/>	
Total.	17

Governmental Accounting

This sequence is designed primarily for those individuals with some background in governmental accounting who wish to refresh and update their accounting skills using the computer and current software.

	<i>Credits</i>
AC11: Principles of Accounting I	4
AC26: Governmental Accounting	3
AC12: Principles of Accounting II	4
AC37: Computer Accounting Principles	4
<u>Total</u>	<u>15</u>

Business Administration

The following short-term sequences can help individuals retrain in a short period of time. It can also help individuals with non-business-related bachelor's and associate's degrees gain new knowledge relevant to specific areas in business.

	<i>Credits</i>
Option 1 - Marketing	
BD57: Marketing	3
BD70: Advertising	3
BD63: Retail Principles	3
BD73: Salesmanship	3
BA11: Introduction to Business	3
<u>Total</u>	<u>15</u>

	<i>Credits</i>
Option 2 - Management	
BA11: Introduction to Business	3
BA51: Management Principles and Practices	3
BA56: Human Resources Management	3
BA25: Business Communications	3
BA55: Organizational Behavior	3
<u>Total</u>	<u>15</u>

	<i>Credits</i>
Option 3 - General Business	
BA11: Introduction to Business	3
BA21: Business Mathematics	3
BA51: Management Principles and Practices	3
BA53: Entrepreneurship	3
BD57: Marketing	3
<u>Total</u>	<u>15</u>

	<i>Credits</i>
Option 4 - Banking and Finance	
EK55: Money and Banking	3
BF11: Introduction to Money and Finance . .	3
BF18: Principles of Banking	3
BF28: Financial Markets & Institutions	3
AC11: Principles of Accounting I	4
<u>Total</u>	<u>16</u>

	<i>Credits</i>
Option 5 - Human Resources Management	
BA22: Computing for Business	4
BA56: Human Resources Management	3
BA57: Principles of Training and Development	3
BA58: Labor-Management Relations	3
BA55: Organizational Behavior	3
<u>Total</u>	<u>16</u>

	<i>Credits</i>
Option 6 - Selling Career	
BD73: Salesmanship	3
BD57: Marketing	3
CO11: Introduction to Human Communication	3
CO21: Theories of Persuasion	3
BD70: Advertising	3
<u>Total</u>	<u>15</u>

	<i>Credits</i>
Option 7 - International Business	
BA22: Computing for Business	4
BA62: Fundamentals of International Business	3
BA63: Fundamentals of Exporting and Importing	3
BD57: Marketing	3
BD80: International Marketing	3
<u>Total</u>	<u>16</u>

	<i>Credits</i>
Option 8 - Entrepreneurship	
BA11: Introduction to Business	3
BA29: Supervision: Concepts and Practices	3
BA53: Entrepreneurship	3
BA54: The Business Plan	3
BA59: New Venture Management	3
AC19: Accounting for Small Business	3
<u>Total</u>	<u>18</u>

• In Computer Science/Information Technology

Internet/Web Development

This 12-credit sequence covers Internet/Web application development concepts. Students must have some prior programming and/or Web development experience.

	<i>Credits</i>
CS31: Client-Side and Server-Side Web Programming	4
CS35: Web Site Design	4
CS39: XML Document Design and Programming	4
<u>Total</u>	<u>12</u>

Java Programming

This 12-credit sequence covers object-oriented programming concepts utilizing the Java programming language. Students must have some prior programming experience.

	<i>Credits</i>
CS16: Principles of Computing Using Java I	4
CS26: Principles of Computing Using Java II	4
CS60: Data Structures	4
<u>Total</u>	<u>12</u>

Network Design and Administration

This 16-credit sequence covers network design and administration skills required to obtain an entry-level network administrator position in a corporation's information technology department. Students must have prior information technology work experience.

Credits

CS28: Installing, Configuring and Administering Microsoft® Windows® XP Professional.	4
CS68: Network Operating Systems and Network Infrastructure	4
TE51: Cisco - Computer Networking I.	4
TE52: Cisco - Computer Networking II.	4
<hr/>	
Total.	16

Operating Systems

This 12-credit sequence enables students to work with various computer operating systems: DOS, Novell, LINUX, UNIX and Windows. It is presumed that students will have had some prior experience working with operating systems before enrolling in this sequence.

Credits

CS66: Operating Systems: LINUX/UNIX.	4
CS28: Installation, Configuring and Administering Microsoft® Windows® XP Professional.	4
CS68: Network Operating Systems and Network Infrastructure	4
<hr/>	
Total.	12

Visual Basic Programming

This 12-credit sequence covers Visual Basic programming concepts. Students must have some prior programming experience.

Credits

CS14: Programming Graphical User Interfaces Using Visual Basic.	4
CS33: Relational Database Applications and Concepts	4
CS44: Advanced Visual Basic.	4
<hr/>	
Total.	12

• In Health Careers

Emergency Medical Care

This sequence is designed for students who are presently members of or wish to enter an emergency medical service unit. Active membership in an emergency services department is required for enrollment in HC34 and HC36. A Professional Sequence Certificate of Completion will be awarded to students who successfully complete 24 hours of course work.

HC26: Emergency Medical Care I offers training for Emergency Medical Technician–Basic (Basic Life Support). Successful completion of the state examination will result in New York State certification, Emergency Medical Technician–Basic.

HC34 and HC36: Emergency Medical Technician Critical Care II and III offer training for Emergency Medical Technician–Critical Care (Advanced Life Support). Successful completion of the state examination will result in New York State certification, Emergency Medical Technician–Critical Care.

Registration in HC26, HC34 and HC36 requires the student to have a physical examination and submit a college health form and immunization certificate.

Credits

HC26: Emergency Medical Care I.	7
HC34: Emergency Medical Technician Critical Care II	7
HC36: Emergency Medical Technician Critical Care III	7
HC28: Crash Victim Extrication	3
HC38: Emergency Care Seminar	3
<hr/>	
Total.	27

COOPERATIVE EDUCATION AND INTERNSHIPS

Students in selected majors have the opportunity to earn college credit through supervised internship and cooperative education programs. Internship and co-op classes enable students to integrate on-campus academic studies with applied experiences at a variety of off-campus positions. Through these experiential course offerings, students can explore a career and prepare themselves for future employment or advanced studies.

Cooperative education is supervised, on-the-job training directly related to the student's academic major and/or career interest. Co-op students integrate classroom theory with practical work experience. Through a required weekly seminar, co-op students receive instruction in group dynamics and communication at the workplace. Job-related experiences are shared and career planning activities are conducted.

Internships enable students to participate in learning activities at a variety of off-campus placements. Through internships, students can gain exposure to contemporary practices and conduct research in their fields of interest. This first-hand insight is combined with weekly on-

campus seminars to promote and enrich the academic experience.

Both programs have limited enrollment and entrance requirements designed by academic departments to provide for the most meaningful experiences. In cases where internship or cooperative education courses are not required to complete their curriculum, students should consult their academic advisors and Cooperative Education counselors well in advance to determine if an internship or cooperative education class is appropriate. Requirements for enrollment in Cooperative Education and Internship classes vary according to program.

Cooperative Education/Internship course offerings are displayed in the chart below. Please consult the Courses section of the catalog for full descriptions of these courses. For further information contact the office of Career Services/Cooperative Education at 631-451-4049,

Ammerman Campus; 631-548-2672, Eastern Campus; 631-851-6876, Grant Campus.

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. STEP is designed to motivate and prepare economically disadvantaged and underrepresented minority students for careers in those licensed professions having a mathematical, scientific or technological orientation. 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. This combination provides a nurturing environment which builds self-esteem as it

COOPERATIVE EDUCATION/INTERNSHIP COURSES

COURSE	TITLE	CREDITS	CAMPUS	COURSE	TITLE	CREDITS	CAMPUS
AT20-50	General Motors Practicum I-IV	1 each semester	A	ID80	Interdisciplinary Cooperative Education and Internships	3	A
BL50	Paralegal Internship	3	A	IN79	Cooperative Education and Internships in Interior Design	3	E
BU80	Cooperative Education in Business	3	A	OA35	Clinical Practice I	6	G
BUIS	Disney Cooperative	3	A	OA45	Clinical Practice II	6	G
CD55	Field Practicum in Chemical Dependency Counseling	7	G	OD48	Ophthalmic Externship	3	G
CD56	Cooperative Education in Chemical Dependency Counseling	7	G	PO51	Public Service Internship	3-4	A G
CJ85	Criminal Justice Internship	3	A	PT36	Clinical Affiliation I	3	A
CS80	Cooperative Education/Internships for Information Technology	3	A	PT42	Clinical Affiliation II	8	A
CU29	Culinary Arts Internship/Cooperative Education	4	E	RA30	Fieldwork in Recreation Leadership I	4	A
EG31	Journalism Practicum	3	A	RA40	Fieldwork in Recreation Leadership II	5	A
FM43	Food Service Management Fieldwork	5	E	RT50-51	Internship in Video and Sound	4	A
HM60	Career Internships: Equity, Choices and Professionalism in the Workplace	3	A	SS22	Human Services Seminar and Field Practicum I	5	A
HO91	Horticulture Internship/Cooperative	3	E	SS23	Human Services Seminar and Field Practicum II	6	A
HV30	HVAC/R Internship	3	G	VA80	Cooperative Education in Photography and Graphic Design	3	E G
				VS31	Animal Clinic Internship I	3	G
				VS32	Animal Clinic Internship II	3	G

prepares minority and disadvantaged students for entry into a technical curriculum.

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

COLLEGIATE SCIENCE AND TECHNOLOGY ENTRY PROGRAM (CSTEP)

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

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

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

Major program components include:

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

In addition, Suffolk partners with Brookhaven National Laboratory, SUNY College at Old Westbury and SUNY at Stony Brook to provide research and networking opportunities to CSTEP students. Brookhaven National Laboratory provides tours, talks/seminars, job shadowing and summer internships for select CSTEP students. SUNY College at Old Westbury provides a network and conferences for students pursuing careers with a focus on

math/science education and social sciences. Stony Brook University provides a network for students pursuing careers with a focus on medicine, science, engineering and social science.

LIBERTY PARTNERSHIPS PROGRAM (LPP) FOR SECONDARY STUDENTS

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

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

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

BIO-PREP FOR CURRENTLY ENROLLED SCCC STUDENTS

BioPREP (Biology Participation in Research and Education Program) is a program developed by the National Institutes of Health to encourage underrepresented students at two-year institutions who want to transfer to four-year schools and prepare for careers in the biologi-

cal sciences. At SCCC the BioPREP program involves a full scholarship for those qualifying students who would like to participate in the State University of New York at Stony Brook's BioPREP summer program. This is a six-week summer residential program where students study and work in molecular and cellular biology. Application deadline is March 15.

MINORITY ACHIEVERS SCHOLARSHIP PROGRAM (MASP)

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

The purpose of the Minority Achievers Scholarship Program is to:

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

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

CORPORATE TRAINING

The college's Sally Ann Slacke Corporate Training Center is located on the Grant Campus in Brentwood. It offers a wide array of work-force and professional development training to meet the needs of the region's business sector and not-for-profit public agencies through credit and non-credit courses, contract training, grant-funded programs and special seminars and symposia.

The success of the training center lies in its ability to offer cost-effective, employer-specific training that is tailored to a company's unique individual needs. More than 500 companies and 6,000 students have received training through the Corporate Training Center in classes ranging from WordPerfect to Total Quality Management.

Along with providing training to individual companies through contracts and grants, the Corporate Training Center conducts conferences and seminars on subjects of current regional interest. More than 5,000 participants have attended these innovative programs. As testimony to their popularity, over 40% of those attending have been past program participants.

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 has Microsoft-certified instructors who teach certified software applications. The Microsoft certification is a standard well-known throughout the industry and can be used to measure an applicant's computer skill level.

CORPORATE TRAINING CENTER ADMINISTRATIVE OFFICES (area code is 631)

Administrative Director	851-6225
Course Information	851-6200
Sales and Marketing	851-6200
EAP Director	851-6206
Continuing Education	451-4892*
Security	851-6777

*located on the Ammerman Campus in Selden

Note: See the *DIRECTORY OF COLLEGE SERVICES* on pages 351-352 for additional phone numbers.

SALLY ANN SLACKE CORPORATE TRAINING CENTER

Grant Campus
Crooked Hill Road
Brentwood, NY

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.

In response to the needs of Long Island employers, the college has met the challenge of providing low-cost quality training through contract and grant-funded training programs such as the following:

- **Computer Applications:** includes such areas as Microsoft Word, Access, Excel, Outlook and PowerPoint taught on- or off-site

- **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.

- **Small Business Training:** through contracts and grants, small businesses can take advantage of a wide range of training courses to help improve their operations. Customer Service, Communications, Sales and Marketing and Team Building are only a few of the dozens of 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 career ladders for their employees.

- **Specialized and Customized Skills Training:** English as a Second Language, taught on-site, is helping businesses meet the challenge of Long Island's changing demographics.

Geographic Information Systems (GIS) is becoming an increasingly important tool utilized by planning departments, fire and police departments and businesses who have to schedule movements of goods and services.

ISO Preparatory training has proved to become most important for Long Island firms producing goods and services for export sale in our global economy.

- **Online Learning:** Currently in development are a number of courses that can be accessed electronically at the Corporate Training Center's facilities or through home or office computers. This new innovation will maximize the Corporate Training Center's flexibility in providing expanded training opportunities to employees at very reasonable cost.

Grant-Funded Training Programs

Since 1985 the college's newly renamed Sally Ann Slacke Corporate Training Center has provided the community with training programs funded by grants from various state and county agencies. Participants in these programs are not charged tuition, providing they meet specific program eligibility guidelines.

Hundreds of economically disadvantaged adults and youth have received basic skills, vocational training and job internships through these programs. The majority of these students have successfully completed their training, obtained full- or part-time employment, and have become self-sufficient, productive members of the community. Many have gone on to further their education and obtain degrees at SCCC or other two- or four-year institutions. Grant-funded programs have benefited and assisted many diverse populations, such as dislocated workers, high school dropouts, long-term unemployed, veterans, persons with disabilities, women and minorities.

In addition, in an effort to help businesses diversify their markets, the Corporate Training Center has successfully utilized Empire State Development Corporation grants to provide High Performance Workplace Training for a number of formerly defense-dependent firms. This training has enabled companies to compete better in the global market and remain an economic resource for Long Island.

CONTINUING EDUCATION

Suffolk County Community College offers an extensive program of non-credit continuing education courses at each of the campuses and the Sayville center. 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 Microsoft Office, Quickbooks, Photoshop, Floral Design, Stained Glass Crafts, How to Protect Your Savings, SAT Preparation, Driver Education, Stress Management, Medical Billing and Real Estate Sales.

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

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

Community education efforts focus on GED/literacy and workforce development skills programs.

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

Improvement of Academic Skills

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

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

Courses to Aid Vocational Pursuits

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

Health and Wellness Courses

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

Financial Courses

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

Personal Enrichment Courses

Many community residents take advantage of the extensive program of non-credit continuing education personal enrichment courses

offered at each of the campuses. Courses in areas such as photography, gardening, stained glass and foreign language study offer opportunities for exploration and enrichment in diverse areas. Courses are instituted in response to community requests for avocational instruction.

Programs for Special Populations

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

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 pages 65-66 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.



SCCC Alumna Profile

Kathleen Musto, Class of 1992
Attorney

After graduating from high school, Kathleen worked as a secretary on Wall Street, then married and became a mother. After both her children began school, she returned to work as a real estate agent but knew that was not her life-long ambition. The question she asked herself was if she could wake up in the morning and be anything she wanted, what would it be. The answer was always the same: a lawyer. In January 1991, more than twenty years after high school graduation, she decided it was time to pursue her dream and begin her college education.

It took Kathleen just three semesters to complete her associate's degree in liberal arts at SCCC, where her first English professor, Jeffrey Coven, encouraged her to apply to the Honors program. As a result, she graduated in 1992 with 3.9 GPA, an Honors Recognition Diploma, Pi Alpha Sigma Honors designation, and membership in the Phi

Theta Kappa national honor society. She also received several scholarships and was included in *Who's Who in American Junior Colleges*.

"I have a philosophy that if you have a dream, you can make it happen," says Kathleen. "Professor Coven played a big part in making me believe that."

Next it was on to Stony Brook University, where she was a Dean's List student with membership in the Pi Sigma Alpha and Golden Key national honor societies and again maintained a 3.9 GPA. She graduated in 1994 with a bachelor's degree in political science.

By August 1994, Kathleen was enrolled at the Hofstra University School of Law. She graduated with a Juris Doctor degree in 1997 and was admitted to practice in New York State and the Federal Court System.

Kathleen had intended to practice elder law when she graduated, but because of her background in real estate, she found herself receiving job offers in that field. She worked as an attorney for two law firms before opening her own practice in 2000. In her West Islip office, she focuses primarily on general real estate law with a major emphasis on purchase and sale transactions for all types of residential and investment properties, including condominium and cooperative units.

Looking back on her whirlwind education, Kathleen remembers her undergraduate studies as the most enjoyable. She liked the small classes at SCCC, the caring but challenging professors, and the pleasure of learning for its own sake. She now serves as a mentor at Hofstra law school because she knows how important it is for students to have someone who can encourage them when they wonder if achieving their dream is worth all the time, work and sacrifice.



Curricula

TYPES OF DEGREES

Suffolk County Community College offers a variety of two-year curricula leading to the associate's degree, as well as a number of one-year certificate programs. There are three different associate's 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.).

One of the college's A.A. degree curricula, *Liberal Arts and Sciences: General Studies*, is the largest curriculum in terms of the number of students enrolled. For many, it provides an opportunity to design a program of studies which parallels the first two years' courses at the college or university to which they intend to transfer. For others who are undecided about their academic and career goals, the General Studies curriculum provides the flexibility to explore diverse fields of interest in order to help define their educational and career goals. Students may choose to concentrate some of their elective credits in a particular occupational area to facilitate employment after graduation.

Associate in Science (A.S.) Degree

This is a liberal arts and science-based degree for which the objective is preparation for

transfer to a baccalaureate degree program, generally in a professional field of endeavor (i.e., chemistry, engineering, computer science, etc.).

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

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

Some graduates of these programs may also transfer to four-year colleges. For example, through an appropriate choice of elective courses, a student in the A.A.S. degree program in Business Administration may prepare for transfer to a baccalaureate degree program. However, specific course transfers are subject to the discretion of the respective baccalaureate institution.

Certificate Programs

These are designed to provide students with skills that lead to employment after the equivalent of one year of full-time college study. Many of the certificate programs can be used as the first stage in an educational program leading eventually to an associate or baccalaureate degree. Curricula include Administrative Assistant, Computer Information Systems, Horticulture, Drafting, Paralegal Studies and many others. Each program includes some liberal arts courses, but the emphasis is on providing practical knowledge, skills and techniques which can be applied immediately in the work situation.

CORE GENERAL EDUCATION REQUIREMENTS

State University of New York (SUNY)

In December 1998 the State University of New York Board of Trustees established a 30-credit-hour General Education Requirement for all baccalaureate degree candidates at the University's state-operated campuses, to begin with the freshman class entering in fall 2000. This requirement was specifically designed to achieve student learning outcomes in ten knowledge and skill areas, as specified below. Students must take at least one course in each of these areas:

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

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

1. Critical Thinking (Reasoning)
2. Information Management

While the 30-credit-hour requirement strictly applies only to baccalaureate degree candidates, community college graduates who plan to transfer to SUNY four-year institutions are expected to complete a minimum of 21 credits (7 courses) of the SUNY general education course requirements and are strongly advised

to satisfy the full 30-credit requirement prior to transfer.

All A.A. and A.S. degree programs at Suffolk County Community College enable students to satisfy the minimum 21-credit requirement and the great majority of them enable students to complete even more of the specific SUNY general education course requirements. In some of Suffolk's degree programs (i.e., General Studies, Humanities, Women's Studies, Fine Arts, Performing Arts: Music, Performing Arts: Drama, Fitness Specialist, Mathematics and Science), students can, in the course of satisfying their SCCC degree requirements and through the judicious use of electives, simultaneously complete the full 30-credit SUNY general education requirement.

*NOTE: To fulfill the SUNY mathematics general education requirement while studying at SCCC, students must successfully complete MA23, MA27, MA36 or MA61 or higher.

Suffolk County Community College

Students in all degree programs at Suffolk County Community College must, as a condition of graduation, satisfy core general education course requirements.

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

EG11:	Standard Freshman Composition
EG13:	Introduction to Literature
Humanities:	9 credits (only one course may be English)
Social Sciences:	9 credits (must include at least one semester of History: Western Civilization, American History or Non-Western Culture)
Mathematics:	One college-level mathematics course
Science:	One laboratory science course
Physical Education:	2 credits
Freshman Seminar:	1.5 credits

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

EG11:	Standard Freshman Composition
English Elective:	3 credits
Humanities:	3 credits (any humanities course other than English)

Social Sciences:	6 credits
Mathematics/ Science:	Two mathematics and/or laboratory science courses
Physical Education:	2 credits
Freshman Seminar:	1.5 credits

ONLINE PROGRAMS

Online programs provide opportunities for students to complete all course requirements in a distance education modality free of on-campus attendance. Course requirements and course content for online degrees parallel the college's traditional curriculum requirements for campus-based curricula. Students may matriculate into online curricula at any SCCC campus.

Currently, one curriculum is offered entirely online, the Associate of Applied Science degree in Business Administration, which is described on page 99 of this catalog. The college is investigating the possibility of offering additional degree programs online. Contact the Central Admissions Office for further information.

EVENING PROGRAMS

Half the college's student body is comprised of students enrolled in classes scheduled during the late afternoons and evenings, Monday through Friday, and in weekend course offerings. These students differ widely in age and educational goals. Most are part-time students, enrolling for fewer than 12 credits each semester, but some enroll as full-time students carrying 12 or more credits each semester. 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 as well as at several off-campus locations using high school or public library facilities. These courses are identical in content to those offered during the day session. All academic and administrative guidelines and regulations which pertain to full-time students also apply to part-time students. These students have access to the complete classroom, laboratory and library facilities of the campuses and are provided with academic advisement, counseling and other services.

Individuals who plan to work toward a degree or certificate should apply as a full-time or part-time matriculated student through the Admissions Office. For those who are interested in taking credit courses for personal or vocational enrichment and are not pursuing a degree or certificate, the campus Registrar's Office should be contacted. For those who are interested in taking non-credit courses, please see Continuing Education on pages 85-86.

The Programs of Study chart on pages 21-26 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 Instruction on any campus for further information.

SUMMER SESSIONS AND WINTERSESSION

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

A three-week **wintersession** offering only day classes is scheduled each year in late December and January before the spring semester begins. Three credits may be completed during the wintersession.

In addition to the college's own students, the summer sessions and the wintersession are popular with students visiting from other colleges and universities who wish either to make up or accelerate course work in their own programs of study.

DURATION OF STUDY

Students can complete the A.A., A.S. or the A.A.S. degree in two years of successful full-time study, while the certificate programs are designed for one year of full-time study. Students working toward the degree or certificate on a part-time or minimum full-time basis should understand that completion of

the program will take longer. Placement into developmental courses may also extend duration of study.

Increasingly, students find it difficult to compete the programs of study in the suggested time because of family obligations, work hours or other responsibilities. Suffolk understands these circumstances and encourages students to consult with the college's counselors for assistance in determining the optimum course load and time frame for pursuing their program of study.

There is no academic penalty for taking longer than the one or two years outlined in the curricula that follow; in fact, most students do. Some students find that attending the summer sessions and/or the wintersession provides an opportunity to expedite their progress in their program of study.

CURRICULA DESCRIPTIONS AND REQUIREMENTS

At the heading of each curriculum there is an indication of which campus offers the particular curriculum: the Ammerman Campus at Selden, Eastern Campus at Riverhead and Grant Campus at Brentwood.

Curriculum code numbers (which are not Hegis code numbers) are indicated at the right of each heading after the campus designation. For further information regarding any curriculum, students should seek advice from the educational counselors or the Admissions Office on any of the three campuses.

PLEASE NOTE:

1. Scores on placement tests may determine that students need to enroll in one or more of the following non-credit developmental courses, which do not fulfill degree requirements:

ENGLISH

- EG09: Basic English Skills
- EG10: Developmental Writing

MATHEMATICS

MA01: Developmental Mathematics Skills

MA06: Pre-Algebra and Algebra I

MA07: Algebra I

READING

RE09: Introduction to College Reading

RE10: 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:

EF01-02: ESL: College Reading I and II

EF03-04: ESL: Intensive Grammar I and II

EF05-06: ESL: College Listening/Speaking Skills I and II

EF07-08: ESL: College Composition I and II

2. The OS15: Freshman Seminar requirement may also be fulfilled by taking OS20: Personal Growth and College Life; OS43: College Success Seminar; LR11: Research Essentials: The Library and the Internet; LR15: Library Research Methods; WS12: Women's Seminar; BU15: College/Workplace Skills Seminar (for students in accounting, business-related and paralegal curricula) or NR15: Nursing Seminar (only for students in the A.A.S. degree Nursing curriculum).
3. In order to graduate from any curriculum, either degree or certificate, students must attain a minimum cumulative grade point average of 2.0 in their overall course requirements as well as in their major courses. The courses constituting the major in each curriculum are designated with a ♦. Only the Liberal Arts and Sciences: Adolescence Education Emphases, the Liberal Arts and Sciences: Education (Child Study) Emphasis and the Liberal Arts and Sciences: General Studies Emphasis curricula do not designate major courses.

ACCOUNTING/ A.A.S. DEGREE

Hegis Code - 5002

Ammerman - Eastern - Grant / 335-1

This two-year program, leading to the Associate in Applied Science degree, is designed for students who plan to seek accounting positions in business, industry or governmental agencies upon completion of two years of college study. The program also meets the needs of employed individuals desirous of job advancement who wish to learn applications of accounting theory to current practices in the field. Finally, the program offers preparation for possible transfer since most courses are acceptable for credit at four-year colleges.

FIRST SEMESTER: 19.5 credits

Credits

- ♦ BU15: College/Workplace Skills Seminar 1.5
- EG11: Standard Freshman Composition 3
- ♦ BA21: Business Mathematics 3
- ♦ AC11: Principles of Accounting I 4
- EK21: Macroeconomics: The National Economy or EK22: Microeconomics: Prices and Markets 3
- ♦ BA22: Computing for Business or CS11: Introduction to Computing 4
- Physical Education Elective 1

SECOND SEMESTER: 18 credits

- English Elective 3
- ♦ BA11: Introduction to Business 3
- ♦ AC12: Principles of Accounting II 4
- ♦ AC37: Computer Accounting Principles 4
- * Social Sciences Elective 3
- Physical Education Elective 1

THIRD SEMESTER: 16-17 credits

- ♦ AC70: Cost Accounting I 4
- ♦ BL71: Business Law I 3
- ♦ Accounting Elective 3
- ♦ BA25: Business Communications 3
- ** Mathematics Elective 3-4

FOURTH SEMESTER: 15-17 credits

- ♦ AC16: Practical Accounting 3
- ♦ BL72: Business Law II 3
- Mathematics or Science Elective 3-4
- ♦ Accounting Elective 3
- Humanities Elective 3-4

TOTAL CREDITS REQUIRED: 68.5-71.5

* Students considering transfer to a four-year college should complete EK21 and EK22.

** Recommended: MA23.

♦ These courses constitute the major courses in this curriculum.

NOTE: Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.

REQUIRED CREDIT DISTRIBUTION

- Accounting and Business 41.5-45.5 credits
- Computer Science 0-4 credits
- Humanities 9-10 credits
- Social Sciences 6 credits
- Mathematics/Science 6-8 credits
- Physical Education 2 credits

ACCOUNTING / A.S. DEGREE

Hegis Code - 5002

Ammerman - Eastern - Grant / 208-1

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 Mathematics A and B. Students already enrolled in college without high school math need to have completed MA27. Applications are processed on a rolling basis for fall and spring semesters. Most students with minimum admission criteria will be admitted into the program.

Note that students who do not meet the admission criteria may be admitted on a provisional basis.

FIRST YEAR: 36.5-38.5 credits *Credits*

- EG11: Standard Freshman Composition and EG13: Introduction to Literature 6
- ♦ AC11: Principles of Accounting I and AC12: Principles of Accounting II 8
- EK21: Macroeconomics: The National Economy and EK22: Microeconomics: Prices and Markets 6
- ♦ BA11: Introduction to Business 3
- * Mathematics Electives (2 courses) 6-8
- ♦ BA22: Computing for Business or Computer Science (CS) Elective 4
- ♦ BU15: College/Workplace Skills Seminar 1.5
- Physical Education 2

SECOND YEAR: 33-34 credits

- ♦ AC51: Intermediate Accounting I and AC52: Intermediate Accounting II 8
- ♦ BL71: Business Law I and BL72: Business Law II 6
- ♦ Accounting Elective 3-4
- ♦ Business Elective 3
- ** History Elective 3
- Humanities Electives (2 courses) 6
- Laboratory Science Elective 4

TOTAL CREDITS REQUIRED: 69.5-72.5

- * Mathematics courses must be chosen from MA23 and beyond, with the exception of MA27. MA36 and MA64 are recommended.
- ** To be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57, HS90.
- ♦ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.*
 2) *Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.*

REQUIRED CREDIT DISTRIBUTION

- Accounting and Business 32.5-37.5 credits
- Computer Science 0-4 credits
- Humanities 12 credits
- Social Sciences 9 credits
- Mathematics 6-8 credits
- Laboratory Science 4 credits
- Physical Education 2 credits

ACCOUNTING / CERTIFICATE PROGRAM

Hegis Code - 5002

Ammerman - Eastern - Grant / 407-1

This one-year program is designed specifically for individuals who are currently employed and who will enroll as part-time students over a period of at least four semesters. The curriculum includes four standard collegiate accounting courses (AC11, 12, 51 and 52) which must be taken in sequence. Students who wish to continue their studies after completing this program will find that all courses are acceptable toward the A.S. and A.A.S. degrees in accounting.

Since this program is intended for part-time students, it is not displayed in the usual semester pattern. Normally, four to six semesters will be required for completion on a part-time basis.

	<i>Credits</i>
EG11: Standard Freshman Composition . . .	3
♦ AC11: Principles of Accounting I	4
♦ AC12: Principles of Accounting II	4
♦ AC51: Intermediate Accounting I	4
♦ AC52: Intermediate Accounting II	4
♦ BA11: Introduction to Business	3
♦ BL71: Business Law I	3
♦ AC37: Computer Accounting Principles	4
♦ Accounting Elective: AC16 recommended	3
Economics: EK11, EK21 or EK22	3

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

REQUIRED CREDIT DISTRIBUTION

Business	29 credits
English	3 credits
Economics	3 credits

TOTAL CREDITS REQUIRED: 35

AMERICAN SIGN LANGUAGE/A.A.S. DEGREE

Hegis Code - 5599

Ammerman / 341

The particular design of this program allows a concentration in one of two sequences: Interpreter for the Deaf or American Sign Language Studies.

The **Interpreter for the Deaf sequence** is designed to expose students to those interpreting skills necessary to function as an interpreter in a wide range of settings. The academic preparation will provide a foundation for students to sit for certification evaluation conducted by the Registry of Interpreters for the Deaf, the National Association for the Deaf and/or interpreting agencies on Long Island and in New York City.

The **American Sign Language Studies sequence** is designed for individuals who are interested in the fields of deafness, linguistics, or psychology as they relates to deafness, social work and/or special education but who do not want to become interpreters. Graduates will be prepared for transfer to four-year degree programs in deafness rehabilitation, social work, special education and other related areas. Students interested in pursuing New York State certification as a teacher of American Sign Language in public schools are advised to pursue the Interpreter for the Deaf sequence which satisfies the state requirement of 36 credits in ASL.

Students must achieve a minimum passing grade of C in all ASL courses in order to proceed to the next ASL course. Only one repeat will be permitted.

Admission Procedures and Requirements

Interpreter Sequence: To be considered for admission to the Interpreter Sequence, the student must have completed each of the following courses with a grade of B or higher:

- SL10: American Sign Language I (3 credits)
- SL14: American Sign Language II (3 credits)
- SL23: Deaf Culture and Contemporary Issues (3 credits)
- EG11: Standard Freshman Composition (3 credits)

continued on next page

EG33: The Structure of English (3 credits)

Interpreter Sequence students must achieve a minimum grade of B in all SL courses, as well as in EG11 and EG33, in order to be admitted into the program, to remain in the program and to graduate.

American Sign Language Studies Sequence: To be considered for admission to the ASL Studies sequence, the student must achieve a GPA of 2.75 in the following courses with a minimum grade of C in each:

EG11: Standard Freshman Composition (3 credits)

SL10: American Sign Language I (3 credits)

SL23: Deaf Culture and Contemporary Issues (3 credits)

PC11: Introduction to Psychology (3 credits)

Both ASL sequences are restricted programs and admission is highly competitive. Not all applicants meeting the minimum criteria for admission will be accepted.

Applications for the Interpreter for the Deaf sequence are processed for the fall semester only. Preference is given to students who clearly identify which sequence they are applying for (341-1 or 341-2) and who file their application by April 1.

The Interpreter for the Deaf sequence will take 3 to 4 years of full-time study to complete due to the required course sequences and admission policy.

SL10, SL14, SL20, SL22, SL23 and SL24 are open to non-program students who have completed the appropriate prerequisites.

**Interpreter for the Deaf Sequence
Ammerman / 341-1**

FIRST SEMESTER: 13.5 credits

	<i>Lec.</i>	<i>Lab.</i>	<i>Cr.</i>
OS15: Freshman Seminar	1.5	-	1.5
♦ SL10: American Sign Language I . . . . .	.3	-	3
♦ SL23: Deaf Culture and Contemporary Issues . . . . .	.3	-	3
EG11: Standard Freshman Composition . . . . .	.3	-	3
Humanities Elective . . . . .	.3	-	3

SECOND SEMESTER: 13 credits

♦ SL14: American Sign Language II . . . . .	.3	-	3
HC44: Group Dynamics . . . . .	.3	-	3
EG33: The Structure of English . . . . .	.3	-	3
PC11: Introduction to Psychology . . . . .	.3	-	3
Physical Education . . . . .	.1	-	1

THIRD SEMESTER: 13 credits

♦ SL20: American Sign Language III . . . . .	.3	3	4
♦ SL24: Fingerspelling . . . . .	.2	-	2
♦ SL26: Introduction to Principles of Interpreting and Transliterating . . . . .	.3	-	3
BY14: Principles of Biology . . . . .	.3	2	4

FOURTH SEMESTER: 14 credits

♦ SL22: American Sign Language IV . . . . .	.3	3	4
♦ SL28: Comparative Linguistics: ASL and English . . . . .	.3	-	3
♦ SL32: Sign-to-Voice Interpreting . . . . .	.2	4	3
PC60: Developmental Psychology . . . . .	.3	-	3
Physical Education . . . . .	.1	-	1

FIFTH SEMESTER: 12-13 credits

♦ SL34: Voice-to-Sign Interpreting . . . . .	.2	4	3
♦ SL38: Technical Sign Language . . . . .	.3	-	3
CO11: Introduction to Human Communication . . . . .	.3	-	3
Mathematics/Science Elective . . . . .	.3-4	-	3-4

SIXTH SEMESTER: 5 credits

*♦ SL43: Sign Language Interpreter Seminar and Fieldwork2	12	5
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TOTAL CREDITS REQUIRED: 70.5-71.5

* Although the SL43 Seminar is held in the evening, students are assigned to and must be available for their field placements during the day (7:00 a.m.-4:00 p.m.). Placement is contingent upon site availability and screening processes. Students may be required to travel outside their local area. Those interning in K-12 settings must attend a minimum of four consecutive days and maintain a consistent interpreting schedule (12 hours weekly).

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

English	6 credits
Sign Language	39 credits
Social Sciences	6 credits
Mathematics/Science	7-8 credits
Health Concepts	3 credits
Humanities	6 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

American Sign Language Studies Sequence Ammerman / 341-2

FIRST SEMESTER: 14.5 credits			
	<i>Lec.</i>	<i>Lab.</i>	<i>Cr.</i>
OS15: Freshman Seminar	1.5	-	1.5
EG11: Standard Freshman Composition	3	-	3
♦ SL10: American Sign Language I	3	-	3
♦ SL23: Deaf Culture and Contemporary Issues	3	-	3
PC11: Introduction to Psychology	3	-	3
Physical Education	-	2	1
SECOND SEMESTER: 15 credits			
EG33: The Structure of English	3	-	3
♦ SL14: American Sign Language II	3	-	3
PC60: Developmental Psychology	3	-	3
HC44: Group Dynamics	3	-	3
Humanities Elective	3	-	3

THIRD SEMESTER: 16 credits

♦ SL20: American Sign Language III	3	3	4
♦ SL24: Fingerspelling	2	-	2
Social Sciences Elective	3	-	3
BY14: Principles of Biology	3	2	4
PC63: The Exceptional Child	3	-	3

FOURTH SEMESTER: 17-18 credits

♦ SL22: American Sign Language IV	3	3	4
♦ SL28: Comparative Linguistics: ASL and English	3	-	3
Unrestricted Elective	3	-	3
Mathematics/Science Elective	3-4	-	3-4
HC11 or other Health Elective	3	-	3
Physical Education	-	2	1

TOTAL CREDITS REQUIRED: 62.5-63.5

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

REQUIRED CREDIT DISTRIBUTION

English	6 credits
Sign Language	22 credits
Social Sciences	12 credits
Mathematics/Science	7-8 credits
Health Concepts	6 credits
Humanities	3 credits
Unrestricted Elective	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

AUTOMOTIVE SERVICE SPECIALIST / A.A.S. DEGREE

Hegis Code - 5306
Ammerman / 369

The Automotive Service Specialist Program is designed to prepare automotive technicians for responsible positions in either General Motors Dealerships for the GM ASEP program (369-1) or in independent shops for the ATAC program (369-2). The ASEP Automotive Program is certified by the National Automotive Technical Education Foundation (NATEF).

Admission Procedures and Requirements

This program begins only in the fall and is competitive. All applicants must take the SCCC placement tests (CPTs) unless approved for a waiver by the Academic Chair for Automotive Technology. Students accepted into the program must be full-time status only. All required courses must be taken in the sequence listed below. Entering students must have completed Mathematics A in high school; students already enrolled in college must have completed MA07 or its equivalent.

FIRST SEMESTER: 18.5 credits

	<i>Lec.</i>	<i>Lab</i>	<i>Cr.</i>
♦ AT12: Integrated Automotive Systems	2	2	3
♦ AT14: Starting and Charging Systems	2	2	3
♦ AT16: Specialized Electronics	2	2	3
♦ AT18: Computer Systems and Fuel Delivery	2	2	3
♦ AT20: Practicum I	-	-	1
MA27: Algebra II	4	0	4
OS15: Freshman Seminar	1.5	-	1.5

SECOND SEMESTER: 17 credits

♦ AT22: Automotive Heating and Air Conditioning	2	2	3
♦ AT24: Electronic Devices and Processors	2	2	3
♦ AT26: Fuel Injection and Emission Systems	2	2	3
♦ AT30: Practicum II	-	-	1
PH15: Automotive Physics	3	3	4
EG11: Standard Freshman Composition	3	-	3

THIRD SEMESTER: 16 credits

♦ AT32: Alignment, Steering and Suspension Systems	2	2	3
♦ AT34: Engine Theory and Overhaul	2	2	3
♦ AT36: Automotive Service Productivity and Efficiency	3	-	3
♦ AT40: Practicum III	-	-	1
EK11: Current Economic Issues	3	-	3
Social Sciences Elective	3	-	3

FOURTH SEMESTER: 16 credits

♦ AT38: Body Computers and Advanced Systems Diagnosis	2	2	3
♦ AT42: Transmission and Drive Systems	2	2	3
♦ AT46: Automotive Dealership Structure and Functions	3	-	3
♦ AT50: Practicum IV	-	-	1
* English Elective	3	-	3
** Business Elective	3	-	3

TOTAL CREDITS REQUIRED: 67.5

* Recommended: EG21.

** Recommended: Business Management (BA) course.

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Automotive Service	43 credits
English	6 credits
Social Sciences	6 credits
Mathematics	4 credits
Physics	4 credits
Business	3 credits
Freshman Seminar	1.5 credits

BUSINESS ADMINISTRATION / A.A.S. DEGREE

Hegis Code - 5004

Ammerman - Eastern - Grant / 315-1

Online Degree Program / 315-9

This two-year career program is intended primarily for those students who intend to seek employment directly after its completion. The curriculum provides essential knowledge and skills in the financial, management and marketing facets of business, as well as in the supporting areas of communications and mathematics. Students can pursue their interest in one of seven specialized areas of business (human resources management, management technology, marketing, entrepreneurship, international business, business law and economics) through their choice of business electives.

The curriculum is adaptable to many four-year college degree programs in business, and graduates will find reasonable transfer opportunities available to them should they desire to continue in a baccalaureate degree program. The entire curriculum can be completed online.

FIRST SEMESTER: 17.5 credits

	<i>Credits</i>
EG11: Standard Freshman Composition	3
♦ AC11: Principles of Accounting I	4
♦ BA11: Introduction to Business	3
* Communications Elective	3
** BL70: Law for Business	
or BL71: Business Law I	3
♦ BU15: College/Workplace Skills Seminar	1.5

SECOND SEMESTER: 17-18 credits

*** English Elective	3
♦ AC12: Principles of Accounting II	
or AC15: Managerial Accounting	3-4
♦ BA51: Management Principles and Practices	
or BA29: Supervision: Concepts and Practices	3
♦ BD57: Marketing	3
† BA22: Computing for Business	4
◇ Physical Education	1

THIRD SEMESTER: 16 credits

‡ Humanities Elective	3
♦ Business Elective (BA62, BA53 or BA55)	3
EK22: Microeconomics: Prices and Markets	3
♦ BA25: Business Communications	3
MA23: Statistics I	3
◇ Physical Education	1

FOURTH SEMESTER: 15-16 credits

§ Social Sciences Elective	3
△ Mathematics/Laboratory Science Elective	3-4
♦ BU80: Cooperative Education in Business	
or BA70: Issues in Contemporary Business	3
¥♦ Business Electives (2 courses)	6

TOTAL CREDITS REQUIRED: 65.5-68.5

- * To be selected from CO11, CO12, CO15, CO21 or CO27 (CO21 not yet available online).
- ** Credit will be given for BL70 or the BL71 and BL72 sequence, but not both.
- *** Recommended: EG13, EG21 or EG33.

† When BA22 is not available on a particular campus, students at that campus may select any CS course they qualify for in place of it.

‡ Recommended: PL11, PL14, PL23, PL25, foreign language or any 3-credit VA, MU or TH course.

§ Students planning to transfer to a SUNY four-year institution are advised to take HS11, HS12, HS33 or HS34.

△ If Math elective is chosen, must be MA24 or higher.

◇ Students enrolled in the online degree program may substitute a 3-credit course, HC11: Health Concepts, for the two semesters of Physical Education (total of 2 credits). Students choosing HC11 should enroll in the course during the third semester.

¥ In selecting business electives (i.e., any AC, BA, BD, BL, BU or 3-credit OT course), students are advised to choose any two courses from one of the sequences below:

1. Human Resources Management: BA55, BA56, BA57, BA58
2. Management Technology: BA12, BA21, BA52, BA65
3. Marketing: BD58, BD59, BD63, BD65, BD70, BD73, BD79, BD80
4. Entrepreneurship: BA53, BA54, BA59, AC19
5. International Business: BA62, BA63, BD80
6. Business Law: BL40, BL41, BL72
7. Economics: EK21 recommended for those planning on transferring to a four-year institution; plus, any one of the above courses

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Business and Accounting	36.5-40.5 credits
Humanities	12 credits
Social Sciences	6-9 credits
Mathematics/Science	6-7 credits
Physical Education	2 credits
or Health (online curriculum only)	3 credits

BUSINESS ADMINISTRATION / A.S. DEGREE

Hegis Code - 5004

Ammerman - Eastern - Grant / 207-1

This two-year program is designed for students interested in business careers who plan to continue their studies toward a baccalaureate degree in business at a four-year college or university after completing their associate degree. The program offers a challenging and well-balanced distribution of business and liberal arts courses, specifically selected to meet the requirements of transfer institutions.

Students who plan to enter employment immediately after graduation (rather than transfer) are advised to select the A.A.S. program in Business Administration, which allows a greater range of courses in applied business areas.

Admission Procedures and Requirements

Admission to the A.S. curriculum in Business Administration for entering students requires a minimum 80 average in high school and three years of mathematics (including Mathematics A and B). Applicants desiring this degree who do not have the above qualifications or who are transferring from a different degree program must receive permission from the Business Administration Department or an appropriate business administrator. Students who do not meet the admission criteria may be admitted on a provisional basis.

Students already enrolled in college must have completed MA27. Applications are processed on a rolling basis fall and spring, with most students meeting minimum standards being admitted.

FIRST YEAR: 35.5 credits

Credits

- ◆ BU15: College/Workplace Skills Seminar 1.5
- ◆ AC11 and AC12: Principles of Accounting I and II 8
- EG11 and EG13: Standard Freshman Composition and Introduction to Literature 6
- EK21: Macroeconomics: The National Economy and EK22: Microeconomics: Prices and Markets 6
- CO11: Introduction to Human Communication or C015: Public Speaking 3
- MA36: Finite Mathematics 3
- *◆ Business Elective 3
- ** History Elective 3
- Physical Education 2

SECOND YEAR: 34-35 credits

- ◆ BA22: Computing for Business or CS11: Introduction to Computing 4
- ◆ BA51: Management Principles and Practices 3
- ◆ BD57: Marketing 3
- ◆ BL71: Business Law I 3
- ◆ BA68: Case Studies in Business Administration 1
- *◆ Business Elective 3
- *** Social Sciences Elective 3
- † Humanities Elective 3
- ‡ Mathematics or Laboratory Science Elective 3-4
- MA64: Calculus for Non-Science Majors or MA87: Calculus with Analytic Geometry I 4
- Laboratory Science Elective 4

TOTAL CREDITS REQUIRED: 69.5-70.5

* To be selected from BA11, BA25, BA55, BA56, BA58, BA62, BL72, AC51, AC52, AC84.

** To be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57, HS90. Strongly recommended: HS11 or HS12.

*** To be selected from SO11, PC11, HS11, HS12, HS33, HS34, PO20, PO25, AN11, EK55. *Students planning to transfer to a SUNY four-year institution are strongly advised to use their social sciences elective to select a course in either American History, Western Civilization or other world civilizations.*

† To be selected from PL11, PL15, PL23, PL25, EG35, any EG literature course, C015, C021, foreign languages, VA11, VA12, VA17, VA18, MU11, MU16, MU17, TH11, TH21. *Students planning to transfer to a SUNY four-year institution are strongly advised to use their humanities elective to select a course in either foreign language or the arts.*

‡ If math elective is chosen, it must be MA23, MA24 or any MA course above MA36. Most students should select MA61 as their mathematics/science elective, as it is the prerequisite for MA64, unless a high school equivalent to MA61 was taken.

◆ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for detailed information on selection of elective courses.* 2) *Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.*

REQUIRED CREDIT DISTRIBUTION	
Business and Accounting	25.5-29.5 credits
Computer Science	0-4 credits
Humanities	12 credits

Social Sciences	12 credits
Mathematics/Laboratory Science	14-15 credits
Physical Education	2 credits

BUSINESS: INFORMATION PROCESSING / CERTIFICATE PROGRAM

Hegis Code - 5005

Ammerman - Eastern - Grant / 418-1

This curriculum will provide students with the diversified skills necessary for success in the changing office. It stresses increased keyboarding and language skills, introduction of information processing concepts, training in the operation of information processing equipment, and orientation to the techniques of management and supervision for information processing centers.

REQUIRED COURSES

Credits

♦ BU15: College/Workplace Skills Seminar	1.5
EG11: Standard Freshman Composition . . .	.3
EG33: The Structure of English . . . . .	.3
♦ IP12: Word . . . . .	.4
♦ CS11: Introduction to Computing . . . . .	.4
*♦ OT29: Keyboarding and Document Preparation II . . . . .	.3
♦ CS22: Spreadsheets for Windows . . . . .	.3
**♦ Business Elective . . . . .	.3
CO11: Introduction to Human Communication or	
♦ BA25: Business Communications . . . . .	.3
♦ BA29: Supervision: Concepts and Practices .	.3
***♦ Business Elective . . . . .	.3

TOTAL CREDITS REQUIRED: 33.5

* According to placement.

** Any BA or BD course.

*** Recommended electives: BA42 or BU80.

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Business	13.5-16.5 credits
Information Processing/Computer Science	11 credits
Humanities	6-9 credits

BUSINESS MANAGEMENT / CERTIFICATE PROGRAM

Hegis Code - 5004

Ammerman - Eastern - Grant / 410-1

This program is designed primarily for the individual who currently holds a middle management position in business and who has had little or no college-level education in related subject areas. The program is also useful to those individuals who aspire to managerial positions and wish to acquire some of the essential qualifications through formal study.

REQUIRED COURSES

	<i>Credits</i>
♦ BU15: College/Workplace Skills Seminar	1.5
EG11: Standard Freshman Composition . . . . .	.3
♦ BA11: Introduction to Business . . . . .	.3
♦ BA21: Business Mathematics . . . . .	.3
♦ AC11: Principles of Accounting I . . . . .	.4
CO11: Introduction to Human Communication . . . . .	.3
EK11: Current Economic Issues . . . . .	.3
♦ BD57: Marketing . . . . .	.3

♦ BA53: Entrepreneurship . . . . .	.3
♦ BA56: Human Resources Management . . . . .	.3
♦ BA29: Supervision: Concepts and Practices . . . . .	.3

TOTAL CREDITS REQUIRED: 32.5

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

REQUIRED CREDIT DISTRIBUTION

Business and Accounting	23.5 credits
Humanities	6 credits
Economics	3 credits

BUSINESS: MARKETING / A.A.S. DEGREE

102

Hegis Code - 5004

Grant / 319-1

The marketing curriculum is planned to prepare students for entry-level employment in marketing-related, promotional and distributive activities. Specialized market research, advertising and salesmanship courses are supplemented by liberal arts and general education courses carefully selected for their applicability to the field of marketing.

FIRST YEAR: 36.5-37.5 credits

	<i>Credits</i>
♦ BU15: College/Workplace Skills Seminar	1.5
EG11: Standard Freshman Composition . . . . .	.3
EG35: Advanced Expository Writing . . . . .	.3
♦ AC11: Principles of Accounting I . . . . .	.4
♦ AC12: Principles of Accounting II or AC15: Managerial Accounting	3-4
♦ BL71 and BL72: Business Law I and II . . . . .	.6
EK21: Macroeconomics: The National Economy and EK22: Microeconomics: Prices and Markets . . . . .	.6
♦ BA11: Introduction to Business . . . . .	.3
♦ BA51: Management Principles and Practices . . . . .	.3
♦ BD57: Marketing . . . . .	.3
Physical Education . . . . .	.1

CS Elective	3-4
* Social Sciences Elective (see recommended listing below) . . . . .	.3
**♦ Elective (see recommended listing below) . . . . .	.3
Physical Education . . . . .	.1

TOTAL CREDITS REQUIRED: 70.5-72.5

Recommended Electives:

- * Social Sciences: SO11, PC11, PC66, AN11, HS34
- ** Humanities: CO11, CO12, C015, C027, EG33, EG37, EG55, MU11, PL11, PL14, PL17, VA12
- **♦ Business: BD63, BA53, BA62, AC15, BD59
- ♦ These courses constitute the major courses in this curriculum.

NOTE: Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.

REQUIRED CREDIT DISTRIBUTION

Business and Accounting	38.5-42.5 credits
Computer Science	3-4 credits
Humanities	9-12 credits
Social Sciences	9 credits
Mathematics	6 credits
Physical Education	2 credits

BUSINESS: OFFICE MANAGEMENT / A.A.S. DEGREE

Hegis Code - 5004

Ammerman - Eastern - Grant / 343-1

This program is designed for students who wish to prepare for careers in office management. Students will study the most modern office technologies, as well as the traditional and necessary basic office skills. Management and other business-related courses are complemented by a strong liberal arts component to prepare students for positions of a managerial or supervisory nature. Although the program is career-oriented, it provides a sound basis for transfer; students should consult with the transfer institution since transfer credit is determined by the four-year college.

FIRST YEAR: 35.5 credits

Credits

- ♦ BU15: College/Workplace Skills Seminar 1.5
- EG11: Standard Freshman Composition . . . 3
- EG35: Advanced Expository Writing or EG33: The Structure of English. 3
- ♦ AC11: Principles of Accounting I. 4
- CO11: Introduction to Human Communication 3
- ♦ BA22: Computing for Business or CS11: Introduction to Computing 4
- ♦ Business Electives (2 courses). 6
- Economics Elective (choice of EK11, EK21, EK22). 3
- Physical Education. 2
- *♦ OT25: Keyboarding and Document Preparation I. 3
- *♦ OT29: Keyboarding and Document Preparation II 3

SECOND YEAR: 31-32 credits

- ♦ IP12: Word 4
- PC11: Introduction to Psychology 3
- ♦ BA55: Organizational Behavior 3
- ♦ BL71: Business Law I. 3
- ♦ BA29: Supervision: Concepts and Practices. . 3
- ♦ BA52: Office Management 3
- SO11: Introduction to Sociology 3
- MA23: Statistics I 3
- ♦ BA25: Business Communications 3
- ** Mathematics/Science Elective. 3-4

TOTAL CREDITS REQUIRED: 66.5-67.5

NOTE: *Not all upper-level courses are currently offered at the Eastern Campus. Eastern Campus business students may be required to complete some courses at the Ammerman Campus.*

- * Students must have a keyboarding competency level of OT29; a three-credit elective may be substituted for OT25.
- ** Mathematics/Science course must be chosen from any natural science or any math beyond MA23.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Business and Accounting	36.5 credits
Computer Science	4 credits
Humanities	9 credits
Social Sciences	9 credits
Mathematics/Science	6-7 credits
Physical Education	2 credits

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

Hegis Code - 5004
Ammerman / 318-1

This area of business is designed for those who wish to enter the field of retailing. Graduates can pursue positions such as sales executives, department heads, managers, buyers and others.

Graduates may transfer to a four-year institution to pursue the baccalaureate degree in business administration or may enter the business world directly upon graduation. The program also serves the needs of people presently in business who wish to engage in continued study.

FIRST SEMESTER: 16.5 credits	Credits
♦ BU15: College/Workplace Skills Seminar	1.5
EG11: Standard Freshman Composition	3
♦ AC11: Principles of Accounting I	4
♦ BA11: Introduction to Business	3
♦ BD63: Retail Principles	3
* OT24: Basic Keyboarding	1
Physical Education	1

SECOND SEMESTER: 16-17 credits	Credits
English Elective	3
♦ BA21: Business Mathematics or Accounting Elective	3-4
♦ BA22: Computing for Business	4
♦ BD64: Retail Buying and Merchandising	3
Communications Elective	3

THIRD SEMESTER: 16-17 credits	Credits
♦ BD68: Retail Operations and Management	3
♦ BD73: Principles of Sales	3
**♦ BL70: Law for Business or BL71: Business Law I	3
Social Sciences Elective	3
Science or Mathematics Elective	3-4
Physical Education	1

FOURTH SEMESTER: 15-17 credits	Credits
♦ BD69: Contemporary Issues in Retail Management	3
♦ Business Unrestricted Elective (any AC, BA, BD, BF, BL, CS, OT or IP course of at least three credits)	3-4
♦ BD70: Advertising	3
Economics Elective	3
Science or Mathematics Elective	3-4

TOTAL CREDITS REQUIRED: 63.5-67.5

* Students are advised to develop basic keyboarding/data entry skills of 20 wpm. Students can accomplish this by taking OT24 or by taking an OT24 Challenge Exam. For successful completion of the course or passing the test, students will receive 1 credit.

** Credit will be given for BL70 or the BL71 and BL72 sequence, but not both.

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION	
Business and Accounting	40.5-42.5 credits
Humanities	9 credits
Social Sciences	6 credits
Mathematics/Science	6-8 credits
Physical Education	2 credits

BUSINESS: RETAIL BUSINESS MANAGEMENT / CERTIFICATE PROGRAM

Hegis Code - 5004 Ammerman / 435-1

This certificate program is designed for those seeking a position in the field of retailing, as well as those currently employed in a retailing capacity who may need to acquire specific retailing background and skills.

The certificate concept allows the student to accomplish this goal in the shortest passage of time, while providing the student with employable skills.

FIRST SEMESTER: 16.5 credits

- | | <i>Credits</i> |
|--|----------------|
| ♦ BU15: College/Workplace Skills Seminar | 1.5 |
| EG11: Standard Freshman Composition | 3 |
| ♦ BA11: Introduction to Business | 3 |
| ♦ BA21: Business Mathematics | 3 |
| ♦ BD63: Retail Principles | 3 |
| ♦ BD73: Principles of Sales | 3 |

TOTAL CREDITS REQUIRED: 32.5-33.5

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

REQUIRED CREDIT DISTRIBUTION

- | | |
|---------------------------|-------------------|
| Business | 26.5-27.5 credits |
| Humanities | 3 credits |
| Social Sciences | 3 credits |

SECOND SEMESTER: 16-17 credits

- | | |
|--|-----|
| Economics Elective | 3 |
| ♦ BA22: Computing for Business | 4 |
| ♦ BD64: Retail Buying and Merchandising | 3 |
| ♦ Business Unrestricted Elective
(any AC, BA, BD, BF, BL, CS, OT or
IP course of at least three credits) | 3-4 |
| ♦ BD70: Advertising | 3 |

CHEMICAL DEPENDENCY COUNSELING / A.A.S. DEGREE

Hegis Code - 5506 Grant / 388-1

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). In addition to this degree, the individual must complete a work requirement before applying to sit for the credentialing examination.

Students who have either a two-year degree, bachelor's or master's degree from an accredited college will only be required to complete the Chemical Dependency (CD) courses. Upon completion of the Chemical Dependency courses, students are eligible to apply for the Credentialed Alcoholism Substance Abuse Counselor-Trainee (CASAC-T).

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

A letter certifying successful completion of CDC courses is available from the program coordinator for students who do not wish to complete an A.A.S. degree.

Students considering transfer to four-year institutions should consult with those colleges since transfer credit is determined by the four-year college.

Admission Procedures and Requirements

It is the expectation of this program that all students will respect the unique character of the counseling relationship and as such will reflect seriously upon the way abuse of alcohol and mood-altering drugs would likely affect the quality of professional services offered to chemically dependent clients. Prospective students who have an addiction should achieve at least two years of recovery before being admitted to the CDC program. Professional standards of conduct and adherence to the ethical principles outlined by OASAS will be required of all admitted students for continuance in this program.

Applicants are required to meet with the program coordinator prior to admission to the program. Applicants may request provisional admission to the CDC program prior to the admission interview.

continued on next page

Students are admitted fall and spring on a rolling basis. Most students with minimum credentials are accepted. It is recommended that students apply by January 1.

FIRST SEMESTER: 16.5 credits Credits

- EG11: Standard Freshman Composition3
- PC11: Introduction to Psychology3
- ♦ CD11: Chemical Dependency in American Society3
- HC44: Group Dynamics3
- MA23: Statistics I3
- OS15: Freshman Seminar1.5

SECOND SEMESTER: 18 credits

- * English Elective3
- PC60: Developmental Psychology or PC80: Abnormal Psychology3
- SO11: Introduction to Sociology3
- † CD15: Dynamics of Addiction3
- ♦ CD20: Chemically Dependent Family Systems3
- ** Communications Elective3

THIRD SEMESTER: 17 credits

- SO33: Marriage and the Family3
- ♦ CD25: Criminal Justice System and Chemical Dependency3
- ♦ CD30: Professional Documentation: Data Collection, Assessment, Treatment Planning3
- ♦ CD35: Techniques for Counseling the Chemically Dependent Client3
- ‡ Laboratory Science Elective4
- Physical Education1

FOURTH SEMESTER: 17 credits

- ♦ CD40: Chemical Dependency Education and Prevention3
- ♦ CD46: Advanced Techniques for Counseling the Chemically Dependent Client3
- ♦ CD50: Habilitation and Rehabilitation of the Chemically Dependent Client3
- ♦ CD55: Field Practicum or CD56: Cooperative Education in Chemical Dependency Counseling7
- Physical Education1

TOTAL CREDITS REQUIRED: 68.5

SEQUENCE OF COURSES: The above model is a two-year course schedule for students meeting all the program requirements and deciding to pursue full-time study. Those students requiring preparatory courses or those deciding to pursue part-time study should consult their faculty advisor for an appropriate sequence of courses. See suggested part-time sequence below.

Suggested Part-time Sequence - Day or Evening (four years)

FIRST SEMESTER: 6 credits Credits

- ♦ CD11: Chemical Dependency in American Society3
- EG11: Standard Freshman Composition3

SECOND SEMESTER: 9 credits

- †♦ CD15: Dynamics of Addiction3

- ♦ CD20: Chemically Dependent Family Systems3
- PC11: Introduction to Psychology3

THIRD SEMESTER: 9 credits

- ♦ CD25: Criminal Justice System and Chemical Dependency3
- HC44: Group Dynamics3
- MA23: Statistics I3

FOURTH SEMESTER: 9 credits

- ♦ CD40: Chemical Dependency Education and Prevention3
- SO11: Introduction to Sociology3
- ** Communications Elective3

FIFTH SEMESTER: 9 credits

- ♦ CD30: Professional Documentation: Data Collection, Assessment, Treatment Planning3
- PC60: Developmental Psychology or PC80: Abnormal Psychology3
- SO33: Marriage and the Family3

SIXTH SEMESTER: 7 credits

- ♦ CD50: Habilitation and Rehabilitation of the Chemically Dependent Client3
- ‡ Laboratory Science Elective4

SEVENTH SEMESTER: 6 credits

- ♦ CD35: Techniques for Counseling the Chemically Dependent Client3
- * English Elective3

EIGHTH SEMESTER: 10 credits

- ♦ CD46: Advanced Techniques for Counseling the Chemically Dependent Client3
- ♦ CD55: Field Practicum
- ♦ or CD56: Cooperative Education in Chemical Dependency Counseling7

TOTAL CREDITS REQUIRED: 65

- * EG35 is recommended.
- ** CO11, CO12, CO15 or CO23 are highly recommended.
- † Part-time students should take CD15 after CD11.
- ‡ Must be taken from biology or chemistry.
- ♦ These courses constitute the major courses in this curriculum.

NOTES: 1) CD11 is prerequisite to all CD courses. 2) Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.

REQUIRED CREDIT DISTRIBUTION

Chemical Dependency Counseling	34 credits
Health Careers	3 credits
Social Sciences	12 credits
Mathematics/Science	7 credits
English	6 credits
Communications	3 credits
Freshman Seminar (full-time only)	1.5 credits
Physical Education (full-time only)	2 credits

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

Hegis Code - 5008 Ammerman / 111-1

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 publications.

The curriculum emphasizes a core of journalism courses with a background of liberal arts courses designed for transfer. The student will be trained in the basic principles and practices of journalism and will be given an opportunity to write for and participate in the production of the student newspaper.

The program contains a selection of liberal arts courses – social science, humanities, math and science – to gain a wide range of knowledge useful in writing for newspapers and magazines. The program contains the opportunity for practical journalistic experience, preparing students for eventual employment on newspapers, magazines or in public relation agencies.

The journalism curriculum gives students a basic background in the field in preparation for selecting journalism as a major at a four-year college or university. Students should check with the coordinator of the CMA-Journalism program for transfer information, articulation agreements with four-year colleges, and information about employment opportunities in the field.

FIRST SEMESTER: 17.5 credits Credits

OS15: Freshman Seminar	1.5
♦ EG11: Standard Freshman Composition	3
*♦ EG25: Introduction to Journalism	3
♦ EG55: Mass Media	3
HS11: Western Civilization I or ID11: Civilization: The Human Experience I	3
CO11: Introduction to Human Communication or CO15: Public Speaking	3
Physical Education	1

SECOND SEMESTER: 16-17 credits

♦ EG13: Introduction to Literature	3
**♦ EG26: Intermediate News and Feature Writing	3
SO11: Introduction to Sociology	3
† Mathematics Elective	3-4
HS12: Western Civilization II or ID12: Civilization: The Human Experience II	3
Physical Education	1

THIRD SEMESTER: 16 credits

‡♦ EG28: Magazine Writing and Public Relations	3
♦ EG30: Contemporary Non-Fiction Journalism	3
♦ EG31: Journalism Practicum	3
RT11: Introduction to Broadcasting or RT12: Issues in Broadcasting	3
Laboratory Science Elective	4

FOURTH SEMESTER: 15 credits

**♦ EG29: Investigative Reporting	3
BD70: Advertising	3
◇ Social Sciences Elective	3
§ Humanities Elective	3
Unrestricted Elective	3

TOTAL CREDITS REQUIRED: 64.5-65.5

* EG11 is a corequisite of EG25 and should be taken at the same time.

** EG26 and EG29 are offered only in the spring semester.

† Students may choose any college-level math course they are qualified to take. MA21, MA22 and MA23 are recommended.

‡ EG28 is offered only in the fall semester.

◇ To be selected from the following courses: AN11, AN20, AN21, AN31, AN50, AN55, GY15, GY16, GY17, HS51, HS57, HS90, PO40.

§ Any humanities course other than English.

♦ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.*
2) *Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.*

REQUIRED CREDIT DISTRIBUTION

English	9 credits
Journalism (English)	18 credits
Humanities	6 credits
Social Sciences	12 credits
Mathematics/Science	7-8 credits
Business	3 credits
Radio and Television Production	3 credits
Unrestricted	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

COMPUTER ART / A.A.S. DEGREE

Hegis Code - 5012
Eastern / 364-1

Recent and rapid advances in computing have broadly expanded the opportunities for image-making in the visual arts. The Computer Art curriculum builds upon traditional studio skills developed in foundation drawing and design courses and branches into electronically based media such as drawing, 3D modeling, animation, digital characters, digital video, and multimedia production. This curriculum prepares students for careers in computer-generated image-making art, information and entertainment fields, as well as for transfer into baccalaureate computer-based visual arts programs.

FIRST SEMESTER: 17.5 credits *Credits*

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
♦ CA84: Introduction to Computer Art	3
♦ VA30: 2D Design	3
♦ GR31: Introduction to Computer-based Design	3
♦ VA33: Drawing I	3
Physical Education	1

SECOND SEMESTER: 16-17 credits

EG13: Introduction to Literature	3
Mathematics Elective	3-4
♦ CA22: Electronic Illustration	3
♦ CA44 Color Theory and Electronic Application	2
CS12: Introduction to Programming Using Visual Basic	4
Physical Education	1

THIRD SEMESTER: 18 credits

♦ VA18: Art History II or VA19: Modern Art	3
♦ VA34: Drawing II	3
♦ CA45: Digital Character Development	3
♦ CA60: 3D Modeling and Design	3
* CO11: Introduction to Human Communications or CO15: Public Speaking or HM51: Developing Creative Imagination in the Arts	3
History Elective	3

FOURTH SEMESTER: 17 credits

♦ VA35: Life Drawing I	3
Social Sciences Elective	3
Laboratory Science Elective	4
♦ CA46: Computer Game Development	3
♦ CA61: Intermediate 3D Modeling and Design	3
♦ CA80: Computer Art Portfolio Assessment	1

TOTAL CREDITS REQUIRED: 68.5-69.5

- * CO11 or CO15 is recommended for students transferring to a four-year institution.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Computer Art	21 credits
Graphic Design/Visual Arts	18 credits
Humanities	9 credits
Computer Science	4 credits
Social Sciences	6 credits
Mathematics/Science	7-8 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

COMPUTER SCIENCE / A.S. DEGREE

Hegis Code - 5101
Ammerman / 203-1

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, Mathematics A and B or equivalent and two years of high school science or college equivalents. Students already enrolled in college must have completed MA61 or equivalent with a C or higher and have an overall grade point average of at least 2.5. Students are admitted on a rolling basis, fall and spring. Note that students who do not meet the minimum admissions criteria may be admitted on a provisional basis.

NOTES: (1) *Students planning on transferring to SUNY at Stony Brook for computer science must apply for joint admission prior to the completion of 24 college credits. Contact the Admissions Office for an application.* (2) *Constant technological changes require curricula updates that may not appear in the catalog. Please refer to the college Web site for the most recent information.*

FIRST SEMESTER: 16.5 credits	Credits	
OS15: Freshman Seminar	1.5	* To be selected from HS11, HS12, HS33, HS34, HS51, HS57, HS90.
EG11: Standard Freshman Composition	3	** MA89 strongly recommended.
♦ CS12: Introduction to Programming Using Visual Basic.	4	† At least one humanities elective must be chosen from either the arts (visual arts, music, theatre) or foreign language. Students planning to transfer to a SUNY four-year institution are advised to select a course in both areas.
MA87: Calculus with Analytic Geometry I	4	‡ Recommended: PH71/72 and PH73/74.
† Humanities Elective.	3	§ Students planning to transfer to a SUNY four-year institution are strongly advised to choose as their social sciences elective either American history (if they have already taken Western civilization) or non-Western culture. The American history requirement can be met by HS33 or HS34 or PO25; the non-Western culture requirement can be met by AN11, AN20, AN31, AN50, AN55, GY15, GY16, GY17, HS51, HS57, HS90 or PO40.
Physical Education.	1	♦ These courses constitute the major courses in this curriculum.
SECOND SEMESTER: 18 credits		
EG13: Introduction to Literature	3	NOTE: <i>Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.</i>
♦ CS16: Principles of Computing Using Java I	4	
♦ CS17: Computer Organization and Assembly Language Programming	4	
* History Elective	3	
MA88: Calculus with Analytic Geometry II.	4	
THIRD SEMESTER: 17 credits		
♦ CS18: Computer Architecture	4	
♦ CS26: Advanced Programming and Problem Solving with Java.	4	
‡ Laboratory Science Elective	4	
MA92: Discrete Mathematics	4	
Physical Education.	1	
FOURTH SEMESTER: 18 credits		
♦ CS60: Data Structures	4	
** Mathematics or ♦ Computer Science/Information Technology Restricted Elective	4	
§ Social Sciences Elective	3	
‡ Laboratory Science Elective	4	
† Humanities Elective.	3	
TOTAL CREDITS REQUIRED	69.5	

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

Hegis Code - 5304
Ammerman / 334-1

This career program is designed for students interested in training for technician-level positions with architecture, construction and engineering firms. The program places emphasis on architecture and structures to prepare students for positions such as architectural drafters, estimators, energy auditors, materials testers and construction supervisors.

The curriculum is also adaptable for transfer to many four-year colleges offering a B.S. in Architectural Technology or Construction Engineering Technology. Potential transfer students should consult with the department to decide their selection of courses.

Admission Procedures and Requirements

This program is offered as a four-semester sequence starting every fall; however, by consulting with the department, students can be admitted for the spring semester into a track consisting of five or more semesters.

Students not qualifying for MA61 may be admitted to the program while taking MA27; however, they must complete MA61 and MA62 to continue and graduate. Students not qualified for MA27 may enroll for an extra semester of developmental mathematics along with DR11, DR14 and other introductory courses.

FIRST SEMESTER (fall): 18.5 credits**

	<i>Lec.</i>	<i>Lab.</i>	<i>Cr.</i>
OS15: Freshman Seminar	1.5	-	1.5
♦ CT10: Surveying I	2	3	3
♦ CT14: Construction Methods	3	-	3
MA61: Fundamentals of Precalculus I	4	-	4
♦ DR11: Mechanical Drafting	2	3	3
♦ DR14: AutoCad I	2	3	3
Physical Education	-	2	1

SECOND SEMESTER (spring): 19 credits

EG11: Standard Freshman Composition	3	-	3
♦ CT22: Site Planning	2	3	3
♦ CT66: Statics	3	-	3
MA62: Fundamentals of Precalculus II	4	-	4
♦ DR17: Architectural Drafting: Residential	2	3	3
♦ DR51: Introduction to 3D Modeling, Rendering and Animation	2	3	3

THIRD SEMESTER (fall): 17 credits

♦ CT33: Strength of Materials	2	3	3
♦ CT38: Construction Estimating	2	2	3
♦ CT39: Construction Scheduling	3	-	3
♦ DR18: Architectural Drafting: Presentations	2	3	3
PH53: College Physics I	3	3	4
Physical Education	-	2	1

FOURTH SEMESTER (spring): 18 credits

* Humanities Elective	3	-	3
Social Sciences Elective	3	-	3
English Elective	3	-	3
♦ CT43: Codes and Contracts	3	-	3
♦ CT46: Structural Steel and Reinforced Concrete Design	2	2	3
♦ DR19: Architectural Drafting: Structural	2	3	3

TOTAL CREDITS REQUIRED: 72.5

* Students intending to pursue a 4- or 5-year bachelor's degree in architecture or architectural technology are advised to select VA33 or VA60 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.

NOTE: Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.

REQUIRED CREDIT DISTRIBUTION

Technology	45 credits
English	6 credits
Humanities	3 credits
Social Sciences	3 credits
Mathematics	8 credits
Physics	4 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

CRIMINAL JUSTICE / A.S. DEGREE

Hegis Code - 5505

Ammerman - Eastern - Grant / 211-1

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

Admission Procedures and Requirements

Entering students must have a minimum high school average of 75. Students already enrolled in college must have completed 12 credits with a 2.5 GPA, including a minimum grade of C+ in EG 11 and CJ11. Students are admitted on a rolling basis with most students meeting minimum standards being accepted.

FIRST SEMESTER: 17.5-18.5 credits *Credits*

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
♦ CJ11: Introduction to Criminal Justice	3
♦ CJ31: Substantive Criminal Law	3
CS11: Introduction to Computing	4
* Mathematics Elective.	3-4

SECOND SEMESTER: 17 credits

EG13: Introduction to Literature	3
♦ CJ15: Policing: An Introduction to Law Enforcement	3
♦ CJ35: Evidence and Procedural Law	3
PC11: Introduction to Psychology	3
Laboratory Science Elective	4
Physical Education.	1

THIRD SEMESTER: 16 credits

SO11: Introduction to Sociology	3
CO12: Interpersonal Communication	3
♦ CJ41: Introduction to Corrections	3
♦ Criminal Justice Elective	3
Humanities Elective.	3
Physical Education.	1

FOURTH SEMESTER: 16 credits

♦ Criminal Justice Elective	3
♦ Criminal Justice Elective	3
♦ CJ99: Criminal Justice Capstone Course.	1
** Restricted Elective	3
HS34: Modern American History or HS33: Foundations of American History.	3
PO20: State and Local Politics and Government or PO25: American National Politics and Government	3

TOTAL CREDITS: 66.5-67.5

* MA23 strongly recommended.

** This elective should have a global perspective or focus on non-Western cultures. The course should be selected from the following: AN11, AN20, AN21, AN31, AN55, GY15, GY16, GY17, HS51, HS57, HS90, PO40, EG60 or PL18.

♦ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.* 2) *Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.*

REQUIRED CREDIT DISTRIBUTION

Criminal Justice	24 credits
English	6 credits
Social Sciences	12 credits
Mathematics.	3-4 credits
Science.	4 credits
Humanities.	3 credits
Computer Information Systems/ Computer Science	3-4 credits
Communications.	3 credits
Restricted Electives	3 credits

CRIMINAL JUSTICE: POLICE ADMINISTRATION/ CERTIFICATE PROGRAM

Suffolk County Police Academy at
Suffolk County Community College

Hegis Code - 5505

Grant / 431-1

This certificate program is OPEN ONLY TO TRAINEES OF THE SUFFOLK COUNTY POLICE ACADEMY AT SUFFOLK COUNTY COMMUNITY COLLEGE. The college will award college credit based on the State University of New York Guide to Educational Programs in Non-Collegiate Organizations for work undertaken at the academy. Upon completion, students will receive a Police Administration Certificate and may opt to continue their education by enrolling in the A.S. degree program in Criminal Justice.

REQUIRED COURSES: 35.5 credits *Credits*

- OS15: Freshman Seminar 1.5
- EG11: Standard Freshman Composition 3
- ♦ PD11: The Administration of
Criminal Justice 3
- ♦ PD13: Physical Education and
Defensive Tactics 3
- ♦ PD15: Patrol Functions and Procedures 3
- ♦ PD21: Criminal Investigations 3
- ♦ PD22: First Aid–CPR 3
- ♦ PD31: Criminal Law and Procedure 6
- ♦ PD55: Community Relations for Police. 3
- ♦ PD91: Criminal Justice Internship 6
- OT24: Basic Keyboarding 1
- ♦ These courses constitute the major courses in
this curriculum.

REQUIRED CREDIT DISTRIBUTION:

- English 3 credits
- Police Administration. 30 credits
- Office Technologies. 1 credit
- Freshman Seminar 1.5 credits

NEEDED TO COMPLETE A.S. degree

(curriculum code 211-2):

34-36 credits

- EG13: Introduction to Literature. 3
- CO12: Interpersonal Communication 3
- Humanities Elective 3
- PC11: Introduction to Psychology 3
- SO11: Introduction to Sociology 3
- HS34: Modern American History
or HS33: Foundations of American
History 3
- PO20: State and Local Politics and Government
or PO25: American National Politics and
Government 3
- Restricted Elective (should have a global
perspective or focus on non-Western
cultures, to be selected from AN11,
AN20, AN21, AN31, AN55, GY15, GY16,
GY17, HS51, HS57, HS90, PO40, EG60
or PL18) 3
- Mathematics Elective 3-4
- Laboratory Science Elective. 4
- CS11: Introduction to Computing 4

35.5 credits completed at the academy

35-36 credits completed at the college

TOTAL CREDITS: 70.5-71-5

CULINARY ARTS / A.A.S. DEGREE*

Hegis Code - 5404 Eastern / 394-1

The Culinary Arts degree is designed for students with a career interest in both culinary and food service management. The program is divided among career-specific courses, business courses and liberal arts courses.

The food service profession is an exciting and demanding one, from intimate fine-dining restaurants and quick-service chain restaurants to institutional and worldwide food service corporations. This curriculum will prepare students to enter this workforce or continue their education by transferring to bachelor's degree programs.

Students will receive specialized instruction in baking and pastry arts along with intensive introduction to international cuisine. To supplement their skill development, students will participate in a 200-hour internship program.

FIRST SEMESTER: 16.5 credits *Credits*

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
* CU11: Sanitation	3
♦ CU14: Culinary Arts I	5
AC11: Principles of Accounting I	4

SECOND SEMESTER: 16-17 credits

EG13: Introduction to Literature	3
**♦ CU12: Hospitality Cost Controls	4
♦ CU13: Wine and Beverage Management	3
Mathematics Elective	3-4
PC11: Introduction to Psychology	3

SUMMER SEMESTER: 4 credits

***♦ CU29: Internship/Co-op	4
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THIRD SEMESTER: 18 credits

♦ CU15: Baking and Pastry Arts I	4
♦ CU16: Dining Room Management	3
CH19: General Chemistry	4
BA29: Supervision: Concepts and Practices	3
Foreign Language	3
Physical Education	1

FOURTH SEMESTER: 15 credits

Social Sciences Elective	3
♦ CU23: Hospitality Marketing	3
† Baking and Pastry Arts Special Projects	
♦CU18: Cake Decorating	0.5
♦CU19: Chocolate and Pulled Sugar Artistry	0.5
♦CU20: Specialty Bread Making	0.5
♦CU21 Desserts for Presentation	0.5
‡ Culinary Arts Special Projects	
♦CU24: American Regional Cuisine Artistry	1
♦CU25: Savory French Cuisine	1
♦CU26: Exotic Asian Cuisine	1
♦CU27: Mediterranean Cuisine	1
§♦ CU30: Culinary Arts Seminar	2
Physical Education	1

TOTAL CREDITS: 69.5-70.5

* CU11: Sanitation is a prerequisite or corequisite for all baking and cooking courses.

** Prerequisite: AC11.

*** Prerequisites: CU11, CU12, CU13 and CU14.

† Prerequisite: CU15.

‡ Prerequisite: CU14.

§ Prerequisites: CU12, CU13, CU14, CU15 and CU16.

♦ These courses constitute the major courses in this curriculum.

NOTE: Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.

REQUIRED CREDIT DISTRIBUTION

Culinary Arts	36 credits
English/Humanities	9 credits
Business	7 credits
Mathematics/Science	7-8 credits
Social Sciences	6 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

* A proposal for revising this curriculum is currently under consideration. Before enrolling in this curriculum, please consult the academic chair, academic dean or a counselor on the Eastern Campus.

DIETETIC TECHNICIAN / A.A.S. DEGREE

Hegis Code - 5404
Eastern / 320-1

This curriculum is accredited by the Commission on Accreditation/Approval for Dietetics Education (CAADE) of the American Dietetic Association. CAADE is a specialized accrediting body recognized by the Commission on Recognition of Postsecondary Accreditation and the U.S. Department of Education. 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 FM courses in sequence and must earn a grade of C or better in each FM course. Those who intend to transfer to a four-year college should seek advisement from the program director. All students, both full- and part-time, are required to purchase accident insurance and professional liability insurance under the college's policy.

FIRST SEMESTER: 16.5 credits	Lec.	Lab.	Field Clinical		Cr.
			Work Per Week	Hrs Per Week	
OS15: Freshman Seminar	1.5	-	-	-	1.5
EG11: Standard Freshman Composition	3	-	-	-	3
♦ FM20: Introduction to Nutrition	3	4	-	-	4
♦ FM22: Nutrition Education for Dietetic Practitioners.	3	-	-	-	3
BY17: Survey of the Human Body	3	2	-	-	4
Physical Education	-	2	-	-	1

SECOND SEMESTER: 18-19 credits	Lec.	Lab.	Field Work Per Week	Clinical Hrs Per Week	Cr.
English Elective	3	-	-	-	3
♦ FM24: Introduction to Clinical Nutrition	3	-	-	6	5
♦ FM26: Nutrition through the Life Cycle.	3	-	-	-	3
CH19: General Chemistry	3	3	-	-	4
MA23: Statistics I.	3	-	-	-	3
or					
MA27: Algebra II.	4	-	-	-	4

THIRD SEMESTER: 17 credits	Lec.	Lab.	Field Work Per Week	Clinical Hrs Per Week	Cr.
♦ FM28: Introduction to Food Service	3	-	-	-	3
♦ FM40: Advanced Clinical Nutrition	3	-	12	12	7
BA29: Supervision: Concepts and Practices	3	-	-	-	3
PC11: Introduction to Psychology.	3	-	-	-	3
Physical Education	-	2	-	-	1

FOURTH SEMESTER: 16 credits	Lec.	Lab.	Field Work Per Week	Clinical Hrs Per Week	Cr.
♦ FM30: Dietetics Seminar	2	-	-	-	2
♦ FM42: Food Service Management	3	-	-	-	3
♦ FM43: Food Service Management Fieldwork.	1	-	12	-	5
Humanities Elective	3	-	-	-	3
SO11: Introduction to Sociology	3	-	-	-	3
TOTAL CREDITS REQUIRED					67.5-68.5

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION	Credits
Nutrition/Dietetics	35 credits
English	6 credits
Mathematics/Science	11-12 credits
Business	3 credits
Social Sciences	6 credits
Humanities	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

DRAFTING (COMPUTER-ASSISTED) / CERTIFICATE PROGRAM

**Hegis Code - 5303
Ammerman / 402-1**

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 MA27 may be admitted to the program while taking developmental mathematics.

FIRST SEMESTER (fall)*: 17.5 credits

	<i>Lec.</i>	<i>Lab.</i>	<i>Cr.</i>
OS15: Freshman Seminar	1.5	-	1.5
EG11: Standard Freshman Composition . . . . .	.3	-	.3
♦ DR11: Mechanical Drafting . . . . .	.2	.3	.3
♦ DR14: AutoCAD I . . . . .	.2	.3	.3
MA27: Algebra II . . . . .	.4	-	.4
Social Sciences Elective . . . . .	.3	-	.3

* Students who matriculate in January may require more than two semesters to complete the program.

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Technology	21 credits
English	3 credits
Social Sciences	3 credits
Mathematics	4 credits
Freshman Seminar	1.5 credits

SECOND SEMESTER (spring): 15 credits

♦ DR17: Architectural Drafting: Residential . . . . .	.2	.3	.3
♦ DR18: Architectural Drafting: Presentations . . . . .	.2	.3	.3
♦ DR19: Architectural Drafting: Structural . . . . .	.2	.3	.3
♦ DR20: AutoCAD II . . . . .	.2	.3	.3
♦ DR51: Introduction to 3D Modeling, Rendering and Animation . . . . .	.2	.3	.3

TOTAL CREDITS REQUIRED: 32.5

EARLY CHILDHOOD EDUCATION / A.A.S. DEGREE

Hegis Code - 5503

Ammerman - Eastern - Grant / 330-1

This curriculum is designed for people who are now working or wish to work with young children. Graduates will be qualified for positions as directors, head teachers or assistants in day care centers, nursery schools and Head Start programs. Graduates are also qualified to be assistants in public and private pre-kindergartens, kindergartens, elementary schools and special education classes. Students who wish to transfer to a four-year college to pursue their New York State teacher certification should be able to transfer most liberal arts credits and some early childhood credits depending on the transfer institution. Students are responsible for checking with transfer institutions of their choice to assure the most successful transfer. Classroom instruction is supplemented by observations and practicums in programs serving young children.

The Early Childhood Education program offers courses both day and evening. Students should check both day and evening schedules at each campus for courses offered each semester.

Students who have enrolled as Early Childhood Education majors must achieve a minimum grade of C in each Early Childhood Education course in order to continue in the Early Childhood Education program and to qualify for graduation. Students will be permitted to repeat a course only once.

Admission Procedures and Requirements

ED11, ED22 and ED23 are open to all students and can be taken as electives. Students enrolled in ED11 during the spring must also take ED22 (in place of HC11 if they attend full-time) or they will not be able to complete the Early Childhood Education sequence within the specified time.

Admission to the program is limited to the number of field placements available. Practicum courses require that students travel to a wide variety of early childhood programs throughout Suffolk County. Students cannot be employed by the program at which they are placed and must be available during the day.

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FIRST SEMESTER: 17.5 credits

	Lec.	Lab	Cr.
OS15: Freshman Seminar	1.5	-	1.5
EG 11: Standard Freshman Composition	3	-	3
*♦ ED11: Foundations of Early Childhood Education	3	-	3
PC11: Introduction to Psychology	3	-	3
CO11: Introduction to Human Communication or CO15: Public Speaking	3	-	3
** HC11: Health Concepts or HC22: Safety, First Aid and CPR	3	-	3
Physical Education	-	2	1

SECOND SEMESTER: 16 credits

English Elective	3	-	3
*♦ ED22: Early Childhood Activities	3	-	3
PC64: Child and Adolescent Psychology	3	-	3
♦ ED25: Creative Activities: Art . . .	3	-	3
SO11: Introduction to Sociology	3	-	3
Physical Education	-	2	1

THIRD SEMESTER: 15-16 credits

***♦ ED33: Instructing the Young Child.	2	3	3
♦ ED35: Creative Activities: Music	3	-	3
HC44: Group Dynamics	3	-	3
Science or Mathematics Elective	3-4	0-3	3-4
† Elective (1 course)	3	-	3

FOURTH SEMESTER: 16-17 credits

***♦ ED44: The Child and His/Her World.	2	6	4
♦ ED45: Creative Activities: Literature	3	-	3
SO33: Marriage and the Family . . .	3	-	3
Science or Mathematics Elective	3-4	0-3	3-4
† Elective (1 course)	3	-	3

TOTAL CREDITS REQUIRED: 64.5-66.5

- * Students in the Liberal Arts and Sciences: General Studies Curriculum may use these courses as unrestricted electives.
- ** HC11 should be taken by students intending to transfer.
- *** Concurrent enrollment in or completion of ED25, ED35 or ED45 is recommended.
- † Students intending to work in day care centers or child care facilities should take ED23: Infants and Toddlers: Programs and Care, and PC63: The Exceptional Child as their unrestricted electives. Interested students will be placed in appropriate programs to fulfill field work requirements. Transfer students seeking New York State certification should speak with their advisor about appropriate electives.
- ◆ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Early Childhood Education	22 credits
English	6 credits
Social Sciences	12 credits
Communications	3 credits
Health Careers	6 credits
Mathematics/Science	6-8 credits
Unrestricted Electives	6 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits



SCCC Alumnus Profile

Darren O'Hare, Class of 2001
Actor

Darren O'Hare's entry into the acting profession is a story in itself. Born and raised in Stony Brook, he joined the army immediately after graduating from Ward Melville High School. There he quickly excelled as an intelligence analyst and was recruited by the Department of Defense as a counter-intelligence agent on a joint task force, a job that required some acting.

When Darren returned home, he continued to serve in the army reserve and began working at his local church, where he volunteered as a counselor and led youth mission trips around the United States and to Germany and India. His exposure to acting in the military, coupled with his experiences abroad, led him to co-author a two-man show based on the New Testament book of Luke, which he toured throughout the country.

In 1997 Darren decided it was time to continue his education and enrolled at SCCC. He began his studies in Business Administration but midway through found his interest in acting rekindled. Rather than lose the credits he had already earned, he doubled his major and graduated in 2001 with a second associate's degree in Theatre Arts.

"Suffolk's Theatre Arts Department created an excellent environment for me to grow," says Darren, who appeared in SCCC student productions ranging from Neil Simon to Shakespeare. "Besides learning all the basics of acting, the faculty taught me respect for acting and helped me build a strong foundation for a career. Their training, support and encouragement have helped to get where I am today."

Darren knew he wanted to pursue a career in film and television so shortly after graduating from Suffolk he "packed up his truck and drove across country to Los Angeles." A member of the Screen Actors Guild (SAG), he recently played supporting roles in the CBS television series *The Unit*, directed by David Mamet, and *Close to Home*, and in the Fox series *24* and *Skin*. He also appeared as the lead in the 2002 film *Moratorium* and has been seen in television commercials.

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

Hegis Code - 5310 Ammerman / 301-1

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 Mathematics A and B in high school and qualify for MA61; students who enter at the MA27 level can start in the program but must complete the MA61 and MA62 sequence to graduate.

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FIRST SEMESTER: 18.5 credits

	Lec.	Lab.	Cr.
OS15: Freshman Seminar	1.5	-	1.5
EG11: Standard Freshman Composition3	-	3
♦ TE12: Electricity I . . . . .	.3	2	4
♦ TE13: Digital Electronics I . . . . .	.3	2	4
♦ TE15: Technical Problem Solving	-	2	1
* MA61: Fundamentals of Precalculus I . . . . .	.4	-	4
Physical Education Elective	-	2	1

SECOND SEMESTER: 18 credits

♦ TE21: Electronic Applications of Mathematics . . . . .	.2	-	1
♦ TE22: Electronics I . . . . .	.3	2	4
♦ TE24: Electricity II . . . . .	.3	2	4
♦ TE27: Electrical Construction	-	2	1
♦ TE28: Digital Electronics II . . . . .	.2	2	3
* MA62: Fundamentals of Precalculus II . . . . .	.4	-	4
Physical Education Elective	-	2	1

THIRD SEMESTER: 17 credits

♦ TE31: Electricity III . . . . .	.4	-	4
♦ TE36: Electronics III . . . . .	.2	2	3
♦ TE38: Digital Electronics III . . . . .	.2	2	3
* PH53: College Physics I . . . . .	.3	2	4
CO11: Introduction to Human Communication . . . . .	.3	-	3

FOURTH SEMESTER: 19 credits

** English Elective . . . . .	.3	-	3
Social Sciences Elective . . . . .	.3	-	3
♦ TE41: Analogue Communications	2	2	3
♦ TE42: Data Communications . . . . .	.2	2	3
♦ TE43: Advanced Electronics . . . . .	.2	2	3
♦ TE51: CISCO Computer Networking I . . . . .	.3	3	4

TOTAL CREDITS REQUIRED: 72.5

* Students intending to transfer to baccalaureate programs are advised to take MA87 and possibly PH54 before transferring. Transfer students should check with the department for advisement.

** Recommended: EG21.

♦ These courses constitute the major courses in this curriculum.

NOTE: Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.

REQUIRED CREDIT DISTRIBUTION

Electrical Technology	44 credits
Mathematics/Science	12 credits
English	6 credits
Humanities	3 credits
Social Science	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

ENGINEERING SCIENCE / A.S. DEGREE

Hegis Code - 5609 Ammerman / 201-1

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 MA62. Students are admitted on a rolling basis, fall and spring; however, students admitted in January should be aware that elective courses may be offered only once a year. Most students who meet minimum standards are accepted. Students who do not meet the admission criteria may be admitted on a provisional basis.

Those accepted into this program may be eligible for a full two-year scholarship. For more information contact the department or go to <http://www.sunysuffolk.edu/Web/csems>.

	Lab./					
	Lec.	Rec.	Cr.			
FIRST SEMESTER: 18.5 credits				FOURTH SEMESTER: 17 credits		
OS15: Freshman Seminar	1.5	-	1.5	♦ EN41: Electronics Lab	-	5 2
EG11: Standard Freshman Composition . . . . .	.3	-	3	♦ EN42: Electronic Circuit Design . . . . .	.4	- 4
MA87: Calculus with Analytic Geometry I . . . . .	.5	-	4	♦ EN43: Random Signals and Systems . . . . .	.3	- 3
CH33: College Chemistry I . . . . .	.3	4	4	MA89: Calculus with Analytic Geometry III . . . . .	.4	- 4
♦ EN12: Introduction to Electronic Design . . . . .	.1	2	2	PH75: Physics III . . . . .	.2	2 3
* History Elective . . . . .	.3	-	3	PH76: Physics III Lab	-	2 1
Physical Education	-	2	1	TOTAL CREDITS REQUIRED: 72.5		
SECOND SEMESTER: 18 credits				* To be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57, HS90.		
EG13: Introduction to Literature . . . . .	.3	-	3	♦ These courses constitute the major courses in this curriculum.		
MA88: Calculus with Analytic Geometry II . . . . .	.5	-	4	NOTES: 1) <i>Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses. 2) Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.</i>		
CH34: College Chemistry II . . . . .	.3	4	4	REQUIRED CREDIT DISTRIBUTION		
PH71: Physics I . . . . .	.2	2	3	Engineering	25	credits
PH72: Physics I Lab	-	2	1	English	6	credits
♦ EN17: Engineering Computations . . . . .	.3	-	3	History	3	credits
THIRD SEMESTER: 19 credits				Mathematics	16	credits
♦ EN31: Digital Systems . . . . .	.3	2	4	Chemistry	8	credits
♦ EN32: Deterministic Signals and Systems . . . . .	.3	-	3	Physics	12	credits
♦ EN33: Electrical Engineering Circuit Analysis . . . . .	.3	3	4	Freshman Seminar	1.5	credits
MA90: Differential Equations . . . . .	.4	-	4	Physical Education	1	credit
PH73: Physics II . . . . .	.2	2	3			
PH74: Physics II Lab	-	2	1			

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

Hegis Code - 5507

Ammerman

A.A.S. Degree / 302-1

Certificate in Fire Investigation / 401-1

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 (**curriculum code 401-1**). 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 FS24 and FS72, any fire science course can be taken in any semester. The following is an example of a course sequence but is not a required sequence. Students should consult the department for guidance.

FIRST SEMESTER: 15-16 credits

Credits

- ♦ FS11: Introduction to Fire Protection3
- ♦ FS13: Hazardous Materials I3
- EG11: Standard Freshman Composition . . .3
- SO11: Introduction to Sociology3
- Mathematics Elective3-4

SECOND SEMESTER: 16 credits

- ♦ FS24: Hazardous Materials II3
- ♦ FS31: Building Construction and Facilities3
- ♦ FS40: Fire Protection Hydraulics3
- CH19: General Chemistry4
- Humanities Elective3

THIRD SEMESTER: 15-16 credits

- ♦ FS48: Fire Service Management and Leadership3
- ♦ FS49: Strategies and Tactics3
- ♦ FS71: Industrial Safety Engineering I3
- English Elective3
- Unrestricted Elective3-4

FOURTH SEMESTER: 16 credits

- ♦ FS50: Arson and Fire Investigation3
- ♦ FS72: Industrial Safety Engineering II3
- HC28: Crash Victim Extrication3
- * Political Science Elective3
- Laboratory Science Elective4

TOTAL CREDITS REQUIRED: 62-64

- * Recommended: PO20: State and Local Politics and Government.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

- Fire Science30 credits
- English6 credits
- Social Sciences6 credits
- Mathematics/Science11-12 credits
- Humanities3 credits
- Health Careers3 credits
- Unrestricted Elective3-4 credits

FITNESS SPECIALIST / A.S. DEGREE

Hegis Code - 5299.30

Ammerman / 210-1

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 physical education, exercise physiology (science), sport medicine, athletic training, sport management, cardiac rehabilitation and other health-related fields. Students considering transfer to a baccalaureate degree program should consult with the program coordinator and the intended transfer institution to ensure a successful transition. 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.
- sit for the American College of Sports Medicine, Health/Fitness Instructor Certification Exam.

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 and are offered primarily in the day schedule with an increasing number of evening offerings. All students are encouraged to discuss course selections with the program coordinator.

Admission Procedures and Requirements

Students are admitted on a space-available basis in consultation with the Admissions Office. It is suggested that application be made in a timely manner. To be considered for admission, entering students must have completed high school biology (Regents) and Mathematics A. High school chemistry is strongly recommended. Those who do not fulfill this chemistry requirement should consult the program coordinator for an alternative course selection. Strong communication skills and an interview through the Admissions Office are required. Spring semester applicants are accepted on a seat-available basis. They should have successfully completed BY30: Anatomy and Physiology I. All interested students should consult the program coordinator.

FIRST SEMESTER: 15.5 credits	<i>Lec.</i>	<i>Lab.</i>	<i>Cr.</i>	THIRD SEMESTER: 16-17 credits				
OS15: Freshman Seminar	1.5	-	1.5	♦ PF16: Exercise Leadership and Concepts of Muscle Conditioning . . . . .	.1	2	2
EG11: Standard Freshman Composition . . . . .	.3	-	3	♦ PF20: Fitness Assessment and Screening . . . . .	.1	2	2
BY30: Anatomy and Physiology I . . . . .	.3	3	4	♦ PF23: Kinesiology . . . . .	.3	-	3
CO11: Introduction to Human Communication . . . . .	.3	-	3	** Social Sciences Elective . . . . .	.3	-	3
♦ PF12: Nutrition and Human Performance . . . . .	.3	-	3	** Mathematics Elective	3-4	-	3-4
* Physical Education	-	2	1	** Humanities Elective . . . . .	.3	-	3
SECOND SEMESTER: 16 credits				FOURTH SEMESTER: 18-19 credits				
EG13: Introduction to Literature . . . . .	.3	-	3	♦ PF25: Injury Prevention and Management . . . . .	.3	-	3
HC22: Safety, First Aid and CPR . . . . .	.3	-	3	♦ PF32: Overview of Fitness and Facility Management . . . . .	.3	-	3
BY32: Anatomy and Physiology II . . . . .	.3	3	4	♦ PF40: Fieldwork in Fitness . . . . .	.1	8	3
♦ PF15: Exercise Leadership and Concepts of Aerobic Conditioning . . . . .	.1	2	2	** Liberal Arts and Sciences Elective . . . . .	.3	0-3	3-4
PC11: Introduction to Psychology . . . . .	.3	-	3	** Unrestricted Elective . . . . .	.3	-	3
* Physical Education	-	2	1	*** History Elective . . . . .	.3	-	3
TOTAL CREDITS REQUIRED: 65.5-67.5								

continued on next page

- * PE courses to be selected from PE13: Weight Training, PE15: Hiking Long Island Trails, PE19: Fitness Walking, PE21: Jogging & Fitness, PE25: Indoor Rock Climbing, PE44: Body Toning, PE47: Yoga, PE51: Backpacking, PE60: Aerobics, PE62: Step Aerobics, PE63: Cardio-Kickboxing, PE72: Total Fitness, PE73: Fitness Adventure Tour, or in consultation with the program coordinator.
- ** To be selected in consultation with program coordinator.
- *** To be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57, HS90. Consult with program coordinator.
- ◆ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.* 2) *Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.*

REQUIRED CREDIT DISTRIBUTION

Fitness Specialist	21 credits
English	6 credits
Humanities	6 credits
Social Sciences	9 credits
Mathematics/Science	11-12 credits
Liberal Arts and Sciences	3-4 credits
Health Careers	3 credits
Unrestricted Elective	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

GRAPHIC DESIGN / A.A.S. DEGREE

Hegis Code - 5012 Eastern / 365-1

The Graphic Design curriculum links an intensive design program with courses in the liberal arts to prepare students for positions in the field of graphic design. A graphic designer is a problem solver who integrates typography and images to create a visual communication in such areas as advertising, editorial, corporate and publication design. Although career preparation is an important goal of this program, the solid foundation in graphic design it provides can be transferred to many four-year colleges.

The four-semester sequence starting every fall requires that acceptance into the graphic design curriculum is for FALL admission only. However, students may consult with the department for spring courses, but will be on a track consisting of five or more semesters due to core courses' prerequisites. Also, the department recommends that students consider completing liberal arts requirements in summer session and wintersession to lighten their semester credit load.

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

FIRST SEMESTER: 17.5-18.5 credits *Credits*

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
♦ VA30: 2D Design	3
♦ GR24: Basic Graphic Design	3
♦ GR31: Introduction to Computer-based Design	3
Math Elective	3-4
Physical Education	1

SECOND SEMESTER: 18 credits

♦ CA22: Electronic Illustration	3
♦ CA84: Introduction to Computer Art	3
EG13: Introduction to Literature	3
♦ VA33: Drawing I	3
♦ GR20: History of Graphic Design	3
♦ GR25: Typographic Design	3

THIRD SEMESTER: 16 credits

* CO11: Introduction to Human Communications or CO15: Public Speaking or HM51: Developing Creative Imagination in the Arts	3
♦ GR26: Publication Design	3
♦ GR28: Web Media Design	3
PC11: Introduction to Psychology	3
♦ VA91: Introduction to Silver-based Photography	3
Physical Education	1

FOURTH SEMESTER: 17 credits

Laboratory Science Elective	4
♦ VA34: Drawing II or VA35: Life Drawing I	3
♦ GR27: Communication Design	3
♦ GR29: Web Media Production	3
♦ GR36: Graphic Design Portfolio Assessment	1
Social Sciences Elective	3

TOTAL CREDITS REQUIRED: 68.5-69.5

- * CO11 or CO15 is recommended for students transferring to a four-year institution.
- ♦ These courses constitute the major courses in this curriculum.

NOTE: Consult the *Unified Transfer Programs chart* on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.

REQUIRED CREDIT DISTRIBUTION

Graphic Design	25 credits
Visual Arts	12 credits
Computer Art	6 credits
Humanities	9 credits
Social Sciences	6 credits
Mathematics/Science	7-8 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

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

Hegis Code - 5213
Grant / 349-1

This program will educate persons for employment in the health information/medical records field. The 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 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 two semesters of fieldwork. Students will gain an understanding of the increased computerization of medical records and how this knowledge will prepare them for crucial leadership roles in health data and health information resources management. Students will be prepared for roles in data analyst, medical records coder, reimbursement, performance improvement and supervision.

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 are permitted to repeat only one Health Information Technology (HI) course.

Admission Procedures and Requirements

Entering students must have successfully completed high school Mathematics A, chemistry with laboratory, and have a high school average of 80 or better. Students already enrolled in college must have MA07 and CH19 or their equivalents, and must be eligible to take EG11. Students may be provisionally accepted, pending successful completion of MA07 and CH19 or their equivalents. It is recommended that students apply by January 1.

FIRST SEMESTER: 10 credits *Credits*

- ♦ HI14: Introduction to Health Information . . .3
- BY30: Anatomy and Physiology I4
- MD11: Medical Terminology3

SECOND SEMESTER: 11 credits

- ♦ HI16: Health Information: Data Content and Structure3
- BY32: Anatomy and Physiology II4
- CS11: Introduction to Computing4

SUMMER SESSION: 6 credits

- EG11: Standard Freshman Composition . . .3
- Social Sciences Elective3

THIRD SEMESTER : 9 credits

- ♦ HI18: Legal Aspects of Health Information3
- ♦ HI20: Study of Disease3
- MA23: Statistics I3

FOURTH SEMESTER: 8 credits

- ♦ HI25: Health Information Statistics3
- ♦ HI27: Directed Clinical Practice I2
- ♦ HI35: Coding and Classification Systems3

SUMMER SESSION: 3 credits

- PC11: Introduction to Psychology3

* A proposal for revising this curriculum is currently under consideration. Before enrolling in this curriculum, please consult the academic chair, academic dean or a counselor on the Grant Campus.

FIFTH SEMESTER : 9 credits	
♦ HI22: Quality Improvement	3
♦ HI36: Advanced Coding/CPT4 and Reimbursement Methodologies	3
English Elective	3
SIXTH SEMESTER: 8 credits	
♦ HI37: Directed Clinical Practice II	2
♦ HI39: Health Information Management and Supervision	3
Humanities Elective	3
TOTAL CREDITS REQUIRED: 64	

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION	
Health Information Technology	31 credits
English	6 credits
Humanities	3 credits
Science	8 credits
Mathematics	3 credits
Social Sciences	6 credits
Computer Information Systems	4 credits
Medical Assisting	3 credits

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

Hegis Code – 5317
Grant / 395-1

The Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R) associate’s degree program prepares students for rewarding and challenging positions in the ever-changing and growing HVAC/R industry. This A.A.S. degree program provides students with a well-rounded education in HVAC/R technology that includes a thorough understanding and working knowledge of the theory and practical applications necessary for superior systems operation. As new technologies are developed and incorporated in the manufacture and upgrading of equipment, the need for skilled and dedicated technicians continues to expand. According to Bureau of Labor statistics, the employment needs for this area are expected to outpace the average employment needs for other service-based industries.

By combining comprehensive, career-based courses such as system design, diagnostics, servicing and controls with real-life, hands-on training through internships and intensive laboratory sessions, the HVAC/R curriculum—teamed with a grounding in the liberal arts—provides students with the credentials and experience needed to obtain immediate employment upon successfully completing the program.

The HVAC/R degree program is a part-time evening and weekend program that can be completed in seven semesters. The program begins only in the fall semester of even-numbered years. Prior to matriculation, however, students may take some courses that would apply to the program.

Admission Procedures and Requirements

Requirements for admission include high school graduation or the successful completion of a General Education Diploma (GED) program and the completion of high school Mathematics A or an algebra course equivalent to the college’s MA07 Algebra I course. Students requiring developmental courses must successfully complete them prior to being matriculated.

The HVAC/R program is a restricted program and admission is competitive. Meeting minimum criteria does not guarantee acceptance into the program. The college reserves the right to make final decisions based upon the applicant pools.

FIRST SEMESTER: 9.5 credits		<i>Credits</i>
OS15: Freshman Seminar		1.5
EG11: Standard Freshman Composition		3
♦ HV14: Refrigeration and Air Conditioning Systems		5
SECOND SEMESTER: 11 credits		
♦ HV13: Computer Applications in Technology		4
MA41: Technical Mathematics I		4
EG21: Technical Writing		3
THIRD SEMESTER: 9 credits		
♦ HV16: Heating Systems		5

PH24: Technical Physics	4
FOURTH SEMESTER: 9 credits	
♦ HV17: HVAC/R Control Systems	4
♦ HV19: HVAC/R Diagnostics and Servicing	5
FIFTH SEMESTER: 8 credits	
♦ HV18: HVAC/R Commercial Systems	5
CO12: Interpersonal Communication	3
SIXTH SEMESTER: 10-11 credits	
♦ HV20: HVAC/R System Design	4
Social Sciences Elective	3

continued on next page

Accounting or Business Elective 3-4

SEVENTH SEMESTER: 9 credits

- ♦ HV30: HVAC/R Internship 3
- Social Sciences Elective 3
- Liberal Arts Elective 3

TOTAL CREDITS REQUIRED: 65.5-66.5

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

REQUIRED CREDIT DISTRIBUTION

HVAC/R 35 credits
 Mathematics/Science 8 credits
 English 6 credits
 Communication 3 credits
 Social Sciences 6 credits
 Liberal Arts 3 credits
 Business 3-4 credits
 Freshman Seminar 1.5 credits

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

Hegis Code – 5317

Grant / 441-1

The Heating, Ventilation, Air Conditioning and Refrigeration (HVAC/R) certificate program is a part-time program designed for individuals who wish to secure employment in the HVAC/R industry as well as for those who are currently employed or seeking to re-enter the workforce. This certificate program gives students the opportunity to complete their course work in a shorter period of time than the degree program, while enabling them to obtain the skills that are fast becoming requirements for employment in an ever-changing industry. Students wishing to pursue the A.A.S. degree in HVAC/R can apply credits earned in the certificate program toward the associate's degree.

The HVAC/R certificate program is a part-time evening and weekend program that can be completed in four semesters. The program begins only in the fall semester of even-numbered years.

Admission Procedures and Requirements

Requirements for admission include high school graduation or the successful completion of a General Education Diploma (GED) program and the completion of high school Mathematics A or an algebra course equivalent to the college's MA07 Algebra I course. Students requiring developmental courses must successfully complete them prior to being matriculated.

FIRST SEMESTER: 8 credits *Credits*
 EG11: Standard Freshman Composition 3
 HV14: Refrigeration and Air
 Conditioning Systems 5

SECOND SEMESTER: 11 credits
 HV13: Computer Applications
 in Technology 4
 MA41: Technical Mathematics I 4
 EG21: Technical Writing 3

THIRD SEMESTER: 8 credits
 HV16: Heating Systems 5
 CO12: Interpersonal Communication 3

FOURTH SEMESTER: 9 credits
 HV17: Control Systems 4
 HV19: Diagnostics and Servicing 5

TOTAL CREDITS REQUIRED: 36

REQUIRED CREDIT DISTRIBUTION

HVAC/R 23 credits
 English 6 credits
 Communication 3 credits
 Mathematics 4 credits

HONORS PROGRAM

Ammerman – Eastern - Grant

The Honors Program is an enrichment program for academically talented and highly motivated students designed to augment and complement a student's program of study.

Eligibility requirements and application procedures are outlined on page 77 of this catalog.

Diploma Sequence

Qualified students may enroll in the Honors Program Diploma Sequence while engaged in a curriculum of their choice. A minimum of 22 credits distributed throughout the social sciences, humanities, mathematics and sciences satisfies the diverse requirements for this sequence. Honors-enhanced course requirements are most often met by substituting honors-level sections for regular courses or by completing an individualized contract.

Graduates who complete the Honors Program Diploma Sequence will have that distinction noted on their official academic transcript and on their diploma.

Recognition Sequence

Alternatively, qualified students may enroll in the Honors Program Recognition Sequence as part of their chosen curriculum. The Recognition Sequence is accomplished by successfully completing a minimum of twelve credits of honors courses.

Graduates who complete the Honors Program Recognition Sequence will have that distinction noted on their official academic transcript and on their diploma.

Individual Honors Courses

Individual honors courses are open to qualified students on a space-available basis. Interested students should contact their campus Honors Coordinator for specific classes.

Graduation Requirements

Students enrolled in the Honors Program must maintain a grade point average of at least 3.2 each semester. If a student receives a grade lower than B in an honors course, his/her participation in the Honors Program is subject to review. Students must maintain a 3.2 GPA to graduate from the Honors Program.

HORTICULTURE / CERTIFICATE PROGRAM*

Hegis Code - 5402 Eastern / 414-1

This curriculum is designed to provide students with the basic knowledge and skills required for positions as horticultural technicians in local plant nurseries and greenhouses. Graduates are also able to enter two-year or four-year programs for further education in related fields of agriculture or business.

FIRST SEMESTER: 17.5 credits	<i>Credits</i>
OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
♦ HO11 Introduction to Horticulture	3
♦ HO17: The Horticulture Industry	3
♦ HO21: Soil Technology	3
BY21: Botany	4
SECOND SEMESTER: 16-18 credits	
♦ HO41: Plant Protection	3
♦ HO45: Plant Identification	4
Business Administration (BA) or Computer Science (CS) Elective	3-4
Unrestricted Elective	3-4
English Elective	3
TOTAL CREDITS: 33.5-35.5	

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Horticulture	16 credits
English	6 credits
Science	4 credits
Business/Computer Science	3-4 credits
Freshman Seminar	1.5 credits
Unrestricted Elective	3-4 credits

* Students are not being admitted into this program for the fall 2006 semester.

HUMAN SERVICES / A.S. DEGREE

Hegis Code - 5501 Ammerman / 212-1

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 professions. Courses in the curriculum have a strong theoretical tie to the social work profession and include a two-semester practicum providing students a supervised fieldwork experience in a local human service agency. Students complete 140 field hours in SS22 and 180 field hours in SS23.

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 and Long Island University: C.W. Post Campus which facilitate the acceptance of all credits to their bachelors degrees in social work.

Curriculum-specific courses are offered only on the Ammerman Campus. Other courses may be completed at any of the college's campuses. SS11: Introduction to Social Welfare is open to all students. The final three program courses (SS22, SS23 and SS30) are offered only during the day. Other courses are offered both day and evening. SS12 is offered only in the spring semester.

Students must achieve a minimum passing grade of C in each Human Services (SS) 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 EG11 and PC11 with grades of C+ or better. All applicants must have satisfactorily completed all required developmental reading and writing courses. Strong communication skills and 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.

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Curricula

FIRST SEMESTER: 17.5 credits			
	<i> Lec.</i>	<i> Lab.</i>	<i> Cr.</i>
OS15: Freshman Seminar	1.5	-	1.5
EG11: Standard Freshman Composition	3	-	3
PC11: Introduction to Psychology	3	-	3
SO11: Introduction to Sociology	3	-	3
* Humanities Elective	3	-	3
♦ SS11: Introduction to Social Welfare	3	-	3
Physical Education	-	2	1
SECOND SEMESTER: 17 credits			
EG13: Introduction to Literature	3	-	3
HC44: Group Dynamics	3	-	3
PC60: Developmental Psychology	3	-	3
BY14: Principles of Biology	2	4	4
♦ SS12: Interviewing in Social Work Practice	3	-	3
Physical Education	-	2	1

THIRD SEMESTER: 17-18 credits			
** Elective	3	-	3
*** Mathematics Elective	3-4	-	3-4
♦ SS22: Human Services Seminar and Field Practicum I	3	8	5
(includes 140 hours of field work)			
♦ SS30: Theory and Methods of Helping in the Human Services	3	-	3
† Humanities Elective	3	-	3
FOURTH SEMESTER: 15 credits			
‡ History Elective	3	-	3
§ Social Sciences Elective	3	-	3
Δ Elective	3	-	3
♦ SS23: Human Services Seminar and Field Practicum II	3	12	6
(includes 180 hours of field work)			
TOTAL CREDITS REQUIRED: 66.5-67.5			
* To be selected from VA12, VA17, VA18, VA19, MU11, MU16, MU17, MU23, MU24 or TH11.			
** PO25 or PO20 required for BSW candidates.			
*** MA23 recommended for BSW candidates.			

- † To be selected from any HM, PL or foreign language course.
- ‡ To be selected from HS34 (required for BSW candidates), HS11, HS12, HS20, HS22, ID11 or ID12.
- § To be selected from AN11, AN20, AN21, GY15, GY16, HS51, HS57, HS90 or PO40.
- Δ PC80, SO33, HC21, CD11, CD15 or CD20 recommended. Students wishing to meet the maximum SUNY General Education requirements should select HS11, HS12, HS22, ID11 or ID12 if not chosen in history elective above.
- ◆ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General*

Education requirements on page 90 of this catalog for information on selection of elective courses. 2) Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.

REQUIRED CREDIT DISTRIBUTION

Human Services	20 credits
English/Humanities	12 credits
Social Sciences	15 credits
Mathematics/Science	7-8 credits
Health Careers	3 credits
Electives	6 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

INFORMATION TECHNOLOGY / A.A.S. DEGREE*

Hegis Code - 5104

Ammerman - Eastern - Grant / 392

This program prepares students for challenging and rewarding careers in one of the following three fields: Network Design and Administration, Computer Information Systems, and Internet/Web Development. Depending on the program track, Information Technology majors are taught various aspects of the management of information technology such as performance measurement, program development, disaster recovery, security, business analysis, top-down design of systems, and writing of technical documents. The concept of teamwork may be reinforced through the assignment of group projects in various courses. Overall, the curriculum is designed to teach technology as well as to develop technological decision-making skills required by a successful information technology professional.

Admission Procedures and Requirements

Entering students must have a minimum high school average of 75. Students already enrolled in college must have an overall grade point average of at least 2.5. Applicants to the program should note that high school algebra is essential to program success; furthermore, MA27 (Algebra II) 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.

Note: *Constant technological changes require curricula updates that may not appear in the catalog. Please refer to the college Web site for the most recent information.*

NETWORK DESIGN AND ADMINISTRATION OPTION / 392-1

FIRST SEMESTER: 17.5 credits	Credits
OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition . . . . .	.3
◆ CS12: Introduction to Programming Using Visual Basic . . . . .	.4
◆ CS13: Introduction to Information Technology . . . . .	.4
MA17: Computer Mathematics Concepts . . . . .	.4
Physical Education . . . . .	.1

SECOND SEMESTER: 17-18 credits

EG21: Technical Writing . . . . .	.3
◆ CS14: Programming Graphical User Interfaces Using Visual Basic or CS16: Principles of Computing Using Java I . . . . .	.4
* Social Sciences Elective . . . . .	.3
** Mathematics Elective	3-4
◆ CS28: Installing, Configuring and Administering Microsoft® Windows® XP Professional or CS66: Operating Systems: Linux/UNIX . . . . .	.4

* A proposal for revising this curriculum is currently under consideration. Before enrolling in this curriculum, please consult the academic chair, academic dean or a counselor on any campus.

continued on next page

THIRD SEMESTER: 14-16 credits

- † Humanities Elective 3
- ♦ CS17: Computer Organization and Assembly Language Programming or TE50: The Workings of Personal Computers 3-4
- ‡ Business or Science/Engineering/Technology Requirement 3-4
- ♦ TE51: CISCO - Computer Networking I 4
- Physical Education 1

FOURTH SEMESTER: 17-18 credits

- * Social Sciences Elective 3
- ‡ Business or Science/Engineering/Technology Requirement 3-4
- § CS80: Cooperative Education/Internships for Information Technology or BU80: Cooperative Education in Business 3
- ♦ TE52: CISCO - Computer Networking II 4
- ♦ CS68: Network Operating Systems and Network Infrastructure 4

TOTAL CREDITS REQUIRED: 65.5-69.5

* Although this is not a transfer degree, students planning to transfer to a SUNY four-year institution are strongly advised to choose as their social sciences electives courses in either American history or Western civilization or non-Western culture. The **American history requirement** can be met by HS33, HS34 or PO25; the **Western civilization requirement** can be met by HS11, HS12, HS20, HS22, ID11 or ID12; the **non-Western culture requirement** can be met by AN11, AN20, AN31, AN50, AN55, GY15, GY16, GY17, HS51, HS57, HS90 or PO40.

** Choose one of the following: MA23, MA36, MA61.

† Students are strongly advised to choose as their humanities elective a course in either the arts (visual arts, music, theatre) or foreign language.

‡ Choose one accounting course and a business course (BA11, BA12 or BA55) or two science/engineering/computer courses.

§ CS80 strongly recommended. Students not meeting CS80 eligibility requirements may choose a CS course.

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Computer Science	32-40 credits
English	6 credits
Humanities	3 credits
Social Sciences	6 credits
Mathematics	7-8 credits
Science	0-8 credits
Business	0-10 credits
Engineering	0-8 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

**COMPUTER INFORMATION SYSTEMS
OPTION / 392-2****FIRST SEMESTER: 17.5 credits***Credits*

- OS15: Freshman Seminar 1.5
- EG11: Standard Freshman Composition 3
- ♦ CS12: Introduction to Programming Using Visual Basic 4
- ♦ CS13: Introduction to Information Technology 4
- MA17: Computer Mathematics Concepts 4
- Physical Education 1

SECOND SEMESTER: 17-18 credits

- EG21: Technical Writing 3
- * Social Sciences Elective 3
- ♦ CS16: Principles of Computing Using Java I 4
- ** Mathematics Elective 3-4
- ♦ CS14: Programming Graphical User Interfaces Using Visual Basic 4

THIRD SEMESTER: 16 credits

- † Humanities Elective 3
- ♦ CS17: Computer Organization and Assembly Language Programming 4
- ♦ CS26: Advanced Programming and Problem Solving with Java 4
- ♦ CS33: Relational Database Applications and Concepts 4
- Physical Education 1

FOURTH SEMESTER: 17-18 credits

- * Social Sciences Elective 3
- ‡ Business or Accounting Elective 3-4
- § CS80: Cooperative Education/Internships for Information Technology or BU80: Cooperative Education in Business 3
- ♦ CS34: Programming for Relational Database Management Systems 4
- Δ CS Elective 4

TOTAL CREDITS REQUIRED: 67.5-69.5

* Although this is not a transfer degree, students planning to transfer to a SUNY four-year institution are strongly advised to choose as their social sciences electives courses in either American history or Western civilization or non-Western culture. The **American history requirement** can be met by HS33, HS34 or PO25; the **Western civilization requirement** can be met by HS11, HS12, HS20, HS22, ID11 or ID12; the **non-Western culture requirement** can be met by AN11, AN20, AN31, AN50, AN55, GY15, GY16, GY17, HS51, HS57, HS90 or PO40.

** Choose one of the following: MA23, MA36, MA61.

† Students are strongly advised to choose as their humanities elective a course in either the arts (visual arts, music, theatre) or foreign language.

‡ Choose one of the following: AC11, BA11, BA12, BA55.

§ CS80 strongly recommended. Students not meeting CS80 eligibility requirements may choose a CS course.

Δ Choose from one of the following: CS18, CS28, CS60, CS66. CS60 strongly recommended.

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

REQUIRED CREDIT DISTRIBUTION

Computer Science	36 credits
English	6 credits
Humanities	3 credits
Social Sciences	6 credits
Mathematics	7-8 credits
Business	3-7 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

INTERNET/WEB DEVELOPMENT OPTION / 392-3

FIRST SEMESTER: 17.5 credits Credits

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
◆ CS12: Introduction to Programming Using Visual Basic	4
◆ CS13: Introduction to Information Technology	4
MA17: Computer Mathematics Concepts	4
Physical Education	1

SECOND SEMESTER: 18-19 credits

EG21: Technical Writing	3
◆ CS16: Principles of Computing Using Java I.	4
** Mathematics Elective	3-4
◆ CS35: Web Site Design	4
◆ CS33: Relational Database Applications and Concepts	4

THIRD SEMESTER: 18 credits

† Humanities Elective	3
* Social Sciences Elective	3
◆ CS14: Programming Graphical User Interfaces Using Visual Basic or CS26: Principles of Computing Using Java II	4
BA61: E-Commerce	3
◆ CS31: Client-Side and Server-Side Web Programming	4
Physical Education	1

FOURTH SEMESTER: 14 credits

* Social Sciences Elective	3
§ CS80: Cooperative Education/ Internships for Information Technology or BU80: Cooperative Education in Business	3
◆ CS39: XML Document Design and Programming	4
◆ CS32: E-Commerce Programming	4

TOTAL CREDITS REQUIRED: 67.5-68.5

* Although this is not a transfer degree, students planning to transfer to a SUNY four-year institution are strongly advised to choose as their social sciences electives courses in either American history or Western civilization or non-Western culture. The **American history requirement** can be met by HS33, HS34 or PO25; the **Western civilization requirement** can be met by HS11, HS12, HS20, HS22, ID11 or ID12; the **non-Western culture requirement** can be met by AN11, AN20, AN31, AN50, AN55, GY15, GY16, GY17, HS51, HS57, HS90 or PO40.

** Choose one of the following: MA23, MA36, MA61.

† Students are strongly advised to choose as their humanities elective a course in either the arts (visual arts, music, theatre) or foreign language.

‡ CS80 strongly recommended. Students not meeting CS80 eligibility requirements may choose a CS course.

◆ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Computer Science	36-39 credits
English	6 credits
Humanities	3 credits
Social Sciences	6 credits
Mathematics	7-8 credits
Business	3-7 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

INFORMATION TECHNOLOGY / CERTIFICATE

Hegis Code - 5104

Ammerman - Eastern - Grant / 440

This program is suitable for students who already have an associate's, 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 three fields: Network Design and Administration, Application Development, and Internet/Web Development and Administration.

Depending on the program track, Information Technology majors are taught various aspects of the management of information technology such as performance measurement, program development, disaster recovery, security, business analysis, top-down design of systems, and writing of technical documents. The concept of teamwork may be reinforced through the assignment of group projects in various courses. Overall, the curriculum is designed to teach technology as well as to develop technological decision-making skills required by a successful information technology professional.

Students who wish to continue their studies toward the A.A.S. degree in Information Technology may apply these credits toward that goal.

Note: *Constant technological changes require curricula updates that may not appear in the catalog. Please refer to the college Web site for the most recent information.*

FIRST SEMESTER: 16 credits *Credits*

- ◆ CS12: Introduction to Programming
Using Visual Basic 4
- *◆ Computer Science/Information
Technology Elective. 4
- *◆ Computer Science/Information
Technology Elective. 4
- MA17: Computer Mathematics Concepts . . 4

SECOND SEMESTER: 15 credits

- EG21: Technical Writing 3
- *◆ Computer Science/Information
Technology Elective. 4
- *◆ Computer Science/Information
Technology Elective. 4
- *◆ Computer Science/Information
Technology Elective. 4

TOTAL CREDITS REQUIRED: 31

- * To be selected based on desired option.
- ◆ These courses constitute the major courses in this curriculum.

OPTIONS

NETWORK DESIGN AND ADMINISTRATION / 440-1

Semester 1: CS28 or CS66, TE51
Semester 2: TE52, CS68, Computer Science/
Information Technology Elective

COMPUTER INFORMATION SYSTEMS / 440-2

Semester 1: CS16, CS33
Semester 2: CS14 or CS26, CS34, Computer
Science/Information Technology Elective

INTERNET/ WEB DEVELOPMENT / 440-3

Semester 1: CS33, CS35
Semester 2: CS31 or CS32, CS39, Computer
Science/Information Technology Elective

REQUIRED CREDIT DISTRIBUTION

Computer Science 24 credits
English 3 credits
Mathematics. 4 credits

INTERIOR DESIGN ASSISTANT / A.A.S. DEGREE

Hegis Code - 5012 Eastern / 329-1

This curriculum combines an intensive program of study in art and interior design with courses in the liberal arts to prepare students to assume positions of interior design assistant or junior designer or for transfer into four-year programs of study.

The responsibilities of the interior design assistant encompass many aspects of creating residential or commercial environments built for human habitation. The design assistant helps clients with the selection and arrangement of interior furnishings and performs basic tasks necessary to implement a design, such as, preparing drawings and business documents, measuring and providing cost estimates, and working with subcontractors. This curriculum is included in the New York State Education Department's inventory of Registered Programs and meets New York State educational requirements for licensure as an interior designer.

The four-semester sequence starting every fall requires that acceptance into the Interior Design Assistant curriculum is for FALL admission only. However, students may consult with the department for spring courses, but will be on a track consisting of five or more semesters due to core course prerequisites.

FIRST SEMESTER: 17.5 credits *Credits*

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
PC11: Introduction to Psychology or SO11: Introduction to Sociology	3
♦ IN13: Interior Design I	3
VA30: 2D Design	3
VA33: Drawing I	3
Physical Education	1

SECOND SEMESTER: 18 credits

EG13: Introduction to Literature	3
History Elective	3
♦ IN14: Interior Design II	3
VA17: Art History I or VA18: Art History II or VA19: Modern Art	3
VA24: Color	3
VA34: Drawing II	3

THIRD SEMESTER: 16-17 credits

Mathematics Elective	3-4
* Humanities Elective	3
♦ IN15: Interior Design III	3
♦ IN51: Interior Design Graphics	3
♦ IN54: Professional Practice for Interior Designers	3
Physical Education	1

FOURTH SEMESTER: 19 credits

Laboratory Science Elective	4
** Business Elective	3
♦ IN16: Design Seminar	2
*** IN79: Cooperative Education and Internships in Interior Design or VA60: 3D Design	3
♦ IN52: Materials and Construction Methods for Interior Designers	4
♦ IN53: AutoCAD for Interior Designers	3

TOTAL CREDITS REQUIRED: 70.5-71.5

- * To be selected from PL11, PL23, HM50 or HM51.
- ** To be selected from BD57, BD73 or BA53.
- *** Students intending to continue on for a baccalaureate degree are advised to take VA60; students planning to enter the job market upon graduation should select IN79.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Interior Design/Visual Arts	42 credits
Social Sciences	6 credits
Mathematics/Science	7-8 credits
English	6 credits
Humanities	3 credits
Business	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

LIBERAL ARTS AND SCIENCES: ADOLESCENCE EDUCATION/BIOLOGY EMPHASIS / A.A. DEGREE

(Jointly Registered with St. Joseph's College, leading to a B.A. or B.S. degree in Biology)

Hegis Code - 5649

Ammerman - Eastern - Grant / 113-1 (B.A.); 114-1 (B.S.)

This program, which is jointly registered with St. Joseph's College, prepares students for careers in secondary education (grades 7-12). Students who complete the A.A. degree at Suffolk County Community College are assured seamless transfer to St. Joseph's College for the baccalaureate degree program. **However, students can also transfer to other New York State public and private four-year colleges to attain the baccalaureate degree and teacher certification.**

The Adolescence Education Emphasis at Suffolk offers a strong liberal arts foundation, while including courses specifically related to pedagogy. New York State teacher certification standards will be met through upper-level course work at St. Joseph's College, including supervised student teaching. Successful completion of the full program will qualify students for initial certification in secondary education.

Admission Procedures and Requirements

Admission to the A.A. Liberal Arts and Sciences: Adolescence Education/Biology emphasis for entering students requires a Regent's Diploma, a minimum high school average of 80 and completion of Mathematics A and B and precalculus. Students already enrolled in college who wish to be admitted to the program must have completed EG11 and MA62 or MA70 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: 17.5 credits Credits

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
BY50: Modern Biology I	4
CH33: College Chemistry I	4
MA87: Calculus with Analytic Geometry I	4
Physical Education	1

SECOND SEMESTER: 16 credits

EG13: Introduction to Literature	3
BY52: Modern Biology II	4
CH34: College Chemistry II	4
MA88: Calculus with Analytic Geometry II	4
Physical Education	1

THIRD SEMESTER: 17 credits

CO11: Introduction to Human Communication	3
or CO15: Public Speaking	3
CH55: Organic Chemistry I	5
* Non-Western Social Sciences Elective	3
HS11: Western Civilization I	3
or HS12: Western Civilization II	3
** Visual Arts Elective	3

FOURTH SEMESTER: 15 credits

CH56: Organic Chemistry II	5
BY62: Genetics	4
HS34: Modern American History	3
or HS33: Foundations of American History	3
ED12: Introduction to Education	3

TOTAL CREDITS REQUIRED: 65.5

* To be selected from GY15: World Regional Geography, GY16: Culture and the Environment, GY17: Political Geography, HS51: Major World Cultures, HS57: The Far Eastern World; PO40: World Politics.

** To be selected from VA11: Art of the Western World, VA12: Art Appreciation, VA17: Art History I, VA18: Art History II or VA19: Modern Art.

REQUIRED CREDIT DISTRIBUTION AT SUFFOLK COUNTY COMMUNITY COLLEGE

English	6 credits
Humanities	6 credits
Social Sciences	9 credits
Biology/Chemistry	30 credits
Mathematics	8 credits
Education	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

B.A. Program at St. Joseph's College¹

FIFTH SEMESTER: 17 credits Credits

BIO330: Physiology	5
Social Sciences Elective ²	3
EDU 115: Educational Psychology	3
ENG110: Communications for Professionals	3
Foreign Language I	3

SIXTH SEMESTER: 14 credits

BIO380: Research Seminar	1
EDU234: Sociological and Philosophical Foundations of Education	2
EDU235: Instructional Strategies for Inclusion in the Classroom	2
PSY220: Adolescent Psychology	3
Foreign Language II	3
Philosophy Elective	3

SEVENTH SEMESTER: 15 credits

Biology Elective	4
EDU360: Methods of Secondary Education	3
EDU366: Methods in Teaching Biology	2
SPC218: Normal Language Development	3
Non-Laboratory Biology or Chemistry Course	3
BIO480: Research	0

EIGHTH SEMESTER: 16 credits

BIO340: Microbiology	4
EDU473: Supervised Teaching in Secondary Schools	6
Music Elective	3
BIO480: Research	3

Credits Required at St. Joseph's College: 62 credits (70 for B.S. Degree)

Credits Required at Suffolk County Community College: 65.5 credits

Total Credits Required to Complete the Joint Program: 127.5 for B.A. Degree; 135.5 for B.S. Degree

¹ The B.S. in Biology at St. Joseph's College requires 8 additional credits: Physics 150 and 151.

² To be selected from sociology, political science or economics.

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

LIBERAL ARTS AND SCIENCES: ADOLESCENCE EDUCATION/ENGLISH EMPHASIS / A.A. DEGREE

(Jointly Registered with St. Joseph's College, leading to a B.A. degree in English)

Hegis Code - 5649

Ammerman - Eastern - Grant / 115-1

This program, which is jointly registered with St. Joseph's College, prepares students for careers in secondary education (grades 7-12). Students who complete the A.A. degree at Suffolk County Community College are assured seamless transfer to St. Joseph's College for the baccalaureate degree program. **However, students can also transfer to other New York State public and private four-year colleges to attain the baccalaureate degree and teacher certification.**

The Adolescence Education Emphasis at Suffolk offers a strong liberal arts foundation, while including courses specifically related to pedagogy. New York State teacher certification standards will be met through upper-level course work at St. Joseph's College, including supervised student teaching. Successful completion of the full program will qualify students for initial certification in secondary education.

Admission Procedures and Requirements

Admission to the A.A. Liberal Arts and Sciences: Adolescence Education/English emphasis for entering students requires a Regent's Diploma and a minimum high school average of 80. Students already enrolled in college who wish to be admitted to the program must have completed EG11: Standard Freshman Composition and a mathematics or laboratory science course with a combined GPA of 3.0 or better.

Graduates of the A.A. program at Suffolk will be required to have a 2.80 GPA to matriculate in the Adolescence Education program at St. Joseph's College.

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Program at Suffolk County Community College

FIRST SEMESTER: 16.5-17.5 credits *Credits*

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
CO11: Introduction to Human Communication	
or CO15: Public Speaking	3
‡ Mathematics Elective	3-4
† Foreign Language	3
* Visual Arts Elective	3

SECOND SEMESTER: 17 credits

EG13: Introduction to Literature	3
EG35: Advanced Expository Writing	3
† Foreign Language	3
Laboratory Science Elective	4
HS11: Western Civilization I	
or HS12: Western Civilization II	3
Physical Education	1

THIRD SEMESTER: 16-17 credits

** English Elective	3
EG60: Contemporary Global Literature	3
Philosophy Elective	3
‡ Mathematics/Laboratory Science Elective	3-4
HS34: Modern American History	
or HS33: Foundations of American History	3
Physical Education	1

FOURTH SEMESTER: 15 credits

** English Elective	3
** English Elective	3
*** Music Elective	3
SO11: Introduction to Sociology	
or PO25: American National Politics and Government	3
ED12: Introduction to Education	3

TOTAL CREDITS REQUIRED: 64.5-66.5

* To be selected from VA11: Art of the Western World, VA12: Art Appreciation, VA17: Art History I, VA18: Art History II or VA19: Modern Art.

** To be selected from EG51: Introduction to the Novel, EG52: Introduction to Dramatic Literature, EG53: Contemporary Literature, EG54: The Short Story, EG59: African-American Literature, EG83: Shakespeare, EG91: The Art of Poetry.

*** To be selected from MU11: Understanding Music, MU16: Music History I, MU17: Music History II, MU24: Opera, MU40: Music Fundamentals, MU51: History of Jazz, MU54: History of Rock and Roll Music, MU55: Twentieth Century Music.

† Students are required to complete two semesters of a foreign language **in sequence based on completion of prerequisite or fulfillment of**

equivalent high school placement requirements, as follows: Elementary I/Elementary II OR Elementary II/Intermediate I OR Intermediate I/Intermediate II OR Intermediate II/any advanced-level course. ASL not accepted for this requirement

‡ No mathematics special topics courses or MA50.

REQUIRED CREDIT DISTRIBUTION AT

SUFFOLK COUNTY COMMUNITY COLLEGE

English	21 credits
Humanities	12 credits
Foreign Language	6 credits
Social Sciences	9 credits
Mathematics/Science	10-12 credits
Education	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

B.A. Program at St. Joseph’s College

FIFTH SEMESTER: 15 credits *Credits*

ENG401: Junior Survey of American Literature	3
EDU 115: Educational Psychology	3
SPC218: Normal Language Development	3
English Elective ¹	3
Elective	3

SIXTH SEMESTER: 16 credits

ENG400: Writing about Literature	3
EDU234: Sociological and Philosophical Foundations of Education	2
EDU235: Instructional Strategies for Inclusion in the Classroom	2
PSY220: Adolescent Psychology	3
English Elective ¹	3
Elective	3

SEVENTH SEMESTER: 17 credits

ENG402: Advanced Survey of British Literature (<i>fall only</i>)	3
ENG487: Seminar in Literature (Thesis - <i>fall only</i>)	3

EDU360: Methods of Secondary Education	3
EDU361: Methods in Teaching English	2
SPC217: Oral Interpretation of Literature	3
Elective	3

EIGHTH SEMESTER: 15 credits

ENG403: Advanced Survey II (<i>spring only</i>)	3
EDU473: Supervised Teaching in Secondary Schools	6
English Elective ²	3
Elective	3

Credits Required at St. Joseph’s College: 63 credits

Credits Required at Suffolk County Community College: 64.5-66.5 credits

Total Credits Required to Complete the Joint Program: 127.5-129.5

¹ To be selected from the following list (students should fulfill Renaissance and Medieval requirement with electives **in bold type**): ENG112: Classical Literature, **ENG217: Medieval Themes, ENG218: Medieval Literature, ENG219: Literature of English Renaissance, ENG221: 17th Century Literature,** ENG233: Romantic Literature, ENG234: Victorian Literature, ENG241: Rise and Development of the Novel, ENG256: Bible as Literature, ENG257: Colonial and Early National American Literature, ENG258: American Renaissance, ENG259: Modern American Novel, **ENG305: Chaucer, ENG332: Shakespeare.** Courses in **bold type** satisfy Renaissance or Medieval requirement.

² To be selected from ENG243: 19th Century British Novel, ENG245: Modern British Novel, ENG253: Modern Poetry, ENG303: Continental Masterworks, ENG320: Milton, ENG370: Selected Themes of Literary Interest.

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

LIBERAL ARTS AND SCIENCES: ADOLESCENCE EDUCATION/HISTORY EMPHASIS (SOCIAL STUDIES) / A.A. DEGREE

(Jointly Registered with St. Joseph's College, leading to a B.A. degree in History)

Hegis Code - 5649

Ammerman - Eastern - Grant / 116-1

This program, which is jointly registered with St. Joseph's College, prepares students for careers in secondary education (grades 7-12). Students who complete the A.A. degree at Suffolk County Community College are assured seamless transfer to St. Joseph's College for the baccalaureate degree program. **However, students can also transfer to other New York State public and private four-year colleges to attain the baccalaureate degree and teacher certification.**

The Adolescence Education Emphasis at Suffolk offers a strong liberal arts foundation, while including courses specifically related to pedagogy. New York State teacher certification standards will be met through upper-level course work at St. Joseph's College, including supervised student teaching. Successful completion of the full program will qualify students for initial certification in secondary education.

Admission Procedures and Requirements

Admission to the A.A. Liberal Arts and Sciences: Adolescence Education/History (Social Studies) emphasis for entering students requires a Regent's Diploma and a minimum high school average of 80. Students already enrolled in college who wish to be admitted to the program must have completed EG11: Standard Freshman Composition and a mathematics or laboratory science course with a combined GPA of 3.0 or better.

Graduates of the A.A. program at Suffolk will be required to have a 2.80 GPA to matriculate in the Adolescence Education program at St. Joseph's College.

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Program at Suffolk County Community College

FIRST SEMESTER: 16.5-17.5 credits *Credits*

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
† Foreign Language	3
HS11: Western Civilization I.	3
CO11: Introduction to Human Communication	3
or CO15: Public Speaking.	3
‡ Mathematics Elective.	3-4

SECOND SEMESTER: 17 credits

EG13: Introduction to Literature	3
† Foreign Language	3
HS12: Western Civilization II.	3
Laboratory Science Elective	4
* Music Elective.	3
Physical Education.	1

THIRD SEMESTER: 16 credits

SO11: Introduction to Sociology	3
HS33: Foundations of American History	3
EK21: Macroeconomics: The National Economy.	3
PO20: State and Local Politics and Government	3
** Visual Arts Elective	3
Physical Education.	1

FOURTH SEMESTER: 15-16 credits

Philosophy Elective	3
HS34: Modern American History	3
‡ Mathematics/Laboratory Science Elective	3-4
*** Non-Western Social Sciences Elective.	3
ED12: Introduction to Education.	3

TOTAL CREDITS REQUIRED: 64.5-66.5

* To be selected from MU11: Understanding Music, MU16: Music History I, MU17: Music History II, MU24: Opera, MU40: Music Fundamentals, MU51: History of Jazz, MU54: History of Rock and Roll Music, MU55: Twentieth Century Music.

** To be selected from VA11: Art of the Western World, VA12: Art Appreciation, VA17: Art History I, VA18: Art History II or VA19: Modern Art.

*** To be selected from GY15: World Regional Geography, GY16: Culture and the Environment, GY17: Political Geography, HS51: Major World Cultures or HS57: The Far Eastern World, PO40: World Politics.

† Students are required to complete two semesters of a foreign language **in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements**, as follows: Elementary I/Elementary II OR Elementary II/Intermediate I OR Intermediate I/Intermediate II OR Intermediate II/any

advanced-level course. ASL not accepted for this requirement.

‡ No mathematics special topics courses or MA50.

REQUIRED CREDIT DISTRIBUTION AT

SUFFOLK COUNTY COMMUNITY COLLEGE

English	6 credits
Humanities	12 credits
Foreign Language	6 credits
History	12-15 credits
Social Sciences	9-12 credits
Mathematics/Science	10-12 credits
Education	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

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

FIFTH SEMESTER: 18 credits

Credits

History 200-Level Non-Western	
History Elective	.3
POL102: Introduction to Political Science	.3
HIS422: Historiography	.3
HIS152: Contemporary International Problems	
or HIS310: American Foreign Policy	.3
EDU 115: Educational Psychology	.3
SPC218: Normal Language Development	.3

SIXTH SEMESTER: 15 credits

HIS410: Seminar in Historical Methodology	.2
History 300-Level Elective	.3
PSY200: Psychology of Learning	.3
ECO278: Economic Geography	.3
EDU234: Sociological and Philosophical	
Foundations of Education	.2
EDU235: Instructional Strategies for	
Inclusion in the Classroom	.2

SEVENTH SEMESTER: 16 credits

POL103: American Government and Politics	.3
HIS411: Senior Thesis (Non-Western)	.2
Art Elective	.3
EDU360: Methods of Secondary Education	.3
EDU363: Methods of Teaching History	
and Social Studies	.2
PSY220: Adolescent Psychology	.3

EIGHTH SEMESTER: 15 credits

Economics or Political Science Elective	.3
SPC Elective	.3
History 300-Level Elective	.3
EDU473: Supervised Teaching	
in Secondary Schools	.6

Credits Required at St. Joseph's

College: 64 credits

Credits Required at Suffolk County

Community College: 64.5-66.5 credits

Total Credits Required to Complete the Joint Program: 128.5-130.5 for B.A. Degree

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

LIBERAL ARTS AND SCIENCES: ADOLESCENCE EDUCATION/ MATHEMATICS EMPHASIS / A.A. DEGREE

(Jointly Registered with St. Joseph's College, leading to a B.A. or B.S. degree in Mathematics)

Hegis Code - 5649

Ammerman - Eastern - Grant / 117-1 (B.A.); 118-1 (B.S.)

This program, which is jointly registered with St. Joseph's College, prepares students for careers in secondary education (grades 7-12). Students who complete the A.A. degree at Suffolk County Community College are assured seamless transfer to St. Joseph's College for the baccalaureate degree program. **However, students can also transfer to other New York State public and private four-year colleges to attain the baccalaureate degree and teacher certification.**

The Adolescence Education Emphasis at Suffolk offers a strong liberal arts foundation, while including courses specifically related to pedagogy. New York State teacher certification standards will be met through upper-level course work at St. Joseph's College, including supervised student teaching. Successful completion of the full program will qualify students for initial certification in secondary education.

Admission Procedures and Requirements

Admission to the A.A. Liberal Arts and Sciences: Adolescence Education/Mathematics emphasis for entering students requires a Regent's Diploma, a minimum high school average of 80 and completion of Mathematics A and B. Students already enrolled in college who wish to be admitted to the program must have completed EG11 and MA27 or equivalent (or a laboratory science course if no math course is required), with a combined GPA of 3.0 or better.

Graduates of the A.A. program at Suffolk will be required to have a 2.80 GPA to matriculate in the Adolescence Education program at St. Joseph's College.

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Program at Suffolk County Community College

FIRST SEMESTER: 17.5 credits Credits

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
* MA61: Fundamentals of Precalculus I	4
† Foreign Language	3
CO11: Introduction to Human Communication	3
or CO15: Public Speaking	3
** Visual Arts Elective	3

SECOND SEMESTER: 18 credits

EG13: Introduction to Literature	3
† Foreign Language	3
Laboratory Science Elective	4
* MA62: Fundamentals of Precalculus II	4
*** Music Elective	
Physical Education	1

THIRD SEMESTER: 15 credits

CS12: Introduction to Programming	
Using Visual Basic	4
MA87: Calculus with Analytic Geometry I	4
HS11: Western Civilization I	
or HS12: Western Civilization II	3
SO11: Introduction to Sociology	3
Physical Education	1

FOURTH SEMESTER: 17 credits

MA88: Calculus with Analytic Geometry II	4
HS34: Modern American History or HS33: Foundations of American History	3
‡ Non-Western Social Sciences Elective	3
CS16: Principles of Computing Using C++	4
ED12: Introduction to Education	3

TOTAL CREDITS REQUIRED: 67.5

* MA70: Precalculus Mathematics cannot be substituted for MA61 and MA62.

** To be selected from VA11: Art of the Western World, VA12: Art Appreciation, VA17: Art History I, VA18: Art History II or VA19: Modern Art.

*** To be selected from MU11: Understanding Music, MU16: Music History I, MU17: Music History II, MU24: Opera, MU40: Music Fundamentals, MU51: History of Jazz, MU55: Twentieth Century Music.

† Students are required to complete two semesters of a foreign language **in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements**, as follows: Elementary I/Elementary II OR

Elementary II/Intermediate I OR Intermediate I/Intermediate II OR Intermediate II/any advanced-level course. ASL not accepted for this requirement.

‡ To be selected from GY15: World Regional Geography, GY16: Culture and the Environment, GY17: Political Geography, HS51: Major World Cultures, HS57: The Far Eastern World, PO40: World Politics.

REQUIRED CREDIT DISTRIBUTION AT SUFFOLK COUNTY COMMUNITY COLLEGE

English	6 credits
Humanities	9 credits
Foreign Language	6 credits
Social Sciences	12 credits
Mathematics	16 credits
Science	4 credits
Computer Science	8 credits
Education	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

B.A. Program at St. Joseph’s College¹

FIFTH SEMESTER: 16 credits *Credits*

MAT207: Calculus III	4
Mathematics Elective	3
EDU 115: Educational Psychology	3
SPC218: Normal Language Development	3
Elective	3

SIXTH SEMESTER: 17 credits

MAT208: Advanced Calculus	4
MAT356: Linear Algebra	3
EDU234: Sociological and Philosophical Foundations of Education	2

EDU235: Instructional Strategies for Inclusion in the Classroom	2
EDU220: Adolescent Psychology	3
Elective	3

SEVENTH SEMESTER: 17 credits

Mathematics Elective	3
MAT246: Probability and Statistics	3
EDU360: Methods of Secondary Education	3
EDU364: Methods in Teaching Mathematics	2
Fine Arts Elective	3
Elective	3

EIGHTH SEMESTER: 15 credits

MAT362: Modern Geometry	3
MAT471: Seminar	3
EDU473: Supervised Teaching in Secondary Schools	6
Elective	3

Credits Required at St. Joseph’s College: 65 credits (73 for B.S. Degree)

Credits Required at Suffolk County Community College: 67.5 credits

Total Credits Required to Complete the Joint Program: 132.5 for B.A. Degree; 140.5 for B.S. Degree

¹ The B.S. in Mathematics at St. Joseph’s College requires 8 additional credits: Physics 150 and 151.

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

LIBERAL ARTS AND SCIENCES: EDUCATION (CHILD STUDY) EMPHASIS / A.A. DEGREE

(Jointly Registered with St. Joseph's College, leading to a B.A. degree in Child Study)

Hegis Code - 5649

Ammerman - Eastern - Grant / 112-1

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 is met through upper-level course work at St. Joseph's College, including supervised student teaching. Successful completion of the full program qualifies students for Initial Certification in the following four areas:

- Early childhood (birth to second grade)
- Early childhood special education (birth to second grade)
- Childhood (grades one through six)
- Childhood special education (grades one through six)

Admission Procedures and Requirements

Admission to the A.A. Liberal Arts and Sciences: Education (Child Study) Emphasis for entering students requires a Regent's Diploma and a minimum high school average of 80. Continuing students who wish to be admitted to the program must have completed EG11: Standard Freshman Composition, a mathematics or laboratory science course, and PC11: Introduction to Psychology with a combined GPA of 3.0 or better.

Graduates of the A.A. program at Suffolk will be required to have a 2.80 GPA to matriculate in the Child Study program at St. Joseph's College.

Program at Suffolk County Community College

FIRST SEMESTER: 16.5-17.5 credits *Credits*

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
PC11: Introduction to Psychology	3
* Foreign Language	3
◇ Mathematics Elective	3-4
** Visual Arts Elective	3

SECOND SEMESTER: 17 credits

EG13: Introduction to Literature	3
CO11: Introduction to Human Communication or CO15: Public Speaking	3
PC64: Child and Adolescent Psychology	3
Laboratory Science Elective	4
* Foreign Language	3
Physical Education	1

THIRD SEMESTER: 16-17 credits

HS33: Foundations of American History or HS34: Modern American History	3
PC63: The Exceptional Child	3
*** Philosophy Elective	3
◇ Mathematics Elective	3-4
† Music Elective	3
Physical Education	1

FOURTH SEMESTER: 19 credits

HS11: Western Civilization I or HS12: Western Civilization II	3
Laboratory Science Elective	4
PO20: State and Local Politics and Government	3
EG35: Advanced Expository Writing	3
ED12: Introduction to Education	3
§ Course in Area of Concentration	3

TOTAL CREDITS REQUIRED: 68.5-70.5

* Students are required to complete two semesters of a foreign language **in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements**, as follows: Elementary I/Elementary II OR Elementary II/Intermediate I OR Intermediate I/Intermediate II OR Intermediate II/any advanced-level course. ASL not accepted for this requirement.

** To be selected from VA11: Art of the Western World, VA12: Art Appreciation, VA17: Art History I, VA18: Art History II, VA19: Modern Art, VA24: Color, VA30: 2D Design or VA90: History of Photography.

- *** To be selected from PL11: Issues in Philosophy, PL14: Critical Thinking, PL17: History of Philosophy, PL18: World Philosophies, PL20: Philosophy of the Arts, or PL23: Ethics.
- † To be selected from MU11: Understanding Music, MU24: Opera, MU40: Music Fundamentals, MU51, History of Jazz, or MU54: History of Rock and Roll Music.
- § 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 Suffolk courses that will satisfy this requirement.**
- ◇ No mathematics special topics courses or MA50.

NOTES: 1) *Because of possible curriculum changes, students are advised to confirm the appropriateness the program coordinator or a counselor before registering.* 2) *Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.*

REQUIRED CREDIT DISTRIBUTION AT SUFFOLK COUNTY COMMUNITY COLLEGE

English	9 credits
Humanities	12 credits
Foreign Language	6 credits
Social Sciences	18 credits
Mathematics/Science	14-16 credits
Education	3 credits
Area of Concentration	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

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

FIFTH SEMESTER: 18 credits	<i>Credits</i>
CS 301: Literacy and Language in the Primary Grades	.3
CS 324: Special Education: Curriculum, Methods, Materials 1	.3
CS 308: Education for Preschool and Kindergarten Years	.3
SPC 224: Children's Literature and Oral Expression	.3
Course in area of concentration	.3
Course in area of concentration	.3

SIXTH SEMESTER: 18 credits	
CS 302: Literacy and Language in the Intermediate Grades	.3
CS 303/304: Mathematics/Science in the Elementary School	.3
CS 325: Special Education: Curriculum, Methods, Materials 2	.3
CS 321: Psychoeducational Assessment	.3
Course in area of concentration	.3
Course in area of concentration	.3

SEVENTH SEMESTER: 12 credits	
CS 414: Supervised Student Teaching - Elementary School	.5
CS 352: Classroom Management	.1
Course in area of concentration	.3
Course in area of concentration	.3

EIGHTH SEMESTER: 17 credits	
CS 402: Research in Special Education	.3
CS 424: Special Education Practicum	.5
Course in area of concentration	.3
Course in area of concentration	.3
Course in area of concentration	.3

Credits Required at St. Joseph's College: 65 credits

Credits Required at Suffolk County Community College: 68.5-70.5 credits

Total Credits Required to Complete the Joint Program: 133.5-135.5¹

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

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

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

Hegis Code - 5649

Ammerman - Eastern - Grant / 103-1

This curriculum is designed for students seeking a liberal arts education which will develop their intellect, enhance their self-expression, contribute to a sense of self-fulfillment, and provide an understanding of our common cultural heritage. The program focuses on a central core of learning experiences in the arts, humanities, social sciences, natural sciences and mathematics and constitutes an ideal foundation and preparation for those students who plan to continue their studies toward a baccalaureate degree at a four-year college or university. At the same time, it also offers sufficient flexibility and opportunity for exploration to serve the needs of those students who are undecided about their career goals and who wish to explore diverse fields of interest.

FIRST SEMESTER: 17.5-18.5 Credits Credits

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
CO11: Introduction to Human Communication	
or CO15: Public Speaking	3
HS11: Western Civilization I	
or ID11: Civilization: The Human Experience I	3
Mathematics Elective	3-4
* Social Sciences Elective (see Note 2)	3
Physical Education	1

SECOND SEMESTER: 17 Credits

EG13: Introduction to Literature	3
** Visual Arts, Music or Theatre Elective (VA, MU or TH)	3
HS12: Western Civilization II	
or ID12: Civilization : The Human Experience II	3
Laboratory Science Elective	4
* Social Sciences Elective (see Note 2)	3
Physical Education	1

THIRD SEMESTER: 15-18 credits

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

FOURTH SEMESTER: 15-18 credits

*** Humanities Elective II: (see Footnote)	3
‡ Non-Western Social Sciences Elective	3
Mathematics or Science Elective	3-4
Unrestricted Electives (2 courses) (see Note 2)	6-8

TOTAL CREDITS REQUIRED: 64.5-71.5

* Criminal Justice courses do not fulfill a social science requirement.

** This requirement cannot be fulfilled by MU87, MU88 or 2-credit music performance courses.

*** Humanities Electives I and II:

- If a philosophy course is selected to fulfill the Humanities Elective I, students can select one of the following to fulfill the Humanities Elective II: philosophy, foreign language, English, communications, or any other humanities course designated "HM" except HM60.
- 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.

† This requirement cannot be fulfilled by EG33 or EG55.

‡ To be selected from AN11, AN20, AN21, AN31, AN50, AN55, GY15, GY16, GY17, HS51, HS57, HS90 or PO40.

NOTES: 1) *No more than 17 credits from any one discipline (e.g., SO, MA, TH) can be used to fulfill requirements.*
 2) *Students planning to transfer to a SUNY four-year institution are strongly advised to take HS33 or HS34 as one of their social sciences, liberal arts and sciences or unrestricted electives, and to take at least one semester of a foreign language to fulfill a humanities, liberal arts and sciences or unrestricted elective. The SUNY core General Education requirements are explained on page 90 of this catalog.*
 3) *Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.*

REQUIRED CREDIT DISTRIBUTION

English	9 credits
Humanities	6-12 credits
Foreign Language	0-6 credits
Social Sciences	15 credits
(at least 6 credits must be in history)	
Mathematics and Science	13-16 credits
Liberal Arts and Sciences Elective	3-4 credits
Unrestricted Electives	9-12 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

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

Hegis Code - 5649
Ammerman / 100

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, English, foreign language and philosophy. Each option provides students with a solid background for transfer to baccalaureate programs in a chosen field.

Admission Procedures and Requirements

Entering students should have an 80 or above high school average. Students already enrolled in college should demonstrate a minimum 3.0 GPA and can be admitted fall or spring. Students who do not meet the admission criteria may be admitted on a provisional basis.

CINEMA STUDIES OPTION / 100-2

FIRST SEMESTER: 16.5 credits	Credits
OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
ID11: Civilization: The Human Experience I or HS11: Western Civilization I	3
*♦ Foreign Language	3
**♦ Communications Elective	3
♦ CN17: Cinema Studies I : From Kinetoscopes to Kane	3
SECOND SEMESTER: 16-17 credits	
♦ EG13: Introduction to Literature	3
ID12: Civilization: The Human Experience II or HS12: Western Civilization II	3
*♦ Foreign Language	3
♦ CN18: Cinema Studies II : From Noir to Now	3
*** Mathematics Elective	3-4
Physical Education	1
THIRD SEMESTER: 17 credits	
Laboratory Science Elective	4
♦ Cinema Studies Elective	3
♦ Philosophy Elective	3
♦ CN21: American Cinema	3
† American History Elective	3
Physical Education	1
FOURTH SEMESTER: 15-16 credits	
Mathematics/Laboratory Science Elective	3-4
♦ CN56: The Documentary Film	3
‡ Restricted Social Sciences Elective	3
§ VA/MU/TH Elective	3
Δ Humanities Core Course	3
TOTAL CREDITS REQUIRED: 64.5-66.5	
* Students are required to complete two semesters of a foreign language in sequence based on completion of prerequisite or fulfillment	

of equivalent high school placement requirements, as follows: Elementary I/Elementary II OR Elementary II/Intermediate I OR Intermediate I/Intermediate II OR Intermediate II/any advanced-level course.

- ** To be selected from CO11, CO12, CO15.
- *** One course: MA23, MA61 or higher.
- † One course to be chosen from HS33, HS34, PO25.
- ‡ A social sciences elective that deals with non-Western culture, to be chosen from the following: AN11, AN20, AN21, AN31, AN50, AN55, GY15, GY16, GY17, HS51, HS57, HS90, PO40.
- § One course to be selected from the following: VA11, VA12, VA13, VA17, VA18, VA19, VA20, VA24, VA30, VA33, VA35, VA55, VA59, VA60, VA61, VA71, VA81, VA90, VA91; MU11, MU16, MU17, MU23, MU24, MU26, MU40, MU41, MU51, MU54, MU55, MU72, MU73, MU74, MU91, MU92, MU95, MU98, MU99 (MU91-99 can be used only if they add up to four credits); TH11, TH21, TH25, TH41, TH42, TH45.
- Δ One course from the following: EG60, CO23, PL18 or HM28.
- ♦ These courses constitute the major courses in this curriculum.

NOTE: Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.

REQUIRED CREDIT DISTRIBUTION	
Cinema Studies	15 credits
English	6 credits
Foreign Language	6 credits
Social Sciences	12 credits
Mathematics and Science	10-12 credits
Humanities	12 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

COMMUNICATIONS OPTION / 100-4

FIRST SEMESTER: 16.5 credits Credits

- OS15: Freshman Seminar 1.5
- ◆ CO11: Introduction to Human Communication
or CO15: Public Speaking 3
 - EG11: Standard Freshman Composition ... 3
 - ◆ Philosophy Elective 3
 - ID11: Civilization: The Human Experience I
or HS11: Western Civilization I 3
 - *◆ Foreign Language 3

SECOND SEMESTER: 16-17 credits

- ◆ EG13: Introduction to Literature 3
- ** Mathematics Elective 3-4
- *◆ Foreign Language 3
- ID12: Civilization: The Human Experience II
or HS12: Western Civilization II 3
- ◆ Communications Elective 3
- Physical Education 1

THIRD SEMESTER: 17 credits

- Laboratory Science Elective 4
- ◆ Communications Electives (2 courses) 6
- ***◆ English Elective 3
- † American History Elective 3
- Physical Education 1

FOURTH SEMESTER: 15-16 credits

- ‡ Restricted Social Sciences Elective 3
- ◆ Communications Elective 3
- § VA/MU/TH Elective 3
- Mathematics/Laboratory Science Elective 3-4
- Δ◆ Humanities Core Course 3

TOTAL CREDITS REQUIRED: 64.5-66.5

* Students are required to complete two semesters of a foreign language **in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements**, as follows: Elementary I/Elementary II OR Elementary II/Intermediate I OR Intermediate I/Intermediate II OR Intermediate II/any advanced-level course.

** One course: MA23, MA61 or higher.

*** Any 3-credit English course above EG13 except EG33 or EG55.

† One course to be chosen from HS33, HS34, PO25.

‡ A social sciences elective that deals with non-Western culture, to be chosen from the following: AN11, AN20, AN21, AN31, AN50, AN55, GY15, GY16, GY17, HS51, HS57, HS90, PO40.

§ One course to be selected from the following: VA11, VA12, VA13, VA17, VA18, VA19, VA20, VA24, VA30, VA33, VA35, VA55, VA59, VA60, VA61, VA71, VA81, VA90, VA91; MU11, MU16, MU17, MU23, MU24, MU26, MU40, MU41, MU51, MU54, MU55, MU72, MU73, MU74, MU91, MU92, MU95, MU98, MU99 (MU91-99 can be used only if they add up to four credits);

TH11, TH21, TH25, TH41, TH42, TH45.

Δ One course from the following: EG60, CO23, PL18 or HM28.

◆ These courses constitute the major courses in this curriculum.

NOTE: *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.*

REQUIRED CREDIT DISTRIBUTION

Communications	15 credits
English	9 credits
Foreign Language	6 credits
Social Sciences	12 credits
Mathematics and Science	10-12 credits
Humanities	9 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

ENGLISH OPTION / 100-1

FIRST SEMESTER: 16.5 credits Credits

- OS15: Freshman Seminar 1.5
- EG11: Standard Freshman Composition ... 3
- ID11: Civilization: The Human Experience I
or HS11: Western Civilization I 3
- *◆ Foreign Language 3
 - **◆ Communications Elective 3
 - ◆ Humanities Elective 3

SECOND SEMESTER: 16-17 credits

- ◆ EG13: Introduction to Literature 3
- ID12: Civilization: The Human Experience II
or HS12: Western Civilization II 3
- *◆ Foreign Language 3
- Ω◆ English Elective 3
- ***◆ Mathematics Elective 3-4
- Physical Education 1

THIRD SEMESTER: 17 credits

- Laboratory Science Elective 4
- ◆ Philosophy Elective 3
- Ω◆ English Elective 3
- † American History Elective 3
- ‡ Restricted Social Sciences Elective 3
- Physical Education 1

FOURTH SEMESTER: 15-17 credits

- Mathematics/Laboratory Science Elective 3-4
- Ω◆ English Electives (2 courses) 6
- § VA/MU/TH Elective 3-4
- Δ◆ Humanities Core Course 3

TOTAL CREDITS REQUIRED: 64.5-67.5

* Students are required to complete two semesters of a foreign language **in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements**, as follows: Elementary I/Elementary II OR Elementary II/Intermediate I OR Intermediate I/Intermediate II OR Intermediate II/any advanced-level course.

- ** To be selected from CO11, CO12, CO15.
- *** One course: MA23, MA61 or higher.
- † One course to be chosen from HS33, HS34, PO25.
- ‡ A social sciences elective that deals with non-Western culture, to be chosen from the following: AN11, AN20, AN21, AN31, AN50, AN55, GY15, GY16, GY17, HS51, HS57, HS90, PO40.
- § One course to be selected from the following: VA11, VA12, VA13, VA17, VA18, VA19, VA20, VA24, VA30, VA33, VA35, VA55, VA59, VA60, VA61, VA71, VA81, VA90, VA91; MU11, MU16, MU17, MU23, MU24, MU26, MU40, MU41, MU51, MU54, MU55, MU72, MU73, MU74, MU91, MU92, MU95, MU98, MU99 (MU91-99 can be used only if they add up to four credits); TH11, TH21, TH25, TH41, TH42, TH45.
- Ω At least one of these courses must be a literature course. EG33 or EG55 do not count as English electives.
- Δ One course from EG60, CO23, PL18 or HM28.
 - ◆ These courses constitute the major courses in this curriculum.

NOTE: *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.*

REQUIRED CREDIT DISTRIBUTION

English	18 credits
Foreign Language	6 credits
Social Sciences	12 credits
Mathematics and Science	10-12 credits
Humanities	15 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

FOREIGN LANGUAGE OPTION / 100-5

FIRST SEMESTER: 16.5 credits

Credits

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
ID11: Civilization: The Human Experience I or HS11: Western Civilization I	3
*◆ Foreign Language	3
**◆ Communications Elective	3
◆ Humanities Elective	3

SECOND SEMESTER: 16-17 credits

◆ EG13: Introduction to Literature	3
ID12: Civilization: The Human Experience II or HS12: Western Civilization II	3
*◆ Foreign Language	3
§◆ VA/MU/TH Elective	3
*** Mathematics Elective	3-4
Physical Education	1

THIRD SEMESTER: 17 credits

Laboratory Science Elective	4
Ω English Elective	3
◆ Philosophy Elective	3
*◆ Foreign Language	3
† American History Elective	3
Physical Education	1

FOURTH SEMESTER: 15-16 credits

*◆ Foreign Language	3
Mathematics/Laboratory Science Elective	3-4
◆ Foreign Language Elective	3
‡ Restricted Social Sciences Elective	3
Δ◆ Humanities Core Course	3

TOTAL CREDITS REQUIRED: 64.5-66.5

* Students are required to complete four semesters of foreign language in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements, as follows: Elementary I/Elementary II/Intermediate I/Intermediate II/Advanced-Level courses.

- ** To be selected from CO11, CO12, CO15.
- *** One course: MA23, MA61 or higher.
- † One course to be chosen from HS33, HS34, PO25.
- ‡ A social sciences elective that deals with non-Western culture, to be chosen from the following: AN11, AN20, AN21, AN31, AN50, AN55, GY15, GY16, GY17, HS51, HS57, HS90, PO40.
- § One course to be selected from the following: VA11, VA12, VA13, VA17, VA18, VA19, VA20, VA24, VA30, VA33, VA35, VA55, VA59, VA60, VA61, VA71, VA81, VA90, VA91; MU11, MU16, MU17, MU23, MU24, MU26, MU40, MU41, MU51, MU54, MU55, MU72, MU73, MU74, MU91, MU92, MU95, MU98, MU99 (MU91-99 can be used only if they add up to four credits); TH11, TH21, TH25, TH41, TH42, TH45.
- Ω Any 3-credit English course above EG13 except EG33 or EG55.
- Δ One course from EG60, CO23, PL18 or HM28.
 - ◆ These courses constitute the major courses in this curriculum.

NOTE: *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.*

REQUIRED CREDIT DISTRIBUTION

Foreign Language	15 credits
English	9 credits
Social Sciences	12 credits
Mathematics and Science	10-12 credits
Humanities	15 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

PHILOSOPHY OPTION / 100-3

FIRST SEMESTER: 16.5 credits

Credits

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
ID11: Civilization: The Human Experience I or HS11: Western Civilization I	3
*◆ Foreign Language	3
**◆ Communications Elective	3
†◆ Philosophy Elective	3

continued on next page

SECOND SEMESTER: 16-17 credits

- ◆ EG13: Introduction to Literature3
- ID12: Civilization: The Human Experience II
or HS12: Western Civilization II3
- *◆ Foreign Language3
- †◆ Philosophy Elective3
- *** Mathematics Elective.....3-4
- Physical Education.....1

THIRD SEMESTER: 17 credits

- Laboratory Science Elective4
- †◆ Philosophy Electives (2 courses)6
- §◆ VA/MU/TH Elective.....3
- **** American History Elective3
- Physical Education.....1

FOURTH SEMESTER: 15-16 credits

- Mathematics/Laboratory Science Elective3-4
- †◆ Philosophy Elective3
- Ω◆ English Elective3
- ‡ Restricted Social Sciences Elective.....3
- Δ◆ Humanities Elective.....3

TOTAL CREDITS REQUIRED: 64.5-66.5

- * Students are required to complete two semesters of a foreign language **in sequence based on completion of prerequisite or fulfillment of equivalent high school placement requirements**, as follows: Elementary I/Elementary II OR Elementary II/Intermediate I OR Intermediate I/Intermediate II OR Intermediate II/any advanced-level course.
- ** To be selected from CO11, CO12, CO15.
- *** One course: MA23, MA61 or higher.
- **** One course to be chosen from HS33, HS34, PO25.

† 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 (PL14: Critical Thinking; PL15: Logic)
- II. Values (PL20: Philosophy of Art; PL23: Ethics; PL24: Biomedical Ethics; PL25: Business Ethics)
- III. History (PL17: History of Philosophy; PL18: World Philosophies)

‡ A social sciences elective that deals with non-Western culture, to be chosen from the following: AN11, AN20, AN21, AN31, AN50, AN55, GY15, GY16, GY17, HS51, HS57, HS90, PO40.

§ One course to be selected from the following: VA11, VA12, VA13, VA17, VA18, VA19, VA20, VA24, VA30, VA33, VA35, VA55, VA59, VA60, VA61, VA71, VA81, VA90, VA91; MU11, MU16, MU17, MU23, MU24, MU26, MU40, MU41, MU51, MU54, MU55, MU72, MU73, MU74, MU91, MU92, MU95, MU98, MU99 (MU91-99 can be used only if they add up to four credits); TH11, TH21, TH25, TH41, TH42, TH45.

Ω Any 3-credit English course above EG13 except EG33 or EG55.

Δ One course from EG60, CO23, PL18 or HM28.

◆ These courses constitute the major courses in this curriculum.

NOTE: *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.*

REQUIRED CREDIT DISTRIBUTION

Philosophy	15 credits
English	9 credits
Foreign Language	6 credits
Social Sciences	12 credits
Mathematics and Science.....	10-12 credits
Humanities.....	9 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

LIBERAL ARTS AND SCIENCES: INTERNATIONAL STUDIES EMPHASIS / A.A. DEGREE

Hegis Code - 5649

Ammerman - Eastern - Grant / 110

This curriculum is designed to prepare students for transfer to a four-year college or university to pursue a baccalaureate degree in some area of international studies. The program is part of a larger education movement which recognizes the need to respond to the globalization of the economy, the interdependence of nations and peoples, and the growth of international political institutions. Students in this program will ultimately seek careers in government or the private sector with an international orientation or emphasis.

There are three options or areas of specialization within the program: business, humanities and social science. The study of foreign languages is an important component of the program. Foreign travel and learning about foreign cultures are also encouraged.

Admission Procedures and Requirements

For entering students, the minimum requirement for admission is an 80 high school average. Students already enrolled in college need 12 credits with a 3.0 GPA or better.

FIRST SEMESTER: 17.5 Credits	<i>Credits</i>
OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition . . . . .	.3
CO11: Introduction to Human Communication or CO15: Public Speaking . . . . .	.3
*♦ Foreign Language Elective . . . . .	.3
CS11: Introduction to Computing . . . . .	.4
MA23: Statistics I . . . . .	.3
SECOND SEMESTER: 17 Credits	
EG13: Introduction to Literature . . . . .	.3
*♦ Foreign Language Elective . . . . .	.3
Laboratory Science Elective . . . . .	.4
♦ AN11: Cultural Anthropology . . . . .	.3
♦ Option Elective (see below) . . . . .	.3
Physical Education . . . . .	.1
THIRD SEMESTER: 19 credits	
♦ Option Elective (see below) . . . . .	.3
EK22: Microeconomics: Prices and Markets . . . . .	.3
♦ BA62: Fundamentals of International Business . . . . .	.3
*♦ Foreign Language Elective . . . . .	.3
♦ GY15: World Regional Geography . . . . .	.3
Liberal Arts Elective . . . . .	.3
Physical Education . . . . .	.1
FOURTH SEMESTER: 15 credits	
♦ Option Elective (see below) . . . . .	.3
♦ HS51: Major World Cultures . . . . .	.3
*♦ Foreign Language Elective . . . . .	.3
**♦ Restricted Social Sciences Elective . . . . .	.3
***♦ International Placement . . . . .	.3

Business Option / 110-1

9 credits	
BD57: Marketing . . . . .	.3
♦ BD80: International Marketing . . . . .	.3
♦ BA63: Fundamentals of Exporting and Importing . . . . .	.3

Humanities Option / 110-2

9 credits	
♦ EG60: Contemporary Global Literature . . . . .	.3
♦ PL18: World Philosophies . . . . .	.3
†♦ Humanities Elective . . . . .	.3

Social Sciences Option / 110-3

9 credits	
HS11: Western Civilization I or HS12: Western Civilization II . . . . .	.3
♦ HS22: Modern World History . . . . .	.3
♦ PO40: World Politics . . . . .	.3

TOTAL CREDITS REQUIRED: 68.5

* Students must complete 12 credits in a foreign language sequence, at least to the level of Intermediate II (i.e., FR52, GE52, IT52, SP52). Students who enter with advanced placement beyond Intermediate II must take advanced courses in the same language. An exception applies to students who have achieved a high school diploma (or equivalent) or a more advanced degree in a non-English speaking country, in which event they may be eligible to substitute other humanities courses for the foreign language requirement, pending department approval. Students who have completed a foreign language sequence/course at SCCC for which the college does not offer more advanced courses must take the remaining required language credits in another foreign language.

** The restricted social sciences elective must be chosen from the following: HS11, HS12, HS22, PO40, AN20.

*** Business Option students fulfill the international placement requirement with BU80. If funds or arrangements are not available, students in the Business Option may meet the requirement with business electives approved by the business administration academic chair. Students in the Humanities and Social Science Options may meet the requirement with restricted electives in their respective disciplines upon consultation with an academic advisor.

† Humanities electives must be chosen from the following: CO23, EG59, EG85, EG86, VA17, VA18, VA19, MU16, MU17, MU55.

◆ These courses constitute the major courses in this curriculum.

NOTES: 1) *If a student has already taken all the restricted electives in an option, then he or she may take any*

elective in liberal arts or business to fulfill curriculum requirements. 2) This curriculum is currently not offered in its entirety at the Eastern Campus. (3) Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.

REQUIRED CREDIT DISTRIBUTION

English	6-9 credits
Foreign Language	12 credits
Social Sciences	12-15 credits
Humanities.....	3-9 credits
History	3-9 credits
Mathematics and Science.....	7 credits
Business and Computer Science.....	7-16 credits
International Placement	3 credits
Liberal Arts Elective	3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

LIBERAL ARTS AND SCIENCES: MATHEMATICS EMPHASIS / A.A. DEGREE

Hegis Code - 5649
Ammerman / 102-1

This curriculum is designed for students who intend to pursue studies at a four-year college in mathematics or related fields. The three-semester sequence in calculus (MA87, 88 and 89) represents the core courses of this program. The remaining electives, which will be chosen in consultation with the student's mathematics faculty advisor, provide students the opportunity to direct their studies toward their future educational goals.

Admission Procedures and Requirements

Entering students should have an 80 high school average, with four years of math completed including Math 12. Students already enrolled in college need to have completed MA61 with a C or better. Students are admitted on a rolling basis, fall and spring. Most students who meet minimum requirements will be admitted. Note that students who do not meet the admission criteria may be admitted on a provisional basis.

SUGGESTED FIRST-YEAR PROGRAM:

33.5 credits *Credits Each Semester*

OS15: Freshman Seminar	1.5	-
EG11: Standard Freshman Composition and EG13: Introduction to Literature	3	3
Social Sciences Electives	3	3
Humanities Elective.	3	-
♦ MA87: Calculus with Analytic Geometry I	4	-
♦ MA88: Calculus with Analytic Geometry II.	-	4
* Science Elective	-	4
Liberal Arts and Sciences Elective	3	-
Physical Education.	1	1

SUGGESTED SECOND-YEAR PROGRAM:

32-34 credits *Credits Each Semester*

** History Elective	-	3
Humanities Electives	3	3
* Science Elective.	4	-
♦ MA89: Calculus with Analytic Geometry III	4	-
***♦ Mathematics Electives	3-4	3-4
Liberal Arts and Sciences Electives	3	6

TOTAL CREDITS REQUIRED 65.5-67.5

- * Recommended: PH71, 72, 73, 74 or CH33-34
 - ** To be selected from: HS11, HS12, HS22, HS33, HS34, HS51, HS57, HS90.
 - *** Students must complete MA90 or MA93.
 - ♦ These courses constitute the major courses in this curriculum.
- NOTE: *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.*

REQUIRED CREDIT DISTRIBUTION

English	6 credits
Humanities.	9 credits
Social Sciences	9 credits
Science.	8 credits
Mathematics.	18-20 credits
Liberal Arts and Sciences.	12 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

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

Hegis Code - 5649

Ammerman - Eastern - Grant / 200

Admission Procedures and Requirements

Entering students must have a minimum high school average of 80 including three years of science and Mathematics A and B. Students already enrolled in college need MA27. 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 AMMERMAN-EASTERN-GRANT / 200-1

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

- Credits SUBJECT AREA*
- 1.5 OS15: Freshman Seminar
 - 6 ENGLISH
 - EG11: Standard Freshman Composition and EG13: Introduction to Literature
 - 9 HUMANITIES
 - Three humanities electives
 - 9 SOCIAL SCIENCES
 - Three social sciences electives, including one history elective to be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57, HS90
 - 8 MATHEMATICS
 - MA88 must be satisfactorily completed
 - 2 PHYSICAL EDUCATION
 - ♦12 BIOLOGY
 - BY50 and BY52 should be taken first and then at least one other course selected from the following: BY20, 62, 69, 70, 72
 - ♦8 CHEMISTRY
 - CH33-34: College Chemistry I and College Chemistry II
 - ♦14-18 LIBERAL ARTS/SCIENCE
 - Either CH55-56 or PH53-54 or PH71-74 must be included in these electives

NOTES: 1) CH55-56 and PH71-74 are not offered on the Eastern and Grant campuses; PH53-54 are not offered on the Eastern Campus. 2) Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.

TOTAL CREDITS: 69.5-73.5

ENVIRONMENTAL SCIENCE/FORESTRY OPTION AMMERMAN-EASTERN-GRANT / 200-2

This option is designed for, but not limited to, students intending to transfer to the SUNY College of Environmental Science and Forestry at Syracuse to major in Environmental Resource Management. Students who wish to pursue careers in landscape architecture, environmental planning or environmental analysis should consult an Environmental Science faculty advisor.

- Credits SUBJECT AREA*
- 1.5 OS15: Freshman Seminar
 - 6 ENGLISH
 - EG11: Standard Freshman Composition and EG21: Technical Writing
 - 9 HUMANITIES
 - CO11: Introduction to Human Communication and two humanities electives
 - 9 SOCIAL SCIENCES
 - Three social sciences electives, to be selected from SO11, PO20, EK21, EK22, and one history elective to be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57 and HS90
 - 8 MATHEMATICS
 - MA88 must be satisfactorily completed
 - 2 PHYSICAL EDUCATION
 - ♦31 SCIENCE
 - BY20, BY50-52, CH33-34, PH71-72, PH73-74, SE28

TOTAL CREDITS REQUIRED: 66.5

CHEMISTRY OPTION AMMERMAN / 200-3

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

Credits SUBJECT AREA*

- 1.5 OS15: Freshman Seminar
- 6 ENGLISH
EG11: Standard Freshman Composition and EG13: Introduction to Literature
- 9 HUMANITIES
Three humanities electives
- 9 SOCIAL SCIENCES
Three social sciences electives, including one history elective to be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57 and HS90
- 8 MATHEMATICS
MA88 must be satisfactorily completed
- 2 PHYSICAL EDUCATION
- ♦18 CH33-CH34, CH55-CH56
- ♦14-16 LIBERAL ARTS/SCIENCE
PH71-74 must be included in these electives

NOTE: CH55-56 and PH71-74 are not offered on the Eastern and Grant campuses.

TOTAL CREDITS REQUIRED: 67.5-69.5

**EARTH AND SPACE SCIENCE OPTION
AMMERMAN**

This option is for students planning a career in scientific research, applied science or the teaching of science in schools and colleges. Upon successful completion of this program, graduates usually transfer as juniors to four-year colleges where they pursue the baccalaureate degree before proceeding to graduate school and professional study in their chosen field. Separate sequences are offered in astronomy, geology and meteorology, as described below.

REQUIRED CORE COURSES

Credits SUBJECT AREA*

- 1.5 OS15: Freshman Seminar
- 6 ENGLISH
EG11: Standard Freshman Composition and EG13: Introduction to Literature
- 9 HUMANITIES
Three humanities electives
- 9 SOCIAL SCIENCES
Three social sciences electives, including one history elective to be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57 and HS90
- 8 MATHEMATICS
MA88 must be satisfactorily completed
- 2 PHYSICAL EDUCATION
- ♦12-14 LIBERAL ARTS/SCIENCE
- ♦16-24 SCIENCE (see sequences below)

ASTRONOMY SEQUENCE / 200-4

- ES21, 22, 57
- PH71-72 (MA87 must be completed first)
- PH73-74 (MA88 and PH71-72 must be completed first)

GEOLOGY SEQUENCE / 200-6

- CH33-34, ES15-16, PH53-54

METEOROLOGY SEQUENCE / 200-7

- ES17-18
- PH71-72 (MA87 must be completed first)
- PH73-74 (MA88 and PH71-72 must be completed first)

NOTE: PH53-54 and PH71-74 are not offered on the Eastern Campus; ES18 and PH71-74 are not offered on the Grant Campus.

TOTAL CREDITS REQUIRED: 63.5-73.5

**PHYSICS OPTION
AMMERMAN / 200-5**

The Physics Option is for students planning a career in scientific research, applied science or science teaching. Graduates of this program usually transfer as juniors to four-year colleges where they pursue the baccalaureate degree before proceeding to graduate school and professional study in their chosen field.

Credits SUBJECT AREA*

- 1.5 OS15: FRESHMAN SEMINAR
- 6 ENGLISH
EG11: Standard Freshman Composition and EG13: Introduction to Literature
- 9 HUMANITIES
Three humanities electives
- 9 SOCIAL SCIENCES
Three social sciences electives, including one history elective to be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57 and HS90
- 16 MATHEMATICS
MA87-88-89-90
- 2 PHYSICAL EDUCATION
- ♦16 PHYSICS
PH71-72 (MA 87 must be completed first)
PH73-74 (MA88 and PH71-72 must be completed first)
PH75-76 (MA90 and PH73-74 must be completed first; MA89 is a corequisite)
PH77-78 (PH75-76 are corequisites)
- ♦9-11 LIBERAL ARTS/SCIENCE
Recommended Electives:
EN18, EN19, CH33, CH34

TOTAL CREDITS REQUIRED: 68.5-70.5

- * Many courses have prerequisites (courses or skills that must be completed or attained). These prerequisites, which must be completed before a course is taken, are listed in the course descriptions.
- ♦ These courses constitute the major courses in this curriculum.

NOTE: Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.

REQUIRED CREDIT DISTRIBUTION

English	6 credits
Humanities	9 credits
History	3 credits
Social Sciences	6 credits
Mathematics	7-16 credits
Biology	0-20 credits
Biotechnology	0-17 credits

Chemistry	0-18 credits
Earth and Space Science	0-12 credits
Physics	0-16 credits
Engineering	0-9 credits
Environment	0-3 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

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

Hegis Code - 5649

Ammerman - Eastern - Grant / 101

This program is for students who plan careers in such areas as law, government, social work, teaching social studies on the secondary level, or who plan to major in history, political science, psychology, sociology or economics when they transfer to a four-year institution to complete the requirements for the baccalaureate degree.

Admission Procedures and Requirements

Entering students should have a minimum high school average of 80 with Mathematics A completed. Students already enrolled in college should have completed MA06 or MA07. Students are admitted on a rolling basis with most students meeting minimum standards admitted. Note that students who do not meet the admission criteria may be admitted on a provisional basis.

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SUGGESTED FIRST-YEAR PROGRAM:

34.5-35.5 credits *Credits Each Semester*

OS15: Freshman Seminar	1.5	-
EG11 and EG13	3	3
• HS11 and HS12 or ID11 and ID12	3	3
* Foreign Language	3	3-4
• Social Sciences Option Courses (see below)	3	3
** MA23: Statistics	3	-
** Laboratory Science Elective	-	4
Physical Education	1	1

SUGGESTED SECOND-YEAR PROGRAM:

31-33 credits

English Electives	3	3
CO11, CO12 or CO15	3	-
CS11: Introduction to Computing	-	4
** Science or Mathematics Electives	3-4	3-4
• Social Sciences Option Courses (see below)	3	3
• Social Sciences Electives	3	3

OPTIONS

Each of the options listed below allows the student the opportunity to focus on and explore a particular social science. By selecting an option, the student is afforded the opportunity to gain both a level of depth traditionally associated with the first two years of college and to acquire the necessary background to transfer to a four-year college as a major. All students enrolling in the curriculum must select an option.

PSYCHOLOGY OPTION¹ / 101-1

Semester I	Semester II	Semester III	Semester IV
PC11	PC60	PC80	PC elective

SOCIOLOGY/ANTHROPOLOGY OPTION / 101-2

Semester I	Semester II	Semester III	Semester IV
SO11	AN11 or AN21	SO33	SO/AN elective

HISTORY OPTION / 101-3

Semester I	Semester II	Semester III	Semester IV
HS33	HS34	GY15	HS/PO/GY elective

POLITICAL SCIENCE OPTION² / 101-4

Semester I	Semester II	Semester III	Semester IV
PO15	PO25	PO40	PO elective

ECONOMICS OPTION³ / 101-5

Semester I	Semester II	Semester III	Semester IV
EK21	EK22	EK55	EK/PO elective

TOTAL CREDITS REQUIRED: 65.5-68.5

* Students must complete Foreign Language 12 or equivalent. Those who place out of Foreign Language 12 (FR12, FR13, GE12, IT12, IT13, SP12 or SP13) must, in consultation with an advisor, choose from any of the following courses:

- FR (French, intermediate level)
- GE (German, intermediate level)
- IT (Italian, intermediate level)
- SP (Spanish, intermediate level)
- SL10 (American Sign Language I)
- Any humanities course

** Students must complete four semester-length courses in science and mathematics, including at least one 4-credit laboratory science course. The third and fourth courses may be in either science or mathematics. No portion of this category may be satisfied by MA01, MA06 or MA07.

¹ It is recommended that students enrolled in the Psychology Option take BY14 and MA36 as their math/science electives.

² It is recommended that students enrolled in the Political Science Option take MA36 as one of their math/science electives.

³ It is recommended that students enrolled in the Economics Option take MA36 and MA64 as their math/science electives. Please note that MA61 is a prerequisite for MA64.

◆ These courses constitute the major courses in this curriculum.

NOTE: *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.*

REQUIRED CREDIT DISTRIBUTION

English	12 credits
Foreign Language, Humanities and/or American Sign Language	9-10 credits
Computer Science	4 credits
Mathematics and Science	13-15 credits
Social Sciences	24 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

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

Hegis Code - 5622 Ammerman / 109-1

This program provides a sequential course of study for all students interested in learning about the achievements of women; the images of women conveyed by the arts, philosophy and language; the needs of women in the twenty-first century; and the ideas that encompass our society's rapidly changing expectations for women and men. Students will also receive a general education and begin studies in another specialized area. In addition to providing personal enrichment, this program will assist students in embarking on a career or help them discover related areas of interest to pursue at a four-year college.

Students should discuss their educational and career plans with a designated counselor or faculty advisor.

FIRST SEMESTER: 17.5-18.5 credits Credits

- ♦ WS12: Women's Seminar. 1.5
- EG11: Standard Freshman Composition . . . 3
- CO11: Introduction to Human
Communication
or CO12: Interpersonal Communication
or CO15: Public Speaking. 3
- ID11: Civilization: The Human
Experience I
or HS11: Western Civilization I. 3
- ♦ HM46: Sexism and the Humanities. 3
- Mathematics Elective. 3-4
- Physical Education. 1

SECOND SEMESTER: 17 credits

- EG13: Introduction to Literature 3
- Laboratory Science Elective 4
- ID12: Civilization: The Human
Experience II
or HS12: Western Civilization II 3
- ♦ PL32: Philosophy of Human Liberation . . . 3
- Social Sciences Elective 3
- Physical Education. 1

THIRD SEMESTER: 15-16 credits

- *♦ Restricted Humanities Elective 3
- ** Restricted Social Sciences Elective. 3-4
- Mathematics/Science Elective. 3-4
- Unrestricted Elective 3
- VA/MU/TH Elective. 3

FOURTH SEMESTER: 15-16 credits

- English Elective (excluding
EG33 and EG55). 3
- Mathematics/Science Elective. 3-4
- Humanities Elective. 3
- ***♦ SO55: Sociology of Gender
or HS38: Women's Role in American
History. 3
- Unrestricted Elective 3

TOTAL CREDITS REQUIRED: 64.5-67.5

- * Elective must be selected from the following:
HM44, HM48, HM49, HM52, HM60.
- ** A social sciences elective that deals with
non-Western culture, to be chosen from the
following: AN11, AN20, AN21, AN31, AN50,
AN55, GY15, GY16, GY17, HS51, HS57, HS90,
PO40.
- *** SO11 is a prerequisite for SO55. Students who
plan to take SO55 should also plan to take SO11
in one of the preceding semesters. SO11 could
be taken as the social sciences elective in the
second semester or as an unrestricted elective
in the third semester.
- ♦ These courses constitute the major courses in
this curriculum.

NOTE: *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.*

REQUIRED CREDIT DISTRIBUTION

- English 9 credits
- Social Sciences 12 credits
- Women's Studies 12 credits
- Mathematics/Science 13-16 credits
- Communications. 3 credits
- Visual Art/Music/Theatre. 3 credits
- Humanities. 3 credits
- Unrestricted Electives. 6 credits
- Women's Seminar 1.5 credits
- Physical Education 2 credits

MUSIC / A.S. DEGREE

Hegis Code - 5610 Ammerman / 206-1

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.

FIRST SEMESTER: 18.5-19.5 Credits

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
♦ MU26: Aural Skills I	3
♦ MU41: Music Theory I (Diatonicism)	3
* MU87: Piano I	2
** Performance Ensemble	2
Math Elective	3-4
Physical Education	1

SECOND SEMESTER: 18 credits

EG13: Introduction to Literature	3
♦ MU27: Aural Skills II	3
♦ MU42: Music Theory II (Diatonicism)	3
* MU88: Piano II	2
** Performance Ensemble	2
Lab Science Elective	4
Physical Education	1

THIRD SEMESTER: 18 credits

♦ MU16: Music History I	3
♦ MU28: Aural Skills III	3
♦ MU43: Music Theory III	3
Humanities Elective	3
Social Sciences Elective	3
*** History Elective	3

FOURTH SEMESTER: 15 credits

♦ MU17: Music History II	3
♦ MU29: Aural Skills IV	3
♦ MU44: Music Theory IV	3
Humanities Elective	3
Social Sciences Elective	3

TOTAL CREDITS REQUIRED: 69.5-70.5†

* Students with extensive piano background may apply to have MU87 and MU88 waived and, with approval of the Music Department, substitute another music course.

** Students must successfully complete at least two performance courses.

*** To be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57, HS90.

† Each music major is required to take a minimum of 10 private lessons per semester without credit on his/her major instrument/voice. A performance examination is given at the end of each of four semesters. Examinations must be passed to qualify for the music degree.

♦ These courses constitute the major courses in this curriculum.

NOTE: *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.*

REQUIRED CREDIT DISTRIBUTION

English	6 credits
Humanities	6 credits
Social Sciences	9 credits
Math/Science	7-8 credits
Music	38 credits
Physical Education	2 credits
Freshman Seminar	1.5 credits

NOTE: The following performance ensembles are open to all students and do NOT require matriculation in the music curriculum. Each ensemble is 2 credits.

- MU91: Symphonic Band
- MU92: College Choir
- MU93: Suffolk Singers (requires MU92: College Choir as a corequisite)
- MU95: Jazz Ensemble
- MU97: Gospel Choir (requires MU92: College Choir as a corequisite)
- MU98: College Orchestra
- MU99: Guitar Ensemble

The following ensemble is restricted to students matriculated in the music curriculum:

- MU94: Contemporary Music Ensemble (2 credits)

NURSING / A.A.S. DEGREE

Hegis Code - 5208-10

Ammerman Day Program / 308-1

Ammerman Advanced Placement Day Program / 308-2

Ammerman Evening Program / 338-1

Grant Day Program / 348-1

Grant Advanced Placement Day Program / 348-5

Grant Evening Program / 347-1

This program leads to the Associate in Applied Science degree. A graduate of this program is eligible to take the NCLEX-RN examination for licensure as a Registered Professional Nurse.

The National League for Nursing Accrediting Commission (NLNAC) has accredited all the nursing programs. NLNAC can be reached at The National League for Nursing Accrediting Commission, 61 Broadway, New York, NY 10006; phone 800-669-1656 extension 153 or 212-363-5555/Fax 212-812-0390; Web site at <http://www.nlnac.org>.

Admission Procedures and Requirements

Prospective nursing students are advised to attend a Nursing Information Seminar. For further information contact the campus Admissions Office for dates and times.

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.

PROGRAM START DATES AND APPLICATION DEADLINES

<i>Program</i>	<i>Start Date</i>	<i>Application Deadline</i>	<i>Supporting Documentation Deadline</i>	<i>Maximum Time to Complete Requirements after Starting Program</i>
Ammerman Day Program	Fall Semester	January 1	January 31	4 years
Ammerman Advanced Placement Day Program (from LPN)	Spring Semester	June 1	June 30	4 years
Ammerman Evening Program	Fall Semester	January 1	January 31	5 years
Grant Day Program	Fall Semester	January 1	January 31	4 years
Grant Advanced Placement Day Program (from LPN)	Fall Semester	January 1	January 31	4 years
Grant Evening Program	Spring Semester	June 1	June 30	5 years

MINIMUM REQUIREMENTS FOR CONSIDERATION FOR ADMISSION	
Applicants Coming Directly from High School	80 academic average 80 in Regents biology and Regents chemistry (exam and course average) 80 in Mathematics A or its equivalent 21 score on ACT or 1000 score on SAT
Applicants Already Enrolled in College	3.0 cumulative grade point average for EG11, PC11, BY30 and BY32 All laboratory science courses (BY30, BY32, BY44) must have been completed within the ten years prior to submitting the application for admission Completion of BY44 with minimum grade of C (strongly recommended before taking the beginning nursing (NR) courses)
Licensed Practical Nurses (LPNs) Applying for Advanced Placement Program*	3.0 cumulative grade point average in EG11, PC11, BY30 and BY32 Completion of English (EG) elective and SO11 with minimum grade of C Completion of BY44 with minimum grade of C (strongly recommended)
Applicants with Advanced Degrees Who Do Not Meet Minimum Admission Requirements	May be considered on an individual basis
* Licensed Practical Nurses who have been formally accepted in the advanced placement program are required to take NR10, NR23, NR40, NR46 and NR48 but not NR15, NR33, NR36 and NR75.	

PLEASE NOTE: Prerequisites of high school chemistry and Mathematics A or their equivalent are required for BY30. CH19 is recommended for those without high school chemistry and MA06 or MA07 is recommended for those without Mathematics A. *A minimum grade of C must be earned for BY30, 32 and 44.*

For additional information about the Nursing Program, contact the Admissions office at 451-4414. General notes about the Nursing Program:

- Nursing courses require that students travel to a wide variety of hospitals and community agencies throughout Suffolk County.
- In addition to college health requirements, all full-time and part-time nursing students must meet the health requirements of the Nursing Department. These health requirements include an annual physical examination and proof of immunity. In addition, students must provide proof of successful completion of an American Heart Association Basic Life Support for Healthcare Providers course or an American Red Cross CPR (CardioPulmonary Resuscitation) for Professional Rescuers course, which must be submitted and maintained throughout each nursing course. CPR online courses will not be accepted. Failure to meet the above requirements will result in suspension from clinical laboratory until all requirements are met.
- All nursing students are required to have criminal background checks.
- Students need to meet safety and technical standards for nursing practice. This information is available in the Admissions Office, the *Nursing Handbook*, and on the Nursing Web page.
- Students admitted to the nursing program may be permitted to register for fewer than 12 credits provided they meet the prerequisite and corequisite requirements in the nursing curriculum.
- **Students must achieve a minimum passing grade of C in each science course (BY30, BY32 and BY44) and all nursing courses with a fieldwork (clinical) component in order to progress to the next course in the sequence and to qualify for graduation.** Students who receive grades less than C in two clinical nursing courses will be dismissed from the program. **If a student is failed from a clinical nursing course due to failure in the clinical portion of the course,**

continued on next page

he or she will receive an F for that course regardless of the time of the semester this failure occurs.

- Applicants to the nursing program may submit one CLEP or similar standardized test score in fulfillment of the EG11 or PC11 prerequisite. The CLEP score will not be computed as part of the grade point average for purposes of admission decisions. For students who submit more than one CLEP score, one score will be converted to a letter equivalent and computed as part of the grade point average.
- 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 convicted of a crime, 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.

Day Program

FIRST SEMESTER: 18.5 credits

	<i>Lec.</i>	<i>CT*</i>	<i>Lab</i>	<i>Cr.</i>
♦ NR15: Nursing Seminar	1	-	-	1.5
PC11: Introduction to Psychology	3	-	-	3
BY30: Anatomy and Physiology I	3	-	3	4
♦ NR20: Fundamentals of Nursing	4	6	2	7
♦ NR23: Health Assessment	2	-	2	3

SECOND SEMESTER: 19 credits

EG11: Standard Freshman Composition	3	-	-	3
SO11: Introduction to Sociology	3	-	-	3
BY32: Anatomy and Physiology II	3	-	3	4
♦ NR33: Adult Physical Health Nursing I	2.5	4.5	-	5
♦ NR36: Adult Mental Health Nursing	2.5	4.5	-	4

THIRD SEMESTER: 19 credits

PC60: Developmental Psychology	3	-	-	3
BY44: General Microbiology	3	-	4	4
♦ NR40: Adult Physical Health Nursing II	5	9	-	8
or				
♦ NR46: Child Health Nursing	2.5	4.5	-	4
and				
♦ NR48: Maternal/Child Health Nursing	2.5	4.5	-	4
English Elective	3	-	-	3
Physical Education	-	-	2	1

FOURTH SEMESTER: 16 credits

Humanities Elective	3	-	-	3
Unrestricted Elective	3	-	-	3
♦ NR46: Child Health Nursing	2.5	4.5	-	4
and				
♦ NR48: Maternal/Child Health Nursing	2.5	4.5	-	4
or				
♦ NR40: Adult Physical Health Nursing II	5	9	-	8
♦ NR75: Nursing: Past, Present and Future	1	-	-	1
Physical Education	-	-	2	1

TOTAL CREDITS REQUIRED: 72.5

* Clinical teaching.

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Nursing	37.5 credits
English	6 credits
Biology	12 credits
Social Sciences	9 credits
Humanities	3 credits
Unrestricted Elective	3 credits
Physical Education	2 credits

Evening Program

FIRST SEMESTER: 11.5 credits

	<i>Lec.</i>	<i>CT*</i>	<i>Lab</i>	<i>Cr.</i>
♦ NR15: Nursing Seminar	1.5	-	-	1.5
♦ NR20: Fundamentals of Nursing	4	6	2	7
SO11: Introduction to Sociology	3	-	-	3

SECOND SEMESTER: 11 credits

♦ NR23: Health Assessment	2	-	2	3
♦ NR33: Adult Physical Health Nursing I	2.5	4.5	-	5
English Elective	3	-	-	3

THIRD SEMESTER: 7 credits

PC60: Developmental Psychology	3	-	-	3
♦ NR36: Adult Mental Health Nursing	2.5	4.5	-	4

FOURTH SEMESTER: 8 credits

BY44: General				
Microbiology	3	-	4	4
♦ NR48: Maternal/Child				
Health Nursing	2.5	4.5	-	4

FIFTH SEMESTER: 8 credits

Unrestricted Elective	3	-	-	3
♦ NR46: Child Health				
Nursing	2.5	4.5	-	4
♦ NR75: Nursing: Past,				
Present and Future	1	-	-	1

SIXTH SEMESTER: 11 credits

Humanities Elective	3	-	-	3
♦ NR40: Adult Physical				
Health Nursing II	5	9	-	8

TOTAL CREDITS REQUIRED: 70.5**

- * Clinical teaching.
- ** Includes 14 credits for EG11, PC11, BY30 and BY32 taken prior to admission to the program.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Nursing	37.5 credits
English	6 credits
Biology	12 credits
Social Sciences	9 credits
Humanities	3 credits
Unrestricted Elective	3 credits

LPN Advanced Placement Program**FIRST SEMESTER: 3 credits**

	Lec.	CT.*	Lab.	Cr.
**♦ NR10: PN to RN				
Transition	-	-	-	3

SECOND SEMESTER: 11.5 credits

BY44: General				
Microbiology	3	-	4	4
♦ NR23: Health				
Assessment	2	-	2	3
***♦ NR24: LPN to RN				
Advanced Placement	2.5	3	2	4.5

THIRD SEMESTER: 11 credits

PC60: Developmental				
Psychology	3	-	-	3
♦ NR48: Maternal/Child				
Health Nursing	2.5	4.5	-	4
and				
♦ NR46: Child Health				
Nursing	2.5	4.5	-	4
or				
♦ NR40: Adult Physical				
Health Nursing II	5	9	-	8

FOURTH SEMESTER: 14 credits

Humanities Elective	3	-	-	3
Unrestricted Elective	3	-	-	3
♦ NR40: Adult Physical				
Health Nursing II	5	9	-	8
or				
♦ NR46: Child Health				
Nursing	2.5	4.5	-	4
and				
♦ NR48: Maternal/Child				
Health Nursing	2.5	4.5	-	4

TOTAL CREDITS REQUIRED: 70†

- * Clinical teaching.
- ** Restricted to Licensed Practical Nurses who have been provisionally accepted into the Advanced Placement Program. NR10 is comparable to a 3-credit course. Students are billed for 3 credit hours. Upon successful completion of the course and formal acceptance into the Advanced Placement Program, students are awarded 13.5 nursing credits for prior work and experience completed as a LPN.
- *** Required only for Advanced Placement students.
- † Includes 20 credits for EG11, SO11, PC11, BY30, BY32 and an English elective.
- ♦ These courses constitute the major courses in this curriculum.

NOTE: Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.

REQUIRED CREDIT DISTRIBUTION

Nursing	37 credits
English	6 credits
Biology	12 credits
Social Sciences	9 credits
Humanities	3 credits
Unrestricted Elective	3 credits

OCCUPATIONAL THERAPY ASSISTANT / A.A.S. DEGREE

Hegis Code - 5210

Grant / 391-1

The Occupational Therapy Assistant program is a two-year program that educates people for employment in the occupational therapy field of health care. An occupational therapy assistant (OTA) works under the supervision of a registered occupational therapist (OTR) as part of a health care team. The OTA works to restore and enhance the health of clients by facilitating occupation – the performance of purposeful activity in work, play and self-care.

Occupational therapy assistants help people perform activities that are meaningful to their lives. They work with individuals facing problems resulting from developmental impairment, physical disabilities, psychological impairment and aging. The OTA graduate can expect to find employment in diverse settings such as schools, hospitals, home settings, rehabilitation centers, day and residential treatment centers, community-based mental health centers, assisted living centers and many others.

The Occupational Therapy Assistant program is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA). AOTA is located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220. ACOTE may be reached by telephone at (301) 652-2682.

Graduates are qualified for New York State certification without examination. They are also eligible to sit for the national certification examination for the occupational therapy assistant administered by the National Board for Certification in Occupational Therapy (NBCOT). Information about state licensure may be obtained from the New York State Education Department, Office of the Professions, Division of Professional Licensing Services, State Education Building - 2nd Floor, 89 Washington Avenue, Albany, New York 12234. See footnote for additional information regarding licensure.

The OTA curriculum provides students with classroom, laboratory and fieldwork experience so that they understand the responsibilities of the profession and develop necessary skills to practice it.

Students must achieve a minimum grade of C in each occupational therapy assistant course in order to continue on to the next course in the sequence and to qualify for graduation with an occupational therapy assistant degree. Students are permitted to repeat only one OA course. Once students have entered the occupational therapy assistant curriculum, they will have a maximum of four years to complete the sequence.

Students are required to complete Level I Fieldwork as part of the class work for Occupational Therapy Media and Applications I, II and III. Students travel to community settings for Level I Fieldwork experiences outside of scheduled class times. The level II Fieldwork component, Clinical Practice I and II, consists of a minimum of 16 weeks of full-time work in a practice setting. Students have in-depth experiences in delivering occupational therapy services to clients with a variety of ages and conditions. Fieldwork for Clinical Practice I or Clinical Practice II may be delayed by mutual agreement between the college and the student. The American Occupational Therapy Association requires that all fieldwork be completed within 18 months of the completion of the academic portion of the program. If fieldwork is delayed, the date of graduation will be delayed accordingly.

Note: Students are required to attend a 10-week summer session after successfully completing the first academic year of the program. The summer course is offered only in this sequence and is a requirement for continuation as a third-semester student and for graduation within the stated timeline.

Admission Requirements and Procedures

Entering students must have successfully completed high school Mathematics A, laboratory biology and laboratory chemistry (B average) and have a high school average of 80 or higher.

For students already enrolled in college, minimum requirements for consideration for admission are completion of EG11, BY30 and PC11 with an average of 3.0 or better. *Please note that MA07 and CH19 or their equivalents are prerequisites for BY30.* Science courses directly related to the practice of occupational therapy (BY30 and BY32 or their transferred equivalents) must have been completed

within 10 years of admission to the program. *Completing BY30 and BY32 is strongly recommended prior to starting the program.* The admissions committee will also take into consideration the completion of BY32 and experience in a health care setting.

In addition to college health requirements, all occupational therapy students, full- and part-time, must meet the health requirements of the Occupational Therapy Assistant program.

The Occupational Therapy Assistant curriculum is a DAY program which begins in FALL only. The program is competitive. Applications for admission must be received by January 1. Contact the Grant Campus Admissions Office for more information.

FIRST SEMESTER: 18.5 credits *Credits*

- ♦ OA11: Introduction to Occupational Therapy3
- ♦ OA14: Clinical Conditions and Terminology2
- ♦ OA15: Human Occupation Across the Lifespan2
- EG11: Standard Freshman Composition3
- BY30: Anatomy and Physiology I4
- PC11: Introduction to Psychology3
- OS15: Freshman Seminar1.5

SECOND SEMESTER: 17 credits

- ♦ OA18: Occupational Therapy Media and Applications I4
- ♦ OA21: Occupational Therapy for Physical Dysfunctions2
- BY32: Anatomy and Physiology II4
- PC60: Developmental Psychology3
- HC44: Group Dynamics3
- Physical Education1

SUMMER SESSION: 4 credits

- *♦ OA23: Occupational Therapy Media and Applications II4

THIRD SEMESTER: 16-17 credits

- ♦ OA28: Occupational Therapy Media and Applications III4
- ♦ OA29: The Management Role of the Occupational Therapy Assistant2
- EG13: Introduction to Literature3
- HC22: Safety, First Aid and CPR3
- Mathematics Elective3-4
- Physical Education1

FOURTH SEMESTER: 15 credits

- ♦ OA35: Clinical Practice I6
- ♦ OA45: Clinical Practice II6
- Humanities Elective3

TOTAL CREDITS REQUIRED: 70.5-71.5

- * See NOTE above in introductory paragraphs.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Occupational Therapy Assistant	35 credits
Humanities (including English)	9 credits
Social Sciences	6 credits
Science and Mathematics	11-12 credits
Health Careers	6 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

Note: *A felony conviction may affect a graduate's ability to sit for the NBCOT certification examination or attain state licensure. Applicants with a felony background who would like to clarify their status may write NBCOT at 800 S. Frederick Avenue, Suite 200, Gaithersburg, MD 20877-4150 or telephone them at (301) 990-7979.*

OPHTHALMIC DISPENSING (VISION CARE TECHNOLOGY) / A.A.S. DEGREE*

Hegis Code - 5212
Grant / 389-1

This two-year program prepares students for employment in the vision care field. After completing the program, graduates will be eligible to sit for the New York State licensing examination in Ophthalmic Dispensing and for the certification examination for contact lens fitting.

An ophthalmic dispenser is broadly defined by the Commission on Opticianry as an individual who adapts and fits corrective eyewear/ophthalmic devices as prescribed by an ophthalmologist or optometrist. The student in this program will gain marketable skills in ophthalmic dispensing (including contact lenses and low vision), ophthalmic fabrication, clinical information collection and use, and ophthalmic office management.

The graduate will find a broad spectrum of employment possibilities in independent optical shops or retail chain settings, in cooperation with optometrists and ophthalmologists, or in related activities (e.g., sales and marketing of optical supplies and equipment, presentation of continuing education seminars).

The curriculum combines general and technical education with career development and clinical experience. In addition to liberal arts and sciences courses, the first year of the program provides preparation for the students' clinical work in the second year. After experience in the campus clinic, each student will spend a total of 120 hours in an external clinical setting under the supervision of a licensed ophthalmic dispenser.

Students must achieve a minimum passing grade of C in each ophthalmic dispensing course in order to progress to the next course in the sequence and qualify for graduation.

Students must purchase ophthalmic tools, lab coats and name tags for the second semester of the program. The approximate cost is \$350.00.

Admission Procedures and Requirements

All applicants should have successfully completed high school biology (with laboratory) and Mathematics A or their equivalents [at Suffolk County Community College, BY14 and MA07] and be eligible to take EG11 and MA27 in their first semester. Students are admitted on a rolling basis (FALL ONLY). Most students with minimum credentials are admitted. It is recommended that students apply by January 1.

Note that students who do not meet the admission criteria may be admitted on a provisional basis.

An evening/summer scheduling option is available in alternate years, if there is sufficient enrollment. See the suggested sequence below.

FIRST SEMESTER: 16.5 credits *Credits*

- EG11: Standard Freshman Composition3
- MA27: Algebra II4
- BY37: Anatomy and Physiology of the Eye .3
- ♦ OD11: Ophthalmic Dispensing I2
- ♦ OD13: Ophthalmic Materials I3
- OS15: Freshman Seminar1.5

SECOND SEMESTER: 17 credits

- PH37: Geometric and Physical Optics4
- ♦ OD15: Contact Lenses I3
- ♦ OD20: Ophthalmic Dispensing II3
- ♦ OD23: Ophthalmic Materials II3
- PC11: Introduction to Psychology3
- Physical Education1

THIRD SEMESTER: 16 credits

- ♦ OD25: Contact Lenses II3
- ♦ OD30: Ophthalmic Dispensing III3
- ♦ OD33: Ophthalmic Materials III3
- * English Elective3
- ** Communications Elective3
- Physical Education1

FOURTH SEMESTER: 18-19 credits

- ♦ OD35: Contact Lenses III3
- ♦ OD37: Principles of Refraction I3
- ♦ OD40: Ophthalmic Dispensing IV3
- ♦ OD48: Ophthalmic Externship3
- *** Social Sciences Elective3
- † Unrestricted Elective3-4

TOTAL CREDITS REQUIRED: 67.5-68.5

* A proposal for revising this curriculum is currently under consideration. Before enrolling in this curriculum, please consult the academic chair, academic dean or a counselor on the Grant Campus.

SEQUENCE OF COURSES: *The above model is a two-year course schedule for students meeting all program requirements and deciding to pursue full-time study. Those students requiring preparatory courses or those deciding to pursue part-time study should consult their faculty advisor for an appropriate sequence of courses. See suggested evening sequence below (available if enrollment warrants).*

**Suggested Evening Sequence
(three years including summers)**

FIRST SEMESTER: 9 credits *Credits*

- ♦ OD11: Ophthalmic Dispensing I 2
- ♦ OD13: Ophthalmic Materials I 3
- MA27: Algebra II 4

SECOND SEMESTER: 9 credits

- BY37: Anatomy and Physiology of the Eye . . 3
- ♦ OD20: Ophthalmic Dispensing II 3
- ♦ OD23: Ophthalmic Materials II 3

SUMMER SEMESTER I: 6 credits

- EG11: Standard Freshman Composition . . . 3
- ** Communications Elective 3

THIRD SEMESTER: 10 credits

- ♦ OD30: Ophthalmic Dispensing III 3
- PH37: Geometric and Physical Optics 4
- * English Elective 3

FOURTH SEMESTER: 9 credits

- ♦ OD15: Contact Lenses I 3
- ♦ OD33: Ophthalmic Materials III 3
- PC11: Introduction to Psychology 3

SUMMER SEMESTER II: 6-7 credits

- *** Social Sciences Elective 3
- † Unrestricted Elective 3-4

FIFTH SEMESTER: 9 credits

- ♦ OD25: Contact Lenses II 3
- ♦ OD40: Ophthalmic Dispensing IV 3
- ♦ OD48: Ophthalmic Externship 3

SIXTH SEMESTER II: 6-7 credits

- ♦ OD35: Contact Lenses III 3
- ♦ OD37: Principles of Refraction I 3

TOTAL CREDITS REQUIRED: 64-65

- * EG13 strongly recommended
- ** CO11 or CO12 strongly recommended
- *** Social Sciences elective: SO11 strongly recommended.
- † Recommended unrestricted elective: BA37, CS11, CS13, OD47
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Ophthalmic Dispensing	35 credits
Science	7 credits
English	6 credits
Social Sciences	6 credits
Mathematics	4 credits
Communications	3 credits
Unrestricted Elective	3-4 credits
Freshman Seminar (full-time only)	1.5 credits
Physical Education (full-time only)	2 credits

PARALEGAL STUDIES / A.A.S. DEGREE

Hegis Code - 5099

Ammerman - Grant / 333-1

A legal assistant, or paralegal, is a person, qualified by education, training or work experience, who is employed or retained by a lawyer, law office, corporation, governmental/public agency, bank, industry or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible. The paralegal studies program is designed neither for attorneys nor law office administrators. Paralegals are prohibited from performing the unauthorized practice of law.

This curriculum, which is approved by the American Bar Association, provides students with a background in law as practiced in legal offices and trains them to prepare documents such as probate forms, title searches and closing statements, pleadings and discovery proceedings, legal memoranda, and corporate minutes and filings. Skilled use of the English language is essential, and a high level of verbal competence is required for completion of the curriculum. Knowledge of word processing software packages is strongly recommended.

Not all legal courses are offered on each campus each semester. Students are strongly urged to meet with a paralegal academic advisor to plan their program. Failure to do so may result in delayed completion of the program.

Admission Procedures and Requirements

For entering students, minimum requirements for admission are an 80 high school average, Regents English, strong reading and writing skills, and a combined score of 1000 on the SAT or a composite score of 21 on the ACT. Students already enrolled in college need 12 credits with a 3.0 GPA which include a B or better in EG11 and BL40. Students are admitted on a rolling basis, fall and spring, with most students who meet minimum standards admitted. Note: students who do not meet the admission criteria may be admitted on a provisional basis.

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FIRST YEAR: 34.5 credits

	<i>Credits</i>
BU15: College/Workplace Skills Seminar	1.5
EG11: Standard Freshman Composition	3
EG35: Advanced Expository Writing	3
AC11: Principles of Accounting I	4
BA11: Introduction to Business	3
*♦ BL40: Introduction to Law	3
*♦ BL41: Introduction to Paralegal Studies	3
♦ BL71: Business Law I	3
♦ BL84: Partnership and Corporation Law	3
PO20: State and Local Politics and Government	3
Humanities Elective	3
Physical Education	2

SECOND YEAR: 33-35 credits

BA25: Business Communications	3
♦ BL80: Legal Research	3
♦ BL72: Business Law II	3
♦ BL43: Civil Litigation	3
♦ BL75: Law of Property	3
♦ BL86: Estates, Trusts and Wills	3
** Area Electives (two courses)	6
Social Sciences Elective	3
Math/Science Electives (two courses)	6-8

TOTAL CREDITS REQUIRED: 67.5-69.5

* BL40 and BL41 are prerequisites for all required law courses in the Paralegal Program except BL71 and BL72.

** Area Electives (any two courses):

- AC88: Federal Income Taxation
- ♦ BL47: Law Office Management and Practices
- ♦ BL50: Paralegal Internship
- ♦ BL78: Domestic Relations
- ♦ BL82: Negligence and Investigations
- ♦ BL87: Estate, Trust and Gift Taxation
- CJ11: Introduction to Criminal Justice
- CJ31: Substantive Criminal Law
- CJ35: Evidence and Procedural Law
- IP30: Computer Applications in the Law Office

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Law	27 credits
Business	10 credits
English	6 credits
Social Sciences	6 credits
Math/Science	6-8 credits
Humanities	3 credits
Restricted Electives	6 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

PARALEGAL STUDIES / CERTIFICATE PROGRAM

Hegis Code - 5099

Ammerman - Grant / 433-1

A legal assistant or paralegal is a person, qualified by education, training or work experience who is employed or retained by a lawyer, law office, corporation, governmental/public agency, bank, industry or other entity and who performs specifically delegated substantive legal work for which a lawyer is responsible. The paralegal studies program is designed neither for attorneys nor law office administrators. Paralegals are prohibited from performing the unauthorized practice of law.

The curriculum, which is approved by the American Bar Association, provides students with a background in law as practiced in legal offices and trains them to prepare documents such as probate forms, title searches and closing statements, pleadings and discovery proceedings, legal memoranda, and corporate minutes and filings. Skilled use of the English language is essential, and a high level of verbal competence is required for completion of the curriculum. Knowledge of word processing software packages is strongly recommended.

The certificate program is designed to serve students with either an associate's or bachelor's degree seeking a career-oriented education which upon satisfactory completion will enable them to enter the job market.

Although a bachelor of arts degree is desirable, the minimum requirement for admission to the program is an associate's 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's degree but who have demonstrated no less than five years of satisfactory paraprofessional experience in law firms, corporate legal departments or city/town corporation counsel offices, and provide letters of recommendation from employers who are members of the Bar attesting to the applicant's suitability. Applicants may be given an interview and additional courses may be required to meet the requirement of 18 liberal arts credits. Full-time students may complete the program in two semesters. Completion on a part-time basis is at the pace chosen by the student. Suggested sequence of courses follows.

Admission Procedures and Requirements

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

FIRST SEMESTER: 18 credits	<i>Credits</i>
♦ BL40: Introduction to Law . . . . .	.3
♦ BL71: Business Law I . . . . .	.3
*♦ BL86: Estates, Trusts and Wills . . . . .	.3
*♦ BL80 Legal Research . . . . .	.3
♦ BL41: Introduction to Paralegal Studies . . . . .	.3
Area Elective (see below) . . . . .	.3
SECOND SEMESTER: 15 credits	
♦ BL43: Civil Litigation . . . . .	.3
♦ BL75: Law of Property . . . . .	.3
♦ BL84 Partnership and Corporation Law . . . . .	.3
♦ BL72: Business Law II . . . . .	.3
Area Elective (see below) . . . . .	.3
TOTAL CREDITS REQUIRED: 33	

AREA ELECTIVES (any two courses)

- AC88: Federal Income Taxation
- ♦ BL47: Law Office Management and Practices
- ♦ BL50: Paralegal Internship
- ♦ BL78: Domestic Relations
- ♦ BL82: Negligence and Investigations
- ♦ BL87: Estate, Trust and Gift Taxation
- CJ11: Introduction to Criminal Justice
- CJ31: Substantive Criminal Law
- CJ35: Evidence and Procedural Law
- IP30: Computer Applications in the Law Office

- * Students should contact the paralegal studies faculty for a prerequisite waiver for these courses.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

Law	27-33 credits
Criminal Justice	0-6 credits
Information Processing	0-3 credits

PHOTOGRAPHIC IMAGING / A.A.S. DEGREE

Hegis Code - 5007

Eastern - Grant / 372-1

This curriculum combines an intensive fine art program with courses in the liberal arts and sciences to prepare students for entry-level positions in the field of photography. The student will learn how to use a camera as a tool to explore the visual world while producing photographs which reflect sensitivity, intelligence and technical expertise. After completing two foundation-level courses in black and white photography, students further develop their skills in studio photography and select a two-course sequence in advanced printing processes and large format photography or select two courses in digital imaging. Although career preparation is an important goal of this curriculum, it also provides a solid foundation in fine art photography which can be transferred to many four-year colleges.

FIRST SEMESTER: 14.5 credits

Credits

- OS15: Freshman Seminar 1.5
- EG11: Standard Freshman Composition ... 3
- ♦ CA84: Introduction to Computer Art 3
- ♦ VA90: History of Photography 3
- ♦ VA91: Introduction to
Silver-Based Photography 3
- Physical Education 1

SECOND SEMESTER: 18 credits

- EG13: Introduction to Literature 3
- ♦ HM51: Developing Creative
Imagination in the Arts 3
- * Restricted Business Elective 3
- ♦ VA30: 2D Design 3
- ♦ VA33: Drawing I 3
- ♦ VA92: Intermediate Photography 3

THIRD SEMESTER: 18-19 credits

- CO11: Introduction to Human
Communication 3
- PC11: Introduction to Psychology 3
- Mathematics Elective 3-4
- ♦ VA19: Modern Art 3
- ♦ VA93: Alternative Photographic Processes
or VA96: Electronic Imaging 3
- ♦ VA94: Studio Photography 3

FOURTH SEMESTER: 18 credits

- Laboratory Science Elective 4
- Social Sciences Elective 3
- ♦ VA17: Art History I or VA18: Art History II
or Photography Elective 3
- ** VA80: Cooperative Education in
Photography and Graphic Design
* or Restricted Business Elective 3
- ♦ VA95: Large Format Photography or
VA97: Digital Photography 3
- ♦ VA99: Photography Portfolio Development
and Assessment 1
- Physical Education 1

TOTAL CREDITS REQUIRED: 68.5-69.5

* To be selected from BD57: Marketing, BD70: Advertising or BA53: Small Business Management.

** At the Grant Campus students may, with permission of the Academic Chair, substitute BU80 for VA80.

♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

- Visual Arts 31-34 credits
- Graphic Design/Computer Art 3 credits
- Humanities 12 credits
- Business 3-6 credits
- Social Sciences 6 credits
- Math/Science 7-8 credits
- Freshman Seminar 1.5 credit
- Physical Education 2 credits

PHYSICAL THERAPIST ASSISTANT / A.A.S. DEGREE

Hegis Code - 5219
Ammerman / 310-1

The two-year Physical Therapist Assistant (PTA) program prepares the graduate to work under the supervision of a licensed physical therapist (PT). Duties of the PTA include instruction in exercise regimes, ambulation activities and functional activities of daily living. Various modalities are applied as part of the overall treatment. Affiliations in a variety of clinical settings allow the student to explore various specialties.

The curriculum is accredited by the Commission on Accreditation of Physical Therapy Education (CAPTE) and leads to the associate of applied science degree (AAS). In order to be certified in New York State, students are required to sit for a national licensing examination.

Graduates have the opportunity to work in a variety of settings, including hospitals, private physical therapy offices, schools and nursing homes. 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 an interest in working with people rehabilitating from disability and dysfunction, a strong aptitude in science and strong interpersonal skills.

Program Requirements

Students must achieve a minimum passing grade of C in all PT courses in order to continue in the program sequence. A course may be repeated only once. Permission to repeat a course is dependent on the availability of seats. The program may be completed part-time, but all courses **must** be completed by the end of the semester in which they are sequenced. All students participate in two semesters of supervised clinical affiliations, must purchase liability insurance through the college and must meet the health requirements of both the program and the clinical facilities. Any **non-PT**-designated courses taken in the third and fourth semesters must be taken in the evening in order to accommodate the clinical affiliation schedule.

Admission Procedures and Requirements

A new class begins each September with the acceptance of twenty-six students. High school applicants must have Mathematics A and B and an 80 average in each of the following: Mathematics B, Regents biology and Regents chemistry. All applicants must complete BY30 with a grade of C or better and be certified in CPR and First Aid before starting the program.

Please contact the Admissions Office for an application and a packet outlining criteria and specific admission policies.

FIRST SEMESTER:

18.5 credits	<i>Lec.</i>	<i>Lab.</i>	<i>Clinic</i>	<i>Cr.</i>
OS15: Freshman Seminar . . .	1.5	-	-	1.5
EG11: Standard Freshman Composition	3	-	-	3
BY32: Anatomy and Physiology II.	3	3	-	4
MA27: Algebra II	4	-	-	4
♦ PT10: Normal Movement and Development	3	-	-	3
♦ PT12: Physical Therapy Skills I	-	3	-	1
♦ PT14: Introduction to Physical Therapy	2	-	-	2

SECOND SEMESTER: 18 credits

HC11: Health Concepts . . .	3	-	-	3
BY46: Anatomy and Physiology of Human Movement	3	3	-	4
PC11: Introduction to Psychology	3	-	-	3
♦ PT20: Foundation of Disease	2	-	-	2
♦ PT22: Physical Therapy Skills II	-	2	-	1
♦ PT24: Physical Agents I. . . .	1	2	-	2
HC44: Group Dynamics . . .	3	-	-	3

SUMMER SEMESTER: 2 credits

- ♦ PT26: Introduction to
Clinical Practice - 2 - 1
- Physical Education - 2 - 1

THIRD SEMESTER: 16 credits

- ♦ PT30: Physical Agents II 1 2 - 2
- ♦ PT32: Kinesiology 2 2 - 3
- ♦ PT34: Physical Therapy
Skills III - 2 - 1
- ♦ PT36: Clinical Affiliation I . . . - 1 8 3
- Humanities Elective 3 - - 3
- PC60: Developmental
Psychology 3 - - 3
- Physical Education - 2 - 1

FOURTH SEMESTER: 17 credits

- ♦ PT40: Advanced
Therapeutic Exercise 2 3 - 3
- ♦ PT42: Clinical Affiliation II. . . 1 - 25 8
- Social Sciences Elective 3 - - 3
- English Elective 3 - - 3

TOTAL CREDITS REQUIRED: 71.5

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

REQUIRED CREDIT DISTRIBUTION

- Humanities, including English 9 credits
- Social Sciences 9 credits
- Science and Mathematics 12 credits
- Health Careers 6 credits
- Physical Therapist Assistant 32 credits
- Physical Education 2 credits
- Freshman Seminar 1.5 credits

RADIO AND TELEVISION PRODUCTION / A.A.S. DEGREE

Hegis Code - 5008
Ammerman / 306-1

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 non-linear editing suites provide state-of-the-art facilities to create sophisticated programs. Coupled with the general education courses required for the degree, graduates can enter the industry immediately or continue their studies at the university level.

Admission Procedures and Requirements

Entering students must have a minimum high school academic average of 75, including a 75 average in English. Students already enrolled in college must have successfully completed a minimum of 12 credits with a cumulative grade point average of 2.5. Applicants are admitted only in the fall semester on a rolling basis. Courses are offered in the daytime only. This program is highly competitive and requires strong interpersonal relationship skills.

FIRST SEMESTER: 17.5 credits			
	<i>Lec.</i>	<i>Lab</i>	<i>Cr.</i>
OS15: Freshman Seminar	1.5	-	1.5
EG11: Standard Freshman Composition	3	-	3
*♦ RT11: Introduction to Broadcasting	3	-	3
♦ RT21: Radio Production	2	2	3
♦ CN19: Digital Filmmaking I	3	-	3
† Unrestricted Elective	3	-	3
Physical Education	-	2	1

SECOND SEMESTER: 16-17 credits			
EG55: Mass Media or RT12: Issues in Broadcasting	3	-	3
CO11: Introduction to Human Communication or CO15: Public Speaking	3	-	3
♦ RT31: Television Production I	2	2	3
Science or Mathematics Elective	3-4	3-4	3-4
† Unrestricted Elective	3	-	3
Physical Education	-	2	1

THIRD SEMESTER: 16-17 credits			
♦ RT32: Television Production II	2	2	3
♦ RT35: Broadcast Copy and Script Writing	3	-	3
***♦ RT43: Electronic Field Production	4	-	4
Science or Mathematics Elective	3-4	3-4	3-4
Social Sciences Elective	3	-	3

FOURTH SEMESTER: 15-16 credits			
♦ RT41: Electronic Media Management	3	-	3
♦ RT44: Video Editing	4	-	4
‡♦ or RT50: Internship in Video and Sound	2	8	4
♦ or RT22: Advanced Radio Production	3	-	3
Social Sciences Elective	3	-	3
† Unrestricted Elective	3	-	3
English Elective	3	-	3

TOTAL CREDITS REQUIRED: 64.5-67.5

- * Students may take RT11 at any time during the four-semester program. It may be advantageous, though not required, to take it in the first semester.
- ** Requires prior completion of RT11.
- *** RT43 may be taken at any time from the second semester on.
- † At least one unrestricted elective should be chosen from courses with TH, MU or VA designations.
- ‡ In order to take RT50, students must complete at least two RT courses with a grade of B or better.
- ♦ These courses constitute the major courses in this curriculum.

NOTE: Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.

REQUIRED CREDIT DISTRIBUTION	
Radio and Television Production	28-32 credits
Humanities	9-12 credits
Social Sciences	6 credits
Mathematics/Science	6-8 credits
Unrestricted Electives	9 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

RECREATION LEADERSHIP / A.A.S. DEGREE*

Hegis Code - 5506.10
Ammerman / 311-1

The design of this program allows students to work with various special needs populations or with recreation services, programs and facilities available in the community. The curriculum complies with professional standards and graduates are eligible to obtain certification from the New York State Recreation and Parks Society. Course work emphasizes leadership and activity skills, facility planning and administration, and the role of recreation programs in the community.

The curriculum prepares students either to transfer to a baccalaureate degree program and pursue further study in Recreation or Therapeutic Recreation or to obtain an entry-level position.

Enrollment in RA30 and RA40 is limited to students officially admitted to the Recreation Leadership program. Students must maintain at least a C average in all RA courses and have completed a minimum of 30 credits in the curriculum in order to be eligible for RA30. The program is available for either full- or part-time enrollment.

Admission Procedures and Requirements

Students are admitted on a rolling basis, fall and spring. Strong communication skills are important. Entering students must have a minimum high school average of 75.

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Curricula

FIRST SEMESTER: 17.5-18.5 credits	Lec.	Lab	Cr.
OS15: Freshman Seminar	1.5	-	1.5
EG11: Standard Freshman Composition . . . . .	.3	-	3
PC11: Introduction to Psychology . . . . .	.3	-	3
♦ RA14: Introduction to Recreation Services . . . . .	.3	-	3
♦ RA20: Special Populations in Therapeutic Recreation . . . . .	.3	-	3
* Mathematics Elective	3-4	-	3-4
Physical Education Elective	-	2	1
SECOND SEMESTER: 16 credits			
♦ RA21: Therapeutic Recreation Process . . . . .	.3	-	3
**♦ Recreation Leadership Elective . . . . .	.3	-	3
HC44: Group Dynamics . . . . .	.3	-	3
Laboratory Science Elective . . . . .	.3	2	4
*** Restricted Humanities Elective . . . . .	.3	-	3
THIRD SEMESTER: 16 credits			
♦ RA30: Fieldwork in Recreation Leadership I . . . . .	.2	8	4
**♦ Recreation Leadership Elective . . . . .	.3	-	3
EG13: Introduction to Literature . . . . .	.3	-	3
Psychology Elective (PC60 recommended)	.3	-	3
HC22: Safety, First Aid & CPR . . . . .	.3	-	3
FOURTH SEMESTER: 15-17 credits			
♦ RA40: Fieldwork in Recreation Leadership II . . . . .	.2	12	5
† Health/Human Services Elective	3-4	-	3-4
‡ Restricted Liberal Arts Elective	3-4	-	3-4
§ Restricted Social Sciences Elective . . . . .	.3	-	3
Physical Education Elective	-	2	1

TOTAL CREDITS REQUIRED: 64.5-67.5
* To be selected from: MA23, MA61 or higher.
** RA16 or RA19.
*** To be selected from any 3-credit MU, TH or VA course.
† One course of at least 3 credits to be selected from the following: HC (Health Careers), SL (American Sign Language), CD (Chemical Dependency Counseling), ED (Early Childhood Education/Education) or SS (Human Services).
‡ Restricted Liberal Arts elective to be selected from: Mathematics: MA23, MA61 or higher level Foreign Language: any FR, GE, IT or SP course except SP20, SP21 and SP22
§ Restricted social sciences elective to be selected from: American History: HS33, HS34, HS38, HS39 Western Civilization: HS11, HS12, HS20, ID11, ID12 Other World Civilization: AN11, AN20, AN31, AN50, AN55, CO23, EG60, GY15, GY16, GY17, HS51, HS57, HS90, PL18, PO40
♦ These courses constitute the major courses in this curriculum.
REQUIRED CREDIT DISTRIBUTION
Recreation Leadership 24 credits
Health Careers 6 credits
Health/Human Services Elective 3-4 credits
English and Humanities 9 credits
Social Sciences 9 credits
Mathematics/Laboratory Science 7-8 credits
Restricted Liberal Arts Elective 3-4 credits
Freshman Seminar 1.5 credits
Physical Education 2 credits

* Students are not being admitted into this program for the fall 2006 semester.

TELECOMMUNICATIONS TECHNOLOGY / A.A.S. DEGREE

Hegis Code - 5310 Ammerman / 371-1

NOTE: This curriculum is restricted to qualified VERIZON employees. Consult with the department for more information.

The Telecommunications Technology program is designed for students who wish to study for or enhance technical careers in the field of electronic telecommunications. Students are prepared for careers in industry or business to work as telecommunication technicians, or they may adapt their degree to transfer to baccalaureate degree programs.

In this program, emphasis is placed on competency-based training, problem-solving skills, applications and simulations to develop a multi-faceted industry-ready technician. Training is offered in voice and data telecommunications, linear and digital electronics, and computer applications, supplemented with courses in English, mathematics, physics and social science. All technical courses are offered at the Ammerman Campus only.

Students entering industry or business can find careers as electronic telecommunication technicians in the telephone, cable and broadcast communications field.

Students planning to transfer to four-year colleges should consult with the department for their selection of courses. Typical programs to which the A.A.S. degree transfers include the bachelor of electrical technology (B.E.T.) and the bachelor of telecommunication technology.

Admission Procedures and Requirements

This curriculum is offered as an eight-semester day sequence. Qualified employees are admitted based on the successful completion of the ASSET test administered through the campus Department of Engineering Science and Technology.

	Lec.	Lab.	Cr.
FIRST YEAR/FALL: 7 credits			
MA41: Technical Mathematics I	4	-	4
♦ TT15: Computer Applications in Telecommunications	2	2	3
FIRST YEAR/SPRING: 7 credits			
♦ TT12: Electrical Circuits	3	2	4
EG11: Standard Freshman Composition	3	-	3
SECOND YEAR/FALL: 8 credits			
MA42: Technical Mathematics II	4	-	4
♦ TT22: Electronics I	3	2	4
SECOND YEAR/SPRING: 8 credits			
♦ TT20: Telecommunications I: Voice	3	2	4
♦ TT24: Digital Electronics I	3	2	4
THIRD YEAR/FALL: 8 credits			
PH24: Technical Physics I	3	2	4
♦ TT32: Electronics II	3	2	4
THIRD YEAR/SPRING: 8 credits			
♦ TT30: Telecommunications II: Data	3	2	4
♦ TT34: Digital Electronics II:	3	2	4

FOURTH YEAR/FALL: 7 credits			
♦ TT40: Telecommunications III: Local Area Networks	3	2	4
EG21: Technical Writing	3	-	3
FOURTH YEAR/SPRING: 7 credits			
♦ TT42: Telecommunications IV: Emerging Technologies	3	2	4
Social Sciences Elective	3	-	3
TOTAL CREDITS REQUIRED: 60			
♦ These courses constitute the major courses in this curriculum.			
REQUIRED CREDIT DISTRIBUTION			
Telecommunications Technology	39	credits	
Mathematics/Science	12	credits	
English	6	credits	
Social Sciences	3	credits	

THEATRE ARTS / A.S. DEGREE

Hegis Code - 5610 Ammerman / 205

This program gives students a basic training in theatre production. It also provides the foundation for transfer into a B.A. or B.F.A. program. Students **MUST** consult with a faculty advisor in the Department of Theatre before entering this program and for scheduling of classes.

ACTING SEQUENCE (205-1)

FIRST SEMESTER: 16.5 credits Credits

- * OS15: Freshman Seminar 1.5
- EG11: Standard Freshman Composition ... 3
- ♦ TH11: Understanding Theatre 3
- ♦ TH15: Basic Theatre Practice: Stagecraft
or TH17: Basic Theatre Practice:
Costume Crafts 3
- ♦ TH21: Acting I 3
- ♦ TH52: Production Laboratory I 2
- *** Physical Education 1

SECOND SEMESTER: 17 credits

- EG13: Introduction to Literature
or EG52: Introduction to
Dramatic Literature
or EG83: Shakespeare 3
- CO13: Voice and Diction 3
- ♦ TH15: Basic Theatre Practice: Stagecraft
or TH17: Basic Theatre Practice:
Costume Crafts 3
- ♦ TH22: Acting II 3
- ♦ TH53: Production Laboratory II 2
- ** History Elective 3

THIRD SEMESTER: 16.5-17.5 credits

- Social Sciences Elective 3
- Mathematics Elective 3-4
- ♦ TH40: Audition Preparation 3
- ♦ ‡ TH43: Theatre Portfolio Review 1.5
- ♦ TH54: Production Laboratory III 2
- † Humanities Elective 3
- *** Physical Education 1

FOURTH SEMESTER: 18 credits

- Social Sciences Elective 3
- Laboratory Science Elective 4
- ♦ TH24: Acting for Film and Television 3
- ♦ TH41: Classical Theatre 3
- ♦ TH55: Production Laboratory IV 2
- † Humanities Elective 3

TOTAL CREDITS REQUIRED: 68-69

NOTE: *Courses and sequence of courses should be selected in consultation with a faculty advisor. In order to continue in the Theatre Arts curriculum beyond the first year, a student must at the end of two semesters have a minimum grade point average of 2.0 in all required theatre and communications courses taken up to that date and a minimum grade of C in each semester of Production Laboratory (TH52, 53, 54, 55) taken up to that date.*

* Theatre majors must register for the major-specific section of OS15.

** To be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57, HS90, ID11 or ID12..

*** To be selected from PE33, PE47, PE49 or PE59.

† TH51: Theatre Workshop may fulfill only one humanities elective. The second humanities elective must be selected from MU16, MU17, VA11, VA12, VA17, VA18, VA19, CO51 or a foreign language. Students planning to transfer to a baccalaureate program are strongly advised to select a foreign language course.

‡ A successful performance review is required to graduate. At the end of the third semester, students must perform final audition pieces and demonstrate evidence of production assignments for each semester of attendance to be reviewed and accepted by the performance review committee for the granting of the A.S. degree. Students will be provided criteria in the first semester.

♦ These courses constitute the major courses in this curriculum.

NOTE: *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.*

REQUIRED CREDIT DISTRIBUTION

English	6 credits
Communications	3 credits
Humanities	6 credits
Social Sciences	9 credits
Mathematics/Science	7-8 credits
Theatre	33.5 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

TECHNICAL THEATRE SEQUENCE (205-2)

FIRST SEMESTER: 16.5 credits

	Credits
* OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition . . . . .	.3
♦ TH11: Understanding Theatre . . . . .	.3
♦ TH15: Basic Theatre Practice: Stagecraft . . . . .	.3
♦ TH21: Acting I. . . . .	.3
♦ TH52: Production Laboratory I . . . . .	.2
Physical Education. . . . .	.1

SECOND SEMESTER: 18 credits

EG13: Introduction to Literature or EG52: Introduction to Dramatic Literature or EG83: Shakespeare . . . . .	.3
CO11: Introduction to Human Communications or CO13: Voice and Diction . . . . .	.3
♦ TH16: Basic Theatre Practice: Lighting Crafts . . . . .	.3
♦ TH18: Basic Theatre Practice: Drafting and Design . . . . .	.3
♦ TH53: Production Laboratory II. . . . .	.2
** History Elective . . . . .	.3

THIRD SEMESTER: 16.5-17.5 credits

Social Sciences Elective . . . . .	.3
Mathematics Elective.	3-4
♦ TH17: Basic Theatre Practice: Costume Crafts . . . . .	.3
♦ TH54: Production Laboratory III. . . . .	.2
† Humanities Elective. . . . .	.3
♦ ‡ TH43: Theatre Portfolio Review	1.5
Physical Education. . . . .	.1

FOURTH SEMESTER: 18 credits

Social Sciences Elective . . . . .	.3
Laboratory Science Elective . . . . .	.4
♦ TH19: Basic Theatre Practice: Sound. . . . .	.3
♦ TH41: Classical Theatre. . . . .	.3
♦ TH55: Production Laboratory IV. . . . .	.2
† Humanities Elective. . . . .	.3

TOTAL CREDITS REQUIRED: 68-69

NOTE: Courses and sequence of courses should be selected in consultation with a faculty advisor. In order to

continue in the Theatre Arts curriculum beyond the first year, a student must at the end of two semesters have a minimum grade point average of 2.0 in all required theatre and communications courses taken up to that date and a minimum grade of C in each semester of Production Laboratory (TH52, 53, 54, 55) taken up to that date.

- * Theatre majors must register for the major-specific section of OS15.
- ** To be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57, HS90, ID11 or ID12.
- † TH51: Theatre Workshop may fulfill only one humanities elective. The second humanities elective must be selected from MU16, MU17, VA11, VA12, VA17, VA18, VA19, CO51 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 third semester, students must submit a final portfolio and demonstrate evidence of production assignments for each semester of attendance, to be reviewed and accepted by the portfolio review committee for the granting of the A.S. degree. Students will be provided criteria in the first semester.
- ♦ These courses constitute the major courses in this curriculum.

NOTE: Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.

REQUIRED CREDIT DISTRIBUTION

English	6 credits
Communications	3 credits
Humanities.	6 credits
Social Sciences	9 credits
Mathematics/Science	7-8 credits
Theatre	33.5 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

THEATRE ARTS / AUTOMATED LIGHTING AND STAGE RIGGING / CERTIFICATE PROGRAM

Hegis Code - 5399 Ammerman / 442-1

Automated Lighting and Stage Rigging is a one-year certificate program designed to support a need for highly trained technicians. Students receive practical, hands-on training with state-of-the-art equipment that prepares them for immediate employment opportunities in the theatre industry.

FIRST SEMESTER: 16.5 credits *Credits*

- * OS15: Freshman Seminar 1.5
- ♦ TH51: Theatre Workshop 3
- ♦ TH71: Stage Rigging and Fall Protection ... 3
- ♦ TH72: Computer Applications for
Theatre I 3
- ♦ TH74: Lighting Console Training I 3
- ♦ TH76: Automated Lighting I 3

SECOND SEMESTER: 18 credits

- CO11: Introduction to Human
Communications 3
- ♦ TH51: Theatre Workshop 3
- ♦ TH16: Basic Theatre Practice:
Lighting Crafts 3
- ♦ TH73: Computer Applications for
Theatre II 3
- ♦ TH75: Lighting Console Training II 3
- ♦ TH77: Automated Lighting II 3

TOTAL CREDITS REQUIRED: 34.5

- * Students must register for the Theatre Arts section of OS15.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

- Communications 3 credits
- Theatre 30 credits
- Freshman Seminar 1.5 credits

VETERINARY SCIENCE TECHNOLOGY / A.A.S. DEGREE

Hegis Code - 5402
Grant / 390-1

Veterinary Science Technology is a growing field that offers a variety of careers to individuals interested in working with animals either as technicians or as members of a scientific community. For many people, the study of veterinary technology serves as a starting point for entry into various animal and health-related careers.

A veterinary technician is described by the American Veterinary Medical Association as “a person knowledgeable in the care and handling of animals, in the basic principles of normal and abnormal life processes, and in routine laboratory and clinical procedures. A technician is primarily an assistant to veterinarians, biological research workers and other scientists.”

The demand for personnel trained in the area of animal care and management is strong. The large pet population requires technical-support personnel to assist veterinarians in clinical practices. The growth of biomedical research and the concern for humane care of animals used in research require qualified assistants. The expansion of the biotechnology industry has increased the need for qualified technical support.

The Veterinary Science Technology program has been designed to graduate well-trained and competent technicians for the veterinary and biomedical research fields. Practical experience with live animals and field experience under typical working conditions form an integral part of the program. The practical experience is achieved by internships with affiliated veterinary clinics, biomedical research centers and the college’s animal facilities.

The Veterinary Science Technology program is fully accredited by the American Veterinary Medical Association. Upon completion of the program, the student is eligible to take the New York State Education Department licensure examination for certification as a veterinary technician.

An articulation agreement exists between Suffolk County Community College and Cornell University. Students have the opportunity to be accepted into the College of Agriculture and Life Sciences at Cornell University after completing their A.A.S. degree at Suffolk County Community College.

Animal Use

Animal use in the Veterinary Science Technology program falls under the jurisdiction of the United States Department of Agriculture (USDA) and the New York State Department of Health. Although animal alternatives to animal use are employed, a minimum of hands-on animal training is required to meet the standards set forth by the American Veterinary Medical Association's Committee on Veterinary Technician Activities.

Typical Employment Opportunities

Job opportunities exist as licensed veterinary technicians in the following areas:

Small animal hospitals and clinics	City, state and federal government agencies
Research laboratories	Universities
Pharmaceutical companies	Medical and dental schools
Pet Industry/Sales	Zoological gardens
Public health agencies	Laboratory animal products/sales

Admission Procedures and Requirements

All applicants must have successfully completed high school Mathematics B, high school biology and chemistry (both with laboratories), or their equivalents (at Suffolk County Community College, MA07, BY14 and CH19). Those applying directly from high school must also have a high school math and science average of 75 or higher. It is recommended that students apply by January 1 in the year of anticipated entry.

Admission to the full-time day program is for fall only; evening students are accepted for the fall of even-numbered years. However, many students take courses that would apply to the curriculum prior to matriculation.

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.

continued on next page

Minimum Grade Requirements and Program Completion

Students admitted into the program must achieve a minimum passing grade of C in all VS/VST courses. Only one repeat of a VS/VST course is permitted.

FIRST SEMESTER: 18-19 credits *Credits*

- EG11: Standard Freshman Composition3
- Mathematics Elective3-4
- BY41: Zoology3
- CH21: Introduction to General, Organic and Biochemistry4
- *♦ VS12: Introduction to Animal Technology2
- ♦ VS13: Comparative Anatomy of Domesticated Animals3

SECOND SEMESTER: 18 credits

- EG13: Introduction to Literature3
- Social Sciences Elective3
- BY42: Animal Parasitology3
- ♦ VS22: Veterinary Practice Management2
- ♦ VS23: Comparative Physiology of Domesticated Animals4
- *♦ VS34: Farm Animal Nursing3

THIRD SEMESTER: 15 credits

- ♦ VS21: Laboratory Animal Technology3
- ♦ VS24: Pharmacy and Pharmacology2
- *♦ VS31: Animal Clinic Internship I3
- ♦ VS32: Clinical Laboratory Techniques I3
- ♦ VS33: Veterinary Cardiology and Radiology4

FOURTH SEMESTER: 19 credits

- Social Sciences Elective3
- BY44: General Microbiology4
- ♦ VS41: Surgical Nursing and Anesthesiology4
- ♦ VS42: Clinical Laboratory Techniques II3
- *♦ VS43: Animal Clinic Internship II3
- Physical Education2

TOTAL CREDITS REQUIRED: 70-71

SUGGESTED EVENING SEQUENCE (four years including summers)

SUMMER SEMESTER I: 6-7 credits *Credits*

- EG11: Standard Freshman Composition3
- Mathematics Elective3-4

FIRST SEMESTER: 5 credits

- *♦ VS12: Introduction to Animal Technology2
- BY41: Zoology3

SECOND SEMESTER: 6 credits

- ♦ VS13: Comparative Anatomy of Domesticated Animals3
- *♦ VS34: Farm Animal Nursing3

SUMMER SEMESTER II: 7 credits

- CH21: Introduction to General, Organic and Biochemistry4
- EG13: Introduction to Literature3

THIRD SEMESTER: 7 credits

- ♦ VS23: Comparative Physiology of Domesticated Animals4
- BY42: Animal Parasitology3

FOURTH SEMESTER: 8 credits

- ♦ VS24: Pharmacy and Pharmacology2
- ♦ VS22: Veterinary Practice Management2
- BY44: General Microbiology4

SUMMER SEMESTER III: 6 credits

- Social Sciences Elective3
- Social Sciences Elective3

FIFTH SEMESTER: 7 credits

- ♦ VS32: Clinical Laboratory Techniques I3
- ♦ VS33: Veterinary Cardiology and Radiology4

SIXTH SEMESTER: 3 credits

- ♦ VS42: Clinical Laboratory Techniques II3

SUMMER SEMESTER IV: 3 credits

- *♦ VS31: Animal Clinic Internship I3

SEVENTH SEMESTER: 7 credits

- ♦ VS41: Surgical Nursing and Anesthesiology4
- ♦ VS21: Laboratory Animal Technology3

EIGHTH SEMESTER: 3 credits

- *♦ VS43: Animal Clinic Internship II3

TOTAL CREDITS REQUIRED: 68-69

- * Students are required to provide their own transportation to off-campus field experiences.
- ♦ These courses constitute the major courses in this curriculum.

REQUIRED CREDIT DISTRIBUTION

- Veterinary Science Technology39 credits
- English6 credits
- Social Sciences6 credits
- Mathematics3-4 credits
- Science14 credits
- Physical Education (full-time students only)2 credits

VISUAL ARTS / A.S. DEGREE

Hegis Code - 5610 Ammerman - Grant / 204-1

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: 17.5 credits Credits

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
♦ VA17: Art History I	3
♦ VA33: Drawing I	3
♦ VA30: 2D Design	3
♦ VA60: 3D Design	3
Physical Education	1

SECOND SEMESTER: 16 credits

EG13: Introduction to Literature	3
♦ VA18: Art History II	3
♦ VA34: Drawing II	3
* History Elective	3
**♦ Studio Art Elective	3
Physical Education	1

THIRD SEMESTER: 15-16 credits

† Humanities Elective	3
† Social Sciences Elective	3
♦ VA35: Life Drawing I	3
**♦ Studio Art Elective	3
Mathematics Elective	3-4

FOURTH SEMESTER: 20 credits

† Humanities Elective	3
♦ Computer Art Elective (CA)	3
**♦ Studio Art Electives (2 courses)	6
† Social Sciences Elective	3
Laboratory Science Elective	4
VA89: Portfolio Development and Assessment	1
*** Portfolio Review	0

TOTAL CREDITS REQUIRED: 68.5-69.5

* To be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57, HS90.

** In choosing art electives, the student must select three courses from the following disciplines: art history, ceramics, computer art, life drawing, painting, printmaking, watercolor, sculpture and photography. The fourth elective must be an advanced-level course selected from any of the above areas. Please note that not all of these areas of specialization are available at all campuses.

*** 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.

+ RECOMMENDED ELECTIVE COURSES:

Humanities: PL11, PL14, PL20, PL23; HM44, HM46, HM47, HM83; MU11, MU16, MU17; TH11, TH15, TH41. (The Humanities electives may not be fulfilled by additional art courses).

Social Sciences: HS11, HS12, HS33, HS34, HS90; PC11; SO11; AN11.

♦ These courses constitute the major courses in this curriculum.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 90 of this catalog for information on selection of elective courses.*

2) *Consult the Unified Transfer Programs chart on pages 27-28 of this catalog for information about transferring to four-year colleges/universities to continue study in this or a related field.*

REQUIRED CREDIT DISTRIBUTION

Visual Arts	36 credits
English	6 credits
Humanities	6 credits
Social Sciences	9 credits
Mathematics/Science	7-8 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits



Courses

Note: Suffolk County Community College is transitioning from its current four-unit course designation system (AC11) to a six-unit system (ACC101). The new six-unit course designations are indicated *in italics* after the current course designation and slash on the following pages as an aid toward familiarization during the transition process.

INTRODUCTION

Each course description in the following pages includes one or more of these designations: A, E, G. The letters indicate whether the course is offered on or by the Ammerman, Eastern and Grant campuses, respectively.

Generally, day courses meet one clock hour each week during the semester for every credit hour stipulated in the course description. Thus, a “3 cr. hr.” course meets three hours each week during a 15-week semester. However, two or three hours (or more) of laboratory, studio or other learning activities will count the same as one hour of lecture. Students should understand that one hour in class normally requires two hours of preparation, reading or outside work. Thus, a full-time student enrolled for 15 credits should be prepared to devote as much as 30 hours to out-of-class learning activities, in addition to time spent in the classroom.

Certain courses have prerequisites, and the college expects students to have successfully completed all prerequisites before registering for such courses. It is the student’s responsibility to make sure that all course prerequisites are completed before registering for a course. Questions concerning course prerequisites should be directed to an appropriate academic chairperson, academic dean or counselor. *The college reserves the right to prohibit a student from attending a class when it feels the course prerequisite(s) have not been met.*

Sequential courses numbered with a comma (such as 11, 12 or 21, 22) consist of two semester-length courses which may be taken in

any sequence or independently of each other. Courses numbered with a hyphen (such as 11-12 or 21-22) must be taken in sequence and the first course must be satisfactorily completed before registering for the second.

Depending upon their curriculum, students may have considerable freedom to choose courses according to their interests. However, enrollment in certain courses is restricted to students matriculated in particular programs (e.g., only nursing students may enroll in NR 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 HC11 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 subject groups are arranged alphabetically. For example, all courses in “Economics” are grouped together, and they will be found after “Earth and Space Science” and before “Electrical Technology.”

Some curriculum outlines, in addition to designating specific courses which must be completed, stipulate a “Humanities elective,” “Social Science elective,” “Science or Mathe-

matics elective," "Business elective," etc. In the list which follows, subjects or disciplines are grouped into these broad areas. It should be noted that "Liberal Arts electives" include any course in any subject area which is included under the humanities, social science, science or mathematics, and computer science areas.

Many of the courses listed in the following pages are offered both day and evening every semester. However, certain courses are offered only in the day (or only in the evening), and some courses are not offered each semester. Please consult the class schedule, published four times each year and also available online, for a complete listing of all courses to be offered in a particular fall, wintersession, spring or summer term.

DISTANCE EDUCATION

Suffolk County Community College recognizes that learning can occur in a variety of ways and offers the following alternatives to traditional classroom instruction, several of which utilize new technologies and the Internet to provide the sort of flexibility in scheduling desired by many students.

As in traditional classroom courses, students are asked to demonstrate their learning by the completion of exercises, papers, projects and/or exams. The instructors for these alternative-style courses are available by mail, e-mail and telephone to answer students' questions and provide guidance during the semester. Courses offered under these modes of instruction are identified each semester/session in the academic course schedule.

Online Curricula

Online programs provide opportunities for students to complete all course requirements in a distance education modality free of on-campus attendance. Course requirements and course content for online degrees parallel the college's traditional curriculum requirements for campus-based curricula. Students may matriculate into online curricula at any SCCC campus.

Currently, one curriculum is offered entirely online, the Associate of Applied Science degree in Business Administration, which is described on page 99 of this catalog. The college is investigating the possibility of offering additional degree programs online. Contact the Central Admissions Office for further information.

Online Courses

Online courses are instructor-designed and accessible only over the Internet. Students must own or have access to a computer with Internet access. Online courses are neither time nor place bound, so students may work any time of the day or night. They must, however, pay attention to course deadlines in order to complete the course successfully. Most instructors require students to log in and complete assignments at least once per week. The mechanism for receiving assignments, for turning in assignments and for discussion with the instructor and fellow students is built into the software and is integrated with the course content.

Telecourses

Telecourses combine the viewing of instructional content at home on videotapes borrowed from the campus library with independent assignments and five required on-campus sessions. The professor coordinates videotaped instruction with teaching the on-campus sessions and creating and grading assignments. Tape viewing is also available in each campus library, but these are library reserve copies and cannot be checked out.

A telecourse fee, partly to cover the cost of course-related supplies, is charged for each telecourse. Since course materials are customized for each student, this is a non-refundable fee.

Distance Learning Classroom Courses

These are courses that are offered in real time, simultaneously at each of the three campuses in specially equipped distance learning classrooms. The instructor teaches over live video originating from one of the campuses while students participate in the course at the same time at any one of the three campuses. Commuting time among the campuses is thereby eliminated and the college is able to offer courses or sections of courses that might otherwise be canceled due to low enrollment at any one campus.

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 activi-

ties 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 Campus Dean is required.

Interested students are advised to consult the academic chair or assistant dean for the content area prior to preparing a proposal.

Independent study courses require, as a prerequisite, matriculated status at Suffolk County Community College and six credit hours in the respective area of study with a grade of B or better.

SCCC Alumna Profile

Diana M. Perenza, Class of 1994
Vice President, Florence Building Materials

Almost everywhere you look on Long Island, something is being built, and it is being built by men. But behind the scenes there is at least one woman making sure that supplies keep flowing to work sites and that suppliers are being paid. For more than a decade, Diana Perenza has worked to strengthen and advance the building material supply industry, both locally and nationally.

Diana began working in credit and collections with contractors in the 1980s and had a growing career. But when the recession hit in the early 1990s, she realized she needed a more broadly based legal education and turned for help to SCCC. There the staff guided her into the Paralegal program. Within one year of graduating in 1994, she began working at Florence Building Materials as credit manager and comptroller and is today the company's vice president. "The education I received at Suffolk allowed me to stay in my field instead of working for an attorney," said Diana. "The college has a way of making people feel comfortable with asking questions. It was always right there for me."

Diana's paralegal training also prepared her for legislative work. In 1996, as a board member of the Long Island Lumber Association (LILA), she took a lead in enacting the nation's first tax relief bill specific to the building material supply industry. Known as the "pay when paid" law, it has since been duplicated in Connecticut and Rhode Island.

At the federal level, as co-chair of the National Lumber and Building Material Dealers Association Bankruptcy Reform Committee in Washington, D.C., Diana spearheaded an effort in 1996 to add a 523a provision to Chapter 13 of the 2005 Bankruptcy Reform Law. The result is that suppliers are now allowed to recuperate one hundred percent of funds, instead of twenty-five percent, when a misappropriation occurs.

Diana's interest in collections has reached as far as Vancouver, British Columbia, where she recently conducted a seminar to teach American building material suppliers how to utilize the collection laws available to them.

In addition to her work for LILA, Diana has been active on the boards of the Northeastern Retail Lumber Association (NRLA) and the Lumber and Building Material Dealers Association (LBMDA). In 2000 she was honored as one of SCCC's Outstanding Alumni and in 2003 was named the LILA Lumber Person of the Year.



ACADEMIC AREAS, DISCIPLINES AND CODES†

Business Area

Accounting	AC / ACC
Banking and Finance	BF / BNK
Business: Cooperative Education	BU / BUS
Business: Law	BL / LAW
Business: Management	BA / BUS
Business: Marketing	BD / MKT
Business: Retailing	BD / RET
Information Processing	IP / INP
Office Technologies	OT / OFT

Engineering Science and Technology Area

Automotive Service Specialist	.AT / AUT
Construction Technology/ Architectural Technology	.CT / COT
Drafting	.DR / DRF
Electrical Technology - Electronics	.TE / ELT
Engineering Science	.EN / ENS
Fire Protection Technology	.FS / FPT
Telecommunications Technology	.TT / TEL

Humanities Area*

Cinema Studies	.CN / CIN
Communications	.CO / COM
Computer Art	.CA / ART
English	.EG / ENG
Foreign Language (Hebrew and Chinese) FL/FLA, (French) FR / FRE, (German) GE / GER, (Italian) IT / ITL, (Latin) LA/LAT, (Spanish) SP / SPN	
Graphic Design	.GR / GRD
Humanities	.HM / HUM
Interior Design	.IN / INT
Journalism	.EG / ENG
Music	.MU / MUS
Philosophy	.PL / PHL
Photographic Imaging	.VA / ART
Theatre Arts	.TH / THR
Visual Arts	.VA / ART
Women's Studies	.WS / WST, HM / HUM, HS/HIS, PL / PHL, SO / SOC

Nursing, Health and Physical Education Area

American Sign Language/ Interpreter for the Deaf	.SL / ASL
Chemical Dependency Counseling	CD / CDC
Dietetic Technician	.FM / DTE
Early Childhood Education/ Education	.ED / EDU
Physical Education: Fitness Specialist	.PF / PFS

Health Careers	.HC / HSC
Health Information Technology/ Medical Records	.HI / HIT
Human Services	.SS / HUS
Medical Assisting	.MD / MED
Nursing	.NR / NUR
Nursing Assistant	.NA / NRA
Occupational Therapy Assistant	.OA / OTA
Ophthalmic Dispensing	.OD / OPD
Physical Education	.PE / PED
Physical Therapy Assistant	.PT / PTA
Recreation Leadership	.RA / REC

Science and Mathematics Area*

Astronomy	.ES / AST
Biology	.BY / BIO, SE / ENV, SM / ENV
Chemistry	.CH / CHE
Earth and Space Science	.ES / ESC
Marine Biology	.MB / MAR
Mathematics	.MA / MAL, MAT
Meteorology	.ES / MET
Oceanography	.OC / MAR
Physics	.PH / PHY

Social Sciences Area*

Anthropology	.AN / ANT
Economics	.EK / ECO
Geography	.GY / GEO
History	.HS / HIS
Political Science	.PO / POL
Psychology	.PC / PSY
Sociology	.SO / SOC

Special Areas

Applied Technology	.AP / APT
College Seminars	.OS / COL
Computer Science*	.CS / CST
Criminal Justice	.CJ / CRJ
Culinary Arts	.CU / CUL
English As A Second Language	.EF / ESL
Heating, Ventilation, Air Conditioning and Refrigeration	.HV / HVA
Horticulture	.HO / HOR
Interdisciplinary Studies*	.ID / IND
Library Research	.LR / LIB
Police Administration	.PD / POA
Radio and Television Production	.RT / RTV
Reading	.RE / RDG
Special Topics: Science*	.SE / ENV, SM/MAR, SM / SCI
Special Topics: Social Sciences*	.SC / SOC
Veterinary Science Technology	.VS / VST

* Courses in these areas can be used to fulfill Liberal Arts electives.

† Suffolk County Community College is adopting new three-letter academic discipline codes. They are indicated in italics after the two-letter codes and slash as an aid toward familiarization during the transition process.

COURSE DESCRIPTIONS

ACCOUNTING

AC11 / ACC101 A-E-G / 4 cr. hrs.
PRINCIPLES OF ACCOUNTING I

Computerized enhanced instruction examines nature and purpose of accounting theory and procedures through study of accounting cycle, asset valuation and financial statements. Develops foundation of accounting knowledge for additional learning in subsequent courses. No prerequisite. Credit given for AC11 or AC13/AC14, but not both.

AC12 / ACC102 A-E-G / 4 cr. hrs.
PRINCIPLES OF ACCOUNTING II

Computerized enhanced instruction develops accounting principles and procedures as applied to partnerships and corporations. Designed primarily for students anticipating careers in accounting or who otherwise require detailed understanding of financial accounting practices. Prerequisite: AC11.

AC13† / ACC113† A-E-G / 2 cr. hrs.
FUNDAMENTALS OF ACCOUNTING I

Computerized enhanced instruction examines Basic Accounting Cycle. Emphasis on recording and summarizing aspects of accounting including topics of bank reconciliation and payroll. (Two hours lecture, one hour recitation.) No prerequisite. Credit given for AC13 or AC11, but not both. Successful completion of both AC13 and AC14 is equivalent to AC11 completion.

AC14† / ACC114† A-E-G / 2 cr. hrs.
FUNDAMENTALS OF ACCOUNTING II

Computerized enhanced instruction is used to prepare financial statements, inventory valuation, receivables, payables, depreciation and control of plant assets. (Two hours lecture, one hour recitation.) Prerequisite: AC13. Credit given for AC14 or AC11, but not both. Successful completion of both AC13 and AC14 is equivalent to AC11 completion.

AC15 / ACC115 A-E-G / 3 cr. hrs.
MANAGERIAL ACCOUNTING

Emphasis on attention-directing and problem-solving functions of accounting with respect to management planning and controlling fiscal activities. Recommended for all students outside accounting emphasis. Prerequisite: AC11.

AC16 / ACC116 A-E-G / 3 cr. hrs.
PRACTICAL ACCOUNTING

Includes three practice sets specially designed to provide students opportunity to prepare federal and state tax forms relating to depreciation, payroll, sales tax, and corporate income and franchise taxes. Also covers the one-write system, bank reconciliations and physical inventory procedures. Prerequisite: AC11, or AC13 and AC14.

AC17 / ACC117 E / 3 cr. hrs.
MANAGERIAL ACCOUNTING FOR THE HOSPITALITY INDUSTRY

Managerial accounting fundamentals especially tailored for students in hospitality service industries. Emphasis on attention-directing and problem-solving functions of accounting with respect to management planning and controlling fiscal activities of hotels and restaurants. Prerequisite: AC11, or AC13 and AC14.

AC19 / ACC119 A-G / 3 cr. hrs.
ACCOUNTING FOR SMALL BUSINESS

Benefits entrepreneurs who have little or no familiarity with accounting principles or business record keeping requirements for various types of business entities. Topics include basic bookkeeping, understanding financial statements, how to use accounting information, and compliance with taxation requirements. Additional topics include cash flow management, basic financial statement analysis, break-even analysis, inventory management, budgeting and costing. Assists students in making sound financial decisions and communicating more effectively with financial professionals. No prerequisite.

AC26 / ACC126 A-E-G / 3 cr. hrs.
GOVERNMENTAL ACCOUNTING

Introduction to concepts and procedures of fund accounting as applied to government and nonprofit institutions. Topics include principles of fund accounting, appropriations, encumbrances, expenditures, and problems and procedures related to use and control aspects of budgets. Prerequisite: AC11.

AC37† / ACC137† A-E-G / 4 cr. hrs.
COMPUTER ACCOUNTING PRINCIPLES

Introductory course providing students with real-life exposure to use of major accounting applications programs on a microcomputer. Payroll, receivables, payables, inventory as well as integrated packages are utilized. Prerequisite: AC11.

AC41-44A / ACC141-144A

AC45-47E / ACC145-147E

AC48-50G / ACC148-150G A-E-G / 3-4 cr. hrs. each
SPECIAL TOPICS IN ACCOUNTING

Special and current topics in accounting. Content varies from year to year.

AC51 / ACC201 A-E-G / 4 cr. hrs.
INTERMEDIATE ACCOUNTING I

Stresses theoretical and analytical aspects of financial accounting. Topics include the Balance Sheet and Income Statement with particular emphasis on current assets, fixed assets and current liabilities. Pertinent pronouncements of the Financial Accounting Standards Board (FASB) are an integral part of the course. Prerequisite: AC12.

AC52 / ACC202 A-E-G / 4 cr. hrs.
INTERMEDIATE ACCOUNTING II

Involves same theoretical and analytical approach of AC51 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: AC51.

AC70 / ACC210 A-E-G / 4 cr. hrs.
COST ACCOUNTING

Basic principles and procedures of cost accounting and cost control in a manufacturing organization through study of job order, process and standard cost procedures, budgeting, predetermined cost, variance and decision analysis. Prerequisite: AC12 or AC15.

AC82† / ACC212† A-E-G / 4 cr. hrs.
ELECTRONIC SPREADSHEET APPLICATIONS FOR ACCOUNTING

Concentrates on financial and managerial accounting applications with particular emphasis on using advanced spreadsheet financial functions related to recording business transactions; developing adjusted trial balance; preparing financial statements; analyzing and presenting accounts receivable; analyzing inventory; accounting for property, plant, and equipment; examining bonds payable and time value of money; evaluating performance; understanding cost-volume-profit relationships; and capital budgeting supported by spreadsheet graphics, database and macro capabilities. Prerequisite: AC11 and either AC37, BA22, or CS11.

AC84 / ACC214 A-E-G / 3 cr. hrs.
CORPORATE FINANCE

Introductory course in business financial management. Deals with need for funds within the firm and alternative institutions and financial instruments available. Prerequisite: AC12.

AC88 / ACC218 A-E-G / 3 cr. hrs.
FEDERAL INCOME TAXATION

History of income taxation, gross income and exclusions therefrom; deductions; credits; exemptions; capital gains; depreciation, inventory and accounting methods; accounting records; preparation and filing of tax returns, with special emphasis on small business and individual taxpayers. Prerequisite: AC12 or AC15.

AMERICAN SIGN LANGUAGE**SL10 / ASL101** A / 3 cr. hrs.
AMERICAN SIGN LANGUAGE I

Introduces American Sign Language, the visual-gestural language of the deaf. Incorporates nonverbal communication techniques, basic vocabulary, grammar principles and conversational skills. (3 hrs. lecture.) No prerequisite.

SL14 / ASL105 A / 3 cr. hrs.
AMERICAN SIGN LANGUAGE II

Expands skills in American Sign Language. Emphasis placed on expressive and receptive conversational skills including vocabulary expansion, deaf idioms and creative use of visual vernacular. (3 hrs. lecture.) Prerequisite: SL10.

SL20† / ASL201† A / 4 cr. hrs.
AMERICAN SIGN LANGUAGE III

Further development of manual fluency in American Sign Language. Stress placed on conversational regulators, facilitating behaviors, morphological process, subtle non-manual cues, sign fluidity and casual vs. citation sign formations. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: SL14.

SL22† / ASL220† A / 4 cr. hrs.
AMERICAN SIGN LANGUAGE IV

Integrates well-developed American Sign Language communicative skills with interactive opportunities within the community of language users, i.e., the deaf community. Emphasis on cultural aspects inherent in the language: literature, values and attitudes, regional and social variations. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: SL20.

SL23 / ASL103 A / 3 cr. hrs.
DEAF CULTURE AND CONTEMPORARY ISSUES

Introduces culture and heritage of deaf Americans and recent developments in fields of sign language and deafness. Covers causes of deafness, degrees of hearing impairment; educational, linguistic and social needs of deaf individuals; diverse philosophies of deaf education, and roles of professionals working with deaf people. Familiarizes students with contemporary issues and current trends. Presents future employment opportunities for persons with American Sign Language skills. No prerequisite.

SL24 / ASL203 A / 2 cr. hrs.
FINGERSPELLING

Introduces manual representation of words of a spoken language. Emphasis on development of hand configuration, basic word patterns, rhythm and fluidity. Additional focus placed on fingerspelled loan signs. Prerequisite: SL14.

Note: *Admission to Advanced American Sign Language courses (any course above SL24) is limited to students admitted to either the Interpreter for the Deaf (341-1) or American Sign Language Studies (341-2) sequences.*

SL26 / ASL205 A / 3 cr. hrs.
INTRODUCTION TO PRINCIPLES OF INTERPRETING AND TRANSLITERATING

Covers RID code of ethics and role of sign language interpreter in variety of settings (medical, legal, educational, mental health, social and theatrical). Includes overview of current process models of interpreting (i.e., Cokely, Colonomos and Gish) and weekly in-class opportunities to apply these models to interpreting from spoken English to ASL/ASL to spoken English. Survey of history and literature of field included. Restricted to Interpreter majors. Corequisite: SL20.

† Course Fee

SL28 / ASL210 A / 3 cr. hrs.
COMPARATIVE LINGUISTICS: ASL AND ENGLISH

Emphasizes importance of the student understanding the two languages: American Sign Language and English, and working between the two languages as an interpreter or worker in the deaf community. Provides in-depth study of phonology, morphology, syntax and semantics of American Sign Language in comparison with those of English. Prerequisite: SL20.

SL32† / ASL212† A / 3 cr. hrs.
SIGN-TO-VOICE INTERPRETING

Introduction to principles and techniques of interpreting manual, oral and written communication into spoken or written English equivalents. Also applies to concept and practice of interpreting from American Sign Language to spoken English. (2 hrs. lecture, 4 hrs. laboratory.) Prerequisite: SL26.

SL34† / ASL222† A / 3 cr. hrs.
VOICE-TO-SIGN INTERPRETING

Introduces principles and techniques of interpreting spoken or written English into the manual, oral and written communication equivalents. Also applies to the concept and practice of interpreting from spoken English to American Sign Language. (2 hrs. lecture, 4 hrs. laboratory.) Prerequisite: SL32.

SL38 / ASL230 A / 3 cr. hrs.
TECHNICAL SIGN LANGUAGE

Application of contextual vocabulary and sentence structure in ASL and development of conceptual sign accuracy in the two languages: ASL and English. Areas of emphasis include, but are not limited to, educational, mental health, rehabilitation, legal, medical, theater arts, social services and religious interpreting settings. (3 hrs. lecture.) Prerequisites: SL22 and SL32.

SL43† / ASL240† A / 5 cr. hrs.
SIGN LANGUAGE INTERPRETER SEMINAR AND FIELDWORK

Using interpreting skills in practical applications in various settings in the deaf community. Involves classroom study and off-campus fieldwork assignments. Classroom study consists of reading assignments, videotapes, attitudes related to working with deaf persons, dealing with problems of interpreting, professional ethics, and the development role of an interpreter in the deaf community. Students enrolling in this course are automatically charged the liability insurance fee. (2 hrs. lecture, 12 hrs. fieldwork.) Students must be available during the day for fieldwork assignments. Prerequisites: SL26, SL32 and SL34; additional prerequisite or corequisite: SL38.

ANTHROPOLOGY

AN11 / ANT101 A-E-G / 3 cr. hrs.
CULTURAL ANTHROPOLOGY

Introductory course studying broad range of cultural similarities and differences among human populations. Using ethnographic accounts as a database, initial focus is on non-Western cultures. Comparisons with more technologically advanced cultures provide important insights into how culture works. No prerequisite.

AN20 / ANT211 G / 3 cr. hrs.
CARIBBEAN CULTURES

Interdisciplinary study of historical and contemporary elements of diverse cultures in the Caribbean. Topics include history, economics, social institutions, cultural patterns and the arts. May be taken for social science or humanities credit. No prerequisite.

AN21 / ANT103 A-E-G / 3 cr. hrs.
PHYSICAL ANTHROPOLOGY

Explores fields of paleontology, primatology and human physical variation as they relate to human evolution. Change and stability, adaptation and extinction are major themes. Findings from evolutionary biology, behavioral ecology, and the hominid fossil record are integrated in order to understand the transition from ape to human. Where do we come from? Why do we behave the way we do? Where are we going? No prerequisite.

AN31 / ANT105 A / 3 cr. hrs.
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. No prerequisite.

AN41-44A / ANT220-223A
AN51-54G / ANT224-226G

AN61-64E / ANT227-229E A-E-G / 3 cr. hrs. each
SPECIAL TOPICS IN ANTHROPOLOGY

Special and current topics in anthropology. Content varies from year to year.

AN45† / ANT201† A / 3 cr. hrs.
FIELDWORK IN ANTHROPOLOGY

Introduction to fieldwork techniques. Specific culture studies vary from year to year. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite. *Offered summers only.*

AN50 / ANT203 G / 3 cr. hrs.
ANTHROPOLOGY OF RELIGION

Studies religion as an institution in primitive society. Places emphasis on anthropological methodology as a tool for understanding folk religious systems. Works of such anthropologists as Durkheim, Malinowski, Boas and Levi-Strauss are considered as they pertain to religious development. Application of anthropological methodology is demonstrated by use of North American, South American, Oceanic and African culture areas. Prerequisite: AN11.

AN55 / ANT205 A / 3 cr. hrs.
NATIVE AMERICANS

Archaeology, prehistory and traditional development of Native American culture. Explores diversity of American Indian culture in terms of social systems, institutions and behavior patterns. Groups such as the Aztec, Navajo, Pueblo and Eskimo are studied in relation to their environmental adaptation and cultural development. Prerequisite: AN11.

APPLIED TECHNOLOGY

AP10 / APT101 A / 4 cr. hrs.
INDUSTRIAL MATHEMATICS

Practical application of mathematical topics to field of drafting and machine shop. Topics include arithmetic operations with fractions and decimals, simple algebra, Pythagorean theorem and right triangle trigonometry.

AUTOMOTIVE SERVICE SPECIALIST

AT12† / AUT112† A / 3 cr. hrs.
INTEGRATED AUTOMOTIVE SYSTEMS

Overview of basic operating systems in modern motor vehicle. Interdependence among systems and implications for troubleshooting and diagnosis explored. Laboratory work provides introduction to each of major automotive systems. (30 hrs. lecture; 30 hrs. laboratory.)

AT14† / AUT114† A / 3 cr. hrs.
STARTING AND CHARGING SYSTEMS

Electrical and mechanical components of starting and charging systems used on vehicles. Theory, operation, diagnosis and repair procedures covered. (30 hrs. lecture; 30 hrs. laboratory.)

AT16† / AUT115† A / 3 cr. hrs.
SPECIALIZED ELECTRONICS

Basic concepts of electricity and electronics which must be understood as preliminary to study of automotive electrical and electronic systems. Topics include current, voltage, resistance, series and parallel circuits, magnetism, inductance, capacitance, D.C. current and digital electronics. Laboratory provides opportunity to study circuits and components both theoretically and as found in actual automotive components. (30 hrs. lecture; 30 hrs. laboratory.)

AT18† / AUT118† A / 3 cr. hrs.
COMPUTER SYSTEMS AND FUEL DELIVERY

Theory and operation of computer systems employed on vehicles. Topics include introduction to E.C.M. computer operation, sensor operation and actuator operation. Computer diagnostics covered in detail. (30 hrs. lecture; 30 hrs. laboratory.)

AT20-30-40-50† / AUT120-230-240-250† A / 1 cr. hrs.
PRACTICUM I-IV

The four units of work experience in the repair shop are designed to give students opportunity to see and participate in all aspects of repair facility operation. Hands-on experience in busy repair shop enables students to utilize and refine skills and knowledge gained in classroom and laboratory. As much as possible, work assignments at dealership are coordinated with subjects covered in classroom. Students enrolling in this course are automatically charged the liability insurance fee. Students work 35 or 40-hour week standard in industry. Each student must complete total of 1024 hours over the four practicum units.

AT22† / AUT222† A / 3 cr. hrs.
AUTOMOTIVE HEATING AND AIR CONDITIONING

Theory and operation of auto heating and air conditioning systems. Training focuses on diagnosing and repairing systems and control equipment. (30 hrs. lecture; 30 hrs. laboratory.) Prerequisite: AT16.

AT24† / AUT224† A / 3 cr. hrs.
ELECTRONIC DEVICES AND PROCESSORS

Electrical and electronic devices currently used in automotive field. Emphasis on diagnosis and servicing of components used on vehicles. Instruction on test equipment and proper procedures. Reading electrical wiring schematics stressed. (30 hrs. lecture; 30 hrs. laboratory.) Prerequisite: AT16.

AT26† / AUT226† A / 3 cr. hrs.
FUEL INJECTION AND ENGINE EMISSION SYSTEMS

Combustion by-products contained in gasoline engine exhaust: carbon monoxide, oxides of nitrogen, unburned hydrocarbons, oxygen. Focus on systems used in vehicles to control these emissions. Students learn procedures and accurate specifications necessary to achieve desired vehicle emissions, including driveability diagnosis. Environmental rules and regulations and their impact on automotive repair industry discussed. (30 hrs. lecture; 30 hrs. laboratory.) Prerequisites: AT16 and AT18.

AT32† / AUT232† A / 3 cr. hrs.
ALIGNMENT, STEERING AND SUSPENSION SYSTEMS

Theory, diagnosis and repair procedures of ABS brake systems, computerized alignments, suspension theory, and steering system diagnosis on current vehicles. Instruction includes brake hydraulics, electronic control and parts replacement. (30 hrs. lecture; 30 hrs. laboratory.) Prerequisite: AT16.

AT34† / AUT234† A / 3 cr. hrs.

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 and proper diagnosis. (30 hrs. lecture; 30 hrs. laboratory.) Prerequisites: AT16 and AT18.

AT36† / AUT236† A / 3 cr. hrs.

AUTOMOTIVE SERVICE PRODUCTIVITY AND EFFICIENCY

Different theories related to running productive service department. Students study ways to improve productivity which increase their performance, evaluation of specialized tools vs. their cost, costs of purchasing tools on time, evaluation of repair procedures for safety, and timesaving steps. Students conduct time study as part of course. (45 hrs. lecture.) Prerequisite: AT30.

AT38† / AUT238† A / 3 cr. hrs.

BODY COMPUTERS AND ADVANCED SYSTEMS DIAGNOSIS

Use of sophisticated diagnostic equipment. Equipment covered includes computerized engine analyzers, emission testers, scopes, digital meters and timing devices. (30 hrs. lecture, 30 hrs. laboratory.) Prerequisite: AT18.

AT42† / AUT242† A / 3 cr. hrs.

TRANSMISSION AND DRIVE SYSTEMS

Theory and operation of manual and automatic transmissions. Both rear-wheel and front-wheel drive systems covered. Diagnosis and servicing of components stressed. (30 hrs. lecture; 30 hrs. laboratory.)

AT46 / AUT242 A / 3 cr. hrs.

AUTOMOTIVE DEALERSHIP STRUCTURE AND FUNCTIONS

Various aspects of service management as typically found in automotive dealership. Topics include theory of service supremacy or other divisional equivalent, federal and state regulation, insurance, purchasing procedures, facility planning, lease-purchase agreements, customer relations, labor relations, and consumer group organizations. (45 hrs. lecture.)

BANKING AND FINANCE

Note: *Additional finance-related courses (beside those listed below) are AC84: Corporate Finance, BA15: Personal Financial Management, and EK55: Money and Banking.*

BF11 / BNK103 E-G / 3 cr. hrs.

INTRODUCTION TO MONEY AND FINANCE

Basic coverage of money and credit creation, financial markets and financial decision-making. No prerequisites.

BF18 / BNK103 G / 3 cr. hrs.

PRINCIPLES OF BANKING

Economic importance of banks' bookkeeping operations, legal relationships with depositors, management of bank funds, international controls and trust services, and Federal Reserve System. No prerequisites.

BF28 / BNK201 G / 3 cr. hrs.

FINANCIAL MARKETS AND INSTITUTIONS

Roles of banks and non-bank financial intermediaries as profit-making firms within the context of the American (United States) financial system. Prerequisite: AC11 or BF11 or EK21.

BF35 / BNK203 E-G / 3 cr. hrs.

INVESTMENTS

Explores concepts and criteria associated with successful financial investing, examines fixed income securities, common stock, warrants, puts and calls, surveys commodities, collectibles, and real estate investments. Examines time value of money, financial statements, and sources of reliable investment information. Prerequisite: BF11 or AC11 or EK21 or permission of instructor.

BF45-47G / BNK245-247G

BF48-50E / BNK248-250E E-G / 3 cr. hrs. each

SPECIAL TOPICS IN BANKING AND FINANCE

Special and current topics in banking and finance. Content varies from year to year.

BF59 / BNK205 G / 3 cr. hrs.

FINANCIAL PLANNING

Introduction to study of personal planning process. Topics include insurance, taxation, investments, retirement and employee benefits, and estate planning. Discusses role of financial planner in today's financial services environment. Also covers regulations affecting financial planners. Prerequisite: AC11.

BIOLOGY

Note:

- BY10-19 Courses specifically designed for non-science majors
- BY20-29 Intermedia courses for which there is a prerequisite
- BY30-49 Courses designed primarily for health careers students
- BY50-59 Introductory courses for science majors
- BY60-69 Courses for both science and non-science majors. All have prerequisites.
- BY70-79 Courses open only to science majors who have completed the introductory courses for science majors
- BY81-90 Special Topics courses in biology.

See "Marine Biology and Oceanography" for related courses.

BY14† / BIO101† A-E-G / 4 cr. hrs.
PRINCIPLES OF BIOLOGY

Survey of key concepts including biological chemistry, cell structure and function, organization of multicellular organisms, genetics, evolution and ecology. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

BY16† / BIO103† A-G / 4 cr. hrs.
HUMAN ECOLOGY

Studies the dynamic balance within the ecosphere. The flow of energy and mineral resources is examined in natural and human systems, and human impact on this natural balance and flow of resources is studied. Social causes and solutions to ecological insults also investigated. The laboratory examines, either through experiments or field study, characteristics of different ecosystems, stresses and impacts on different ecosystems, and current human actions to solve or prevent ecological problems. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MA07.

BY17† / BIO105† E / 4 cr. hrs.
SURVEY OF THE HUMAN BODY

Survey of biological chemistry, cell structure and function, tissues and organ systems of the human body, and genetics. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

BY18† / BIO118† A-E-G / 4 cr. hrs.
TOPICS IN HUMAN BIOLOGY

Cuts across usual lines to include selections from all departmental offerings pertinent to an in-depth understanding of man's role in the biosphere. Some topics included come from the fields of human physiology and anatomy, human genetics, human evolution and human ecology. May be team taught by specialists from each field of study. (3 hrs. lecture, 2 hrs. seminar including films, field trips, laboratory experiments and discussions.) Prerequisite: BY14 or BY50.

BY19† / BIO209† A / 4 cr. hrs.
PLANTS AND PEOPLE

Through lectures, labs and field trips, plants are studied from three different points of view: historical, biological and ecological. From historical point of view, course emphasizes role of plants in human development and their importance in history and discovery, investigating how plants are used by man in nutrition, housing, medicine and cultural practices. From biological point of view, includes basic plant biology: plant structure and function, including cell morphology, plant anatomy and elementary plant physiology. Main groups of plants are studied with emphasis on flowering plants. Emphasizes hands-on learning. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MA07 or equivalent.

BY20† / BIO210† A-E / 4 cr. hrs.
FIELD BIOLOGY AND ECOLOGY

Functional aspects of natural communities and ecosystems. Relation of ecology to evolutionary ideas is stressed and the natural population in its community serves as the basic study unit. Examples largely drawn from communities of North America, Long Island in particular. Field trips emphasize identification of local life forms and their role in natural communities. Lab work investigates general ecological principles. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BY14 or BY50 or OC15 or SE28.

BY21† / BIO111† E / 4 cr. hrs.
BOTANY

Principles of structure and function of plants. Plant cells, tissues, roots, stems, leaves and flowers discussed in detail. Plant classification, ecology, growth and development, photosynthesis, respiration, genetics and reproduction among topics covered. Emphasis on flowering plants, although other groups are treated in their evolutionary context. Work in campus greenhouse and horticultural lab is integral part of course. (3 hrs. lab, 3 hrs. lecture.) Prerequisite: MA07.

BY29† / BIO219† A / 4 cr. hrs.
BIOTECHNOLOGY IN OUR FAST-CHANGING WORLD

For non-science majors. Introduces students to basic concepts and techniques in biotechnology with applications in forensic science, paternity cases, genetic engineering, bioremediation, medicine and agriculture. Emphasizes development of laboratory skills and includes issues of social interest such as bioethics of genetic cloning, legal uses of DNA technology in criminal cases, discussions on use of engineered organisms for ecological control, gene therapy, disease diagnosis and food production. "Hands-on approach" with strong laboratory content. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BY14 or permission of instructor.

BY30† / BIO130† A-E-G / 4 cr. hrs.
ANATOMY AND PHYSIOLOGY I

Basic principles of the structure and function of the human body are discussed in depth for each of the organ systems. Physiology is presented from both a biochemical and organismal point of view. Basic understanding of chemistry, physics and mathematics is 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. A two-semester sequence (3 hrs. lecture, 3 hrs. laboratory.) Prerequisites: MA07 and high school chemistry or CH19 or equivalent. Recommended: high school biology, BY14 or BY17.

BY32† / BIO132† **A-E-G / 4 cr. hrs.**
ANATOMY AND PHYSIOLOGY II

Basic principles of the structure and function of the human body are discussed in depth for each of the organ systems. Physiology is presented from both a biochemical and organismal point of view. Basic understanding of chemistry, physics and mathematics is 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. A two-semester sequence (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BY30.

BY37 / BIO137 **G / 3 cr. hrs.**
ANATOMY AND PHYSIOLOGY OF THE EYE

Anatomy and physiology of the eye, the orbit in which it resides and its adnexa, both gross and cellular, are discussed. Nerve supply and circulatory system of the eye are presented. Binocular vision and fusion, ocular alignment, vergences, accommodation and convergence are introduced. The physiology of vision, retinal images, psychophysiology of vision and color vision are considered. (3 lecture hrs.) Prerequisite: MA07 or equivalent. High school biology or equivalent is recommended. *Required for students in Ophthalmic Dispensing curriculum; does not satisfy the laboratory science requirement for any curriculum.*

BY41† / BIO141† **G / 3 cr. hrs.**
ZOOLOGY

Evolutionary approach to survey of animal kingdom. Topics include the origin of life, cell structure and molecular biology. Involves taxonomic study of structure and function of representatives of the major phyla as well as their ecology and life history. The vertebrate is covered in detail. Laboratory exercises parallel many of the lecture topics with emphasis on vertebrate dissection. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA07 or equivalent, high school biology and chemistry with laboratory. *Required for students in Veterinary Science Technology curriculum; does not satisfy laboratory science requirement for any curriculum.*

BY42† / BIO142† **G / 3 cr. hrs.**
ANIMAL PARASITOLOGY

Introduction to principles of basic parasitology with emphasis on identification, classification, life history, and prevention and control of internal and external parasites of economic importance to animal industry. In the laboratory, students develop routine procedures and techniques necessary to deliver accurate laboratory results in parasite examination. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BY41 or permission of department. *Required for students in Veterinary Science Technology curriculum; does not satisfy laboratory science requirement for any curriculum.*

BY44† / BIO244† **A-E-G / 4 cr. hrs.**
GENERAL MICROBIOLOGY

Introduction to microbiology by 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. Relationship of microorganisms to disease is discussed. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisite: BY32.

BY46† / BIO246† **A / 4 cr. hrs.**
ANATOMY AND PHYSIOLOGY OF HUMAN MOVEMENT

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. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BY30. Corequisites: BY32 and PT20.

BY50-52† / BIO150-152† **A-E-G / 4 cr. hrs. each**
MODERN BIOLOGY I AND II

Comprehensive study of the basic processes in living organisms at the following levels of organization: molecules, cells, organs and organ systems, organisms and ecosystems. Evolution and ecology serve as the contexts in which bioenergetics, information transfer, biosystematics, morphology and physiology are studied. Designed for science majors. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisites: MA07 or equivalent and high school chemistry or permission of instructor. Prerequisite for BY52 is BY50.

BY62† / BIO262† **A / 4 cr. hrs.**
GENETICS

Study of classical modes of inheritance and molecular genetics with emphasis on research techniques. Laboratory experiments using living organisms illustrate genetic principles and techniques. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BY32 or BY50.

BY67† / BIO267† **A / 4 cr. hrs.**
BIOTECHNOLOGY AND MOLECULAR BIOLOGY I

Introduces study of molecular mechanisms underlying transmission and expression of genes. DNA replication and recombination examined. Both prokaryotic and eukaryotic systems analyzed, with emphasis on regulation of gene expression. Lab component teaches advanced laboratory techniques used in molecular biology and biotechnology laboratory. Includes basic DNA concepts, bacterial transformation, agarose gel electrophoresis, recombinant DNA technology including cloning, PCR cloning, prokaryotic gene expression; eukaryotic gene expression in yeast and higher plants (transformation); DNA extraction and purification; Polymerase chain reaction and its practical applications in industrial research and forensics laboratory; protein analysis using SDS PAGE and immunodetection. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BY50.

BY70† / BIO270† A / 4 cr. hrs.

EMBRYOLOGY

Study of morphological and biochemical events occurring during development. Development of major organ systems in representative vertebrate species examined with emphasis on genetic and environmental factors involved in congenital malformations. (2 hrs. lecture, 4 hrs. laboratory.) Prerequisite: BY52 or BY32.

BY72† / BIO272† A / 4 cr. hrs.

MICROBIOLOGY

Introduction to study of microorganisms and their environments. Introduces students to microbial physiology, microbial genetics (including recombinant DNA technology), immunology microbial ecology and evolution. Designed for science majors. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisite: BY52 or permission of instructor.

BY81-84A / BIO251-253A A / 3-4 cr. hrs. each

BY85-87G / BIO254-256G G / 3-4 cr. hrs. each

BY88-90E / BIO257-259E E / 3-4 cr. hrs. each

SPECIAL TOPICS IN BIOLOGY

Special and current topics in biology. Content varies from year to year.

SE15 / ENV115 E / 3 cr. hrs.

ENVIRONMENTAL ISSUES

Focuses on cause and effect relationship of pollution and environmental degradation. Emphasis on current environmental issues threatening well-being of earth's ecosystems, resources and populations. Special attention given to Long Island's environmental problems.

Note: Credit given for SE15 or SE28, but not both. Does not fulfill a laboratory science requirement.

SE28 / ENV128 A / 3 cr. hrs.

CONTEMPORARY ENVIRONMENTAL PROBLEMS

Identifies and examines current environmental problems from viewpoint of environmental, social, political and economic consequences. Solutions are formulated and their impacts examined.

Note: Credit given for SE28 or SE15, but not both. Does not fulfill a laboratory science requirement.

SM27H / SCI127H A / 4 cr. hrs.

EVOLUTION AND SOCIETY

Honors course demonstrating that evolution is key to understanding biology and environment in which we live and also to understanding a number of issues that affect all citizens. Course introduces historical and mechanistic aspects of evolutionary biology. Implications of evolution for current social and political issues also considered. Intended to serve either as core course in Honors Program or as non-laboratory science elective in other programs. Open to all students in Honors Program and to others by permission of instructor or Honors coordinator. (3 hrs. lecture, 1 hr. recitation.) Prerequisite: MA07 or equivalent. Exposure to high school or college science helpful.

SM68H† / MAR118H† A-E / 4 cr. hrs.

ENVIRONMENTAL ISSUES IN OCEANOGRAPHY

Honors core course introducing biological, geological, chemical and physical dynamics of the sea. Man's dependence on and utilization of the sea as a resource is highlighted along with how this interaction impacts marine life, habitats and water quality. Political, social and economic factors influencing sea's utilization given prominence during lecture sessions. Laboratory sessions permit students to experience quantitative side of oceanography by collecting, studying and culturing marine animals and plants; testing sea water for pollutants and essential compounds; computing biomass and population sizes; measuring beach elevations and erosion rates; quantifying water movements and flow volumes; and using oceanographic tools and equipment. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MA07 or equivalent.

BUSINESS ADMINISTRATION

Business: Law

BL40 / LAW101 A-E-G / 3 cr. hrs.

INTRODUCTION TO LAW

Introduces an understanding of law through its forms, classifications and sources. Impact of law as influenced by political, social and economic needs; legal rights and their enforcement; federal and state court systems; and functions of administrative agencies. A study of the lawsuit, jurisdiction, pleadings, preparation of forms and role of the paralegal. No prerequisite.

BL41 / LAW103 A-G / 3 cr. hrs.

INTRODUCTION TO PARALEGAL STUDIES

Introduces roles that paralegals fill in the American legal system. Students examine ethical considerations of a paralegal and fundamental concepts a paralegal needs to understand. Includes materials designed to develop basic legal skills such as interviewing, investigation, research and writing as a foundation for the other courses in the paralegal program. No prerequisite.

BL43 / LAW202 A-G / 3 cr. hrs.

CIVIL LITIGATION

In-depth study of all tools and procedures available to an attorney in preparing for and conducting civil litigation. Emphasis placed on preparing motions, subpoenas, gathering evidence, documentation and witnesses. Prerequisites: BL40 and BL41 or approval of instructor.

BL47 / LAW105 A-G / 3 cr. hrs.

LAW OFFICE MANAGEMENT AND PRACTICES

Serves as a basis for all types of law offices through a study of general management principles and practices applied to office operations. Includes billing practices, bookkeeping, filing, telephone techniques and correspondence. No prerequisite.

BL50† / LAW260† **A-G / 3 cr. hrs.****PARALEGAL INTERNSHIP**

An internship program conducted in various Suffolk County government departments, private business legal departments and private law offices. Students have opportunity to relate skills learned in the classroom to actual law office applications and to acquire experience in a law office setting. Students enrolling in this course are automatically charged the liability insurance fee. Internship hours: average of eight hours per week. Class meetings: a one-hour session per week. Prerequisites: BL47 and BL80. *Students must also be Paralegal majors and receive permission of director of Paralegal program.*

BL51-54A / LAW251-254A**BL55-57G / LAW255-257G****BL58-60E / LAQW258-260E** **A-E-G / 3 cr. hrs. each****SPECIAL TOPICS IN BUSINESS LAW**

Special and current topics in Business Law. Content varies from year to year.

BL70 / LAW107**A-E-G / 3 cr. hrs.****LAW FOR BUSINESS**

Introductory course exploring most significant activities in business law with emphasis on specific knowledge essential for managers in workplace. No prerequisite.

Note: *Credit given for BL70 or the combined sequence of BL71/BL72. but not both.*

BL71 / LAW111**A-E-G / 3 cr. hrs.****BUSINESS LAW I**

Introduction to law: law as a social institution, its origin, development and administration; law of contracts, agency, employment, insurance, government regulations of business. Emphasis on personal property, bailments and real property. No prerequisite.

Note: *Credit given for the combined sequence of BL71/BL72 or for BL70, but not both.*

BL72 / LAW212**A-E-G / 3 cr. hrs.****BUSINESS LAW II**

Continuation of Business Law I. Commercial paper, creditors rights, secured transaction, partnerships, corporation, agency, wills and estates. Emphasis on Uniform Commercial Code. Prerequisite: BL71.

Note: *Credit given for the combined sequence of BL71/BL72 or for BL70, but not both.*

BL75 / LAW215**A-G / 3 cr. hrs.****LAW OF PROPERTY**

Study of property ownership, closings, property management, property financing, and instruments pertaining thereto including development of consumer rights and usury statute analysis. Students trained to assist in investigation, preparation and maintenance of records necessary to perform the above services in a corporate law department or law office. Prerequisites: BL40 and BL41 or approval of instructor.

BL78 / LAW218**A-G / 3 cr. hrs.****DOMESTIC RELATIONS**

Complete study of the substantive law of domestic relations. Includes law of marriage, adoption, divorce, annulment, separation, family obligations, etc. Also explores matrimonial actions and various procedures employed therein. Prerequisites: BL40 and BL41 or approval of instructor.

BL80 / LAW240**A-G / 3 cr. hrs.****LEGAL RESEARCH**

Provides an understanding of functions of the law library and develops research skills through use of digests, encyclopedias, reporter systems and practice manuals. Requires participation in drafting special research projects and preparation of pleadings. Prerequisites: BL40 and BL41 or approval of instructor. Enrollment open only to students in Paralegal curriculum.

BL82 / LAW242**A-G / 3 cr. hrs.****NEGLIGENCE AND INVESTIGATIONS**

Study of fundamental principles of law of negligence and investigation techniques required in handling of negligence and insurance claims. Interviewing of witnesses, signed statements, photographs, diagrams and sketches, accumulating and collating accident reports, weather reports and other pertinent information from police, hospital and public records are studied. Prerequisites: BL40 and BL41 or BR32.

BL84 / LAW244**A-G / 3 cr. hrs.****PARTNERSHIP AND CORPORATION LAW**

Review of legal aspects in formation of business entities, including sole proprietorship, partnership and corporation, with a survey of fundamental principles of law applicable to each and preparation of documents necessary to organization and operation of each. Prerequisites: BL40 and BL41 or approval of instructor.

BL86 / LAW246**A-G / 3 cr. hrs.****ESTATES, TRUSTS AND WILLS**

Study of wills and trusts and survey of fundamental principles of law applicable to each. Also, a study of organization and jurisdiction of surrogates court, detailed analysis of administration of estates and review of estate and inheritance taxes applicable to such estates. Prerequisites: BL40 and BL41 or approval of instructor.

BL87 / LAW250**A-G / 3 cr. hrs.****ESTATE, TRUST AND GIFT TAXATION**

Taxation of estates, gifts and trusts from point of view of the law practice. Problems frequently encountered in a law office in these areas are stressed, as is tax planning, maintenance of proper records and preparation of forms and returns which are required. Both federal and New York State law are covered, as are the new unified transfer tax and the new generation skipping transfer. Prerequisites: BL40 and BL41 or approval of instructor

Business: Management**BA11 / BUS101** A-E-G / 3 cr. hrs.**INTRODUCTION TO BUSINESS**

Delves into the most significant activities in business. Topics include ownership, organization, marketing, purchasing, production, business finance, personnel, labor relations and government regulation. Recommended as background for further studies in business. No Prerequisite

BA12 / BUS103 A-E-G / 4 cr. hrs.**MANAGEMENT OF INFORMATION TECHNOLOGY**

Introduces processes of project definition, project planning, project implementation/control and project termination skills. Explores case studies utilizing Microsoft Project and introduces use of PERT and Gantt charts, flow diagrams, etc. Utilizes Microsoft Office components to produce project status reports and proposals. Explores skills such as collaboration, prioritization, scheduling, budgeting, cost control and contracts. Prerequisites: CS11, or IP12 and CS22 or permission of academic chair or area dean.

BA15 / BUS105 A-E-G / 3 cr. hrs.**PERSONAL FINANCIAL MANAGEMENT**

Gives students basic knowledge of principles, practices and techniques in handling their own personal financial affairs in a businesslike manner. Relative advantages and disadvantages of savings accounts, checking accounts, charge accounts, credit cards, revolving credit, installment loans, life insurance, health insurance, casualty and automobile insurance, renting versus buying, amortized mortgages, investing in mutual funds, and stocks and bonds are discussed in detail. No prerequisite.

BA21 / BUS107 A-E-G / 3 cr. hrs.**BUSINESS MATHEMATICS**

Use of mathematics in various business applications. All problem solving is accomplished through arithmetic methods (no algebra is required.) Topics include percentages, simple and compound interest, discount interest, marketing computations, insurance, basic taxes and investment problems. Does not satisfy mathematics/science elective requirements. No prerequisite.

BA22 / BUS112 A-E-G / 4 cr. hrs.**COMPUTING FOR BUSINESS**

State-of-the-art computer skills related to business major. Emphasis on integrated problem-solving approach. Trains students to make bottom-line decisions using "what if" models and decision trees. Business presentation skills presented using PowerPoint. Current technological business research skills emphasized. Students required to construct one-page business Web site. No prerequisite.

Note: *Credit given for BA22 or CS11, but not both.*

BA25 / BUS117 A-E-G / 3 cr. hrs.
BUSINESS COMMUNICATIONS

Principles of business communication as they relate to the contemporary business organization. Emphasis on management approaches and solutions to communication problems unique to the business community. Topics include word/information processing, employment communication, and effective preparation of business correspondence and reports. Resume writing and marketing oneself for the job search is explored. Prerequisite: EG11 or permission of instructor.

BA29 / BUS109 A-E-G / 3 cr. hrs.**SUPERVISION: CONCEPTS AND PRACTICES**

Study of supervisory functions from viewpoint of the first-line supervisor. Emphasis on concepts of supervision and practices used by first-line supervisors in putting them into effect. Gives students actual practice through discussions of case problems arising from work situations. For students enrolled in certificate or A.A.S. business programs who plan to enter the business world immediately upon graduation. No prerequisite.

BA42 / BUS114 A / 3 cr. hrs.**PROFESSIONAL DEVELOPMENT**

Integrates skills and attitudes necessary to succeed in the workplace. Recent business surveys indicate that the great majority of all job dismissals are due to personality difficulties and image problems. Students need to develop a "professional presence" to succeed in the work place. Students can apply what they have learned and are learning in their own current work situation. Emphasizes practical side of the theory of success on the job. No prerequisite.

BA51 / BUS201 A-E-G / 3 cr. hrs.**MANAGEMENT PRINCIPLES AND PRACTICES**

Study of basic managerial functions of planning, organizing, staffing, direction and control. Emphasis on theory of management, organization and executive leadership. Case studies of actual business situations present problems requiring executive decisions for solution. Prerequisite: BA11.

BA52 / BUS121 A-E-G / 3 cr. hrs.**OFFICE MANAGEMENT**

Introduces scope and responsibilities of administrative office management. Topics include planning, organizing, operating and controlling office operations; leadership and human relations factors; and an overview of the effect office technology has had on the business world including telecommunications, reprographics, office systems, records management, data processing, word processing and voice processing. No prerequisite.

BA53 / 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. Recommended corequisite: BA54.

A-E-G / 3 cr. hrs.

BA54 / BUS125**THE BUSINESS PLAN**

Teaches students how to write a business plan, which is a detailed analysis of a company. Provides an explanation of industry in which the company will compete, the company's goals, objectives, and a plan to achieve these goals. Corequisite: BA53

A-G / 1 cr. hr.

BA55 / 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.

A-E-G / 3 cr. hrs.

BA56 / 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.

A-E-G / 3 cr. hrs.

BA57 / BUS131**PRINCIPLES OF TRAINING AND DEVELOPMENT**

Creation, monitoring and evaluation of the training and development function. Specifically, course involves fundamentals of training needs assessment and establishing/developing/implementing a training program. Assessments and evaluation of these programs are reviewed. Ethics and social responsibility in the workplace also discussed. Prerequisite: BA11 or BA56 or permission of instructor.

A-E-G / 3 cr. hrs.

BA58 / BUS133**LABOR-MANAGEMENT RELATIONS**

Practical study of labor management relations with emphasis on collective bargaining practices and the law. Reviews Wagner Act, Taft-Hartley Act, Taylor Law, and related aspects of civil service law. Trends and current attitudes in labor-management relations in both public and private sector are examined and discussed. No prerequisite.

A-E-G / 3 cr. hrs.

BA59 / BUS203**NEW VENTURE MANAGEMENT**

Expands on fundamentals taught in BA53 and BA54. Teaches students managerial and supervisory concepts necessary to succeed as entrepreneurs and/or entrepreneurial managers who have stake in new venture's success. Students gain practical experience by participating in multimedia computer simulation which allows students to experience owning a business for its first twelve months of operation. Prerequisites: BA53 and BA54.

A-G / 3 cr. hrs.

BA61 / BUS135**INTRODUCTION TO E-COMMERCE**

Introduction to e-commerce and how it is conducted and managed. Explores opportunities, limitations, issues and risks involved with e-commerce. Interdisciplinary nature of topic should interest managers and professional people in a functional area of business world. No Prerequisite

A-E-G / 3 cr. hrs.

BA62 / 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.

A-E-G / 3 cr. hrs.

BA63 / BUS143**THE FUNDAMENTALS OF EXPORTING AND IMPORTING**

Introduction to export/import practices of small and medium-sized firms. Provides a practical, step by step, techniques-oriented guide in managing and marketing export/import business, from assessment of its feasibility to successful completion. Students develop understanding of international trade regulations and requirements, procedures and documentation, and intermediaries facilitating flow of goods and services. Prerequisite: BA62 or permission of instructor.

A-G / 3 cr. hrs.

BA65 / BUS207**TOTAL QUALITY MANAGEMENT**

Provides students with an understanding of principles of company-wide quality management, tools for planning a quality program, total quality management (TQM) philosophy, statistical process control techniques, and planning models for efficient problem analysis and solution implementation. Students introduced to theories of Deming, Ishikawa, Juran and Crosby. Careers in area of TQM are explored. Prerequisite: BA51; corequisite: MA23.

A-G / 3 cr. hrs.

BA68 / BUS208 **A-E-G / 1 cr. hr.**
**CASE STUDIES IN BUSINESS
 ADMINISTRATION**

Advanced capstone course for Business Administration (A.S., 207) 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. Prerequisites: completion of a least 45 credits in the Business Administration A.S. degree curriculum (207-1), including EG11, AC12, BA51, BD57 and BL71.

BA70 / BUS209 **A-E-G / 3 cr. hrs.**
ISSUES IN CONTEMPORARY BUSINESS

Advanced capstone course for Business Administration (A.A.S., 315) majors taken final semester before graduation. Working individually and in teams, students demonstrate abilities to think critically, solve managerial, quantitative and ethical business problems, utilize business-related technology, and exhibit effective leadership in response to current business events and case studies. Through variety of learner-centered activities, students assemble portfolios documenting effective communication skills, understanding, and practical knowledge of business administration. Prerequisites: completion of at least 45 credits in 315 curriculum, including BA11, AC11, BD57, BL70 and a business elective.

BA71-74A / BUS271-274A

BA75-77G / BUS275-277G

BA78-80E / BUS278-280E **A-E-G / 3 cr. hrs.**

**SPECIAL TOPICS IN BUSINESS
 MANAGEMENT**

Special and current topics in business management. Content varies from year to year.

BA73 / BUS211 **A / 3 cr. hrs.**
**INTERNATIONAL BUSINESS PRACTICE
 FIRM**

Special topics course which uses an international business model to have students work as team members in simulated business firm in state-of-the-art facility. Students perform various business functions including strategic planning, human resource management, accounting, marketing and business communications as firm transacts business with students in other simulated companies in United States and around world. Students practice business principles and practices through participation in decision making, critical thinking and team building activities. Prerequisites: BA11 or BA62 or permission of area administrator.

Business: Marketing

BD57 / MKT101 **A-E-G / 3 cr. hrs.**
MARKETING

Introduction to fundamental marketing management theories, practices and problems. Attention directed to marketing strategies including distribution, pricing, promotion and product. In addition, consumer behavior and government regulation are examined in a marketing context. Current events and case problems are integrated with standard course material for discussion. No prerequisite.

BD58 / MKT201 **G / 3 cr. hrs.**
CASES IN MARKETING MANAGEMENT

Advanced course in marketing management which focuses on major types of decisions facing the marketing executive in attempts to harmonize objectives and resources of the firm with opportunities found in the marketplace. Strengthens student's ability to analyze these complex marketing situations and to further define and select optimum alternatives through proper application of current marketing theory. Extensive use made of recently published marketing management case studies. Prerequisite: BD57.

BD59 / MKT107 **G / 3 cr. hrs.**
CONSUMER BEHAVIOR

Examination of theories and research findings relating to consumer motivation and behavior. Employs an interdisciplinary approach by utilizing disciplines of anthropology, psychology, economics and sociology to understand consumers, their preferences, their decisions and spending behavior, role of motivation, and use of such information as applied in marketing. No prerequisite.

BD63 / RET111 **A-E-G / 3 cr. hrs.**
RETAIL PRINCIPLES

Study of the retail organization, its structure, its personnel and merchandising policies, including introduction to various careers in retailing. Fundamental principles of locating, establishing and operating a retail store are developed. No prerequisite.

BD64 / RET112 **A / 3 cr. hrs.**
**RETAILING BUYING AND
 MERCHANDISING**

Presents basic knowledge of the buyer's role in department store and chain operation. Involves a study of resources, buying techniques, and relationships with resident buying offices. Attention given to such merchandising data as prices, markdowns, stock turnover, markups and planning of stocks and purchases. Prerequisite: BD63.

BD65 / RET115 **A / 3 cr. hrs.**
**INTRODUCTION TO THE FASHION
 BUSINESS**

Surveys types of business enterprises, activities, operational processes, and their varied interrelationships in the fashion business. Concentration placed on developments and trends of major sectors of the marketing of fashion: primary market, secondary market and retailing. No prerequisite.

BD68 / RET201 A / 3 cr. hrs.
**RETAIL OPERATIONS AND
MANAGEMENT**

Study of day-to-day management of the store and its component departments. Emphasis given to functions commonly performed by retail managers during their first years following graduation from college. Major topics include management of personnel, inventory and equipment; store security; and administration of merchandising plans. Prerequisite: BD63. (*offered fall semester only*)

BD69 / RET211 A / 3 cr. hrs.
**CONTEMPORARY ISSUES IN RETAIL
MANAGEMENT**

Analysis of the retail manager's operation including techniques employed in the vital areas of buying, pricing, selling and controlling of expenses. Actual case studies utilized to develop insight into problems confronting today's retailer. Prerequisites: BD63, BD64 and BD68. (*offered spring semester only*)

BD70 / MKT213 A-E-G / 3 cr. hrs.
ADVERTISING

Study of procedures and techniques of advertising. Special attention given to purposes of advertising, creating advertising ideas, writing copy, trademarks, fundamentals of advertising layout, selecting and using media, market research, and the advertising agency. No prerequisite.

BD73 / MKT216 A-E-G / 3 cr. hrs.
PRINCIPLES OF SALES

Study of basic principles of successful selling. Consideration of place of the salesperson in our competitive economy, developing a sales-winning personality, and the "selling cycle" from prospecting through closing the sale. Films and practice sales presentations by students are included. No prerequisite.

BD79 / MKT218 G / 3 cr. hrs.
MARKETING RESEARCH

Techniques of doing market research, its application, methods of gathering information, sampling methods, analysis and final report writing. Prerequisites: BD57 and MA23.

BD80 / MKT220 A-G / 3 cr. hrs.
INTERNATIONAL MARKETING

Examines the marketing process and changing global environment. Focuses on problems, policies and strategies involved in marketing products in foreign markets. Prerequisite: BD57.

Business: Special Topics**BU15 / BUS115** A-E-G / 1.5 cr. hrs.
COLLEGE/WORKPLACE SKILLS SEMINAR

Introduces business student to general skills needed for success in workplace. Connects the college experience and its impact on students' skills necessary to compete in world of work. Fulfills Freshman Seminar requirement for students in accounting, business-related and paralegal curricula.

BU80† / BUS150‡ A-E-G / 3 cr. hrs.
COOPERATIVE EDUCATION IN BUSINESS

Cooperative Education is supervised on-the-job training directly related to a student's academic major and career interest. Co-op students integrate classroom theory with practical work experience. Through a required weekly seminar, students receive instruction in employment communications and discuss work station learning experiences. Students must be available to work a minimum of 10 hours per week. Interested students should contact appropriate program coordinator on their campus for more information. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisites: completion of at least 24 credit hours (12 credits being in the business area, with the exception of CS students), minimum overall GPA of 2.5, and permission of appropriate co-op coordinator, area chairperson and/or area assistant dean. (*At Eastern Campus offered only in spring semester.*)

BUIS‡ / BUS151‡ A-E-G / 3 cr. hrs.
DISNEY COOPERATIVE

Offers entry-level and advanced internships to students from all over the world. Preference given to students having successfully completed 24 credits with at least a 2.5 grade point average, although consideration given on an individual basis. Students must speak to a co-op representative prior to interviewing for position with Disney recruiter. Students work and attend class(es) while living at Disney housing complex. Students enrolling in this course are automatically charged the liability insurance fee.

**CHEMICAL DEPENDENCY
COUNSELING****CD11 / CDC111** A-E-G / 3 cr. hrs.
**CHEMICAL DEPENDENCY IN AMERICAN
SOCIETY**

Comprehensive exploration of historical, pharmacological, social and psychological aspects of abuse of and addiction to substances by society. Explores society's attitudes and misconceptions about substance use and reviews current theories of addiction treatment and prevention for both addicts and significant others. No prerequisite.

CD15 / CDC115 E-G / 3 cr. hrs.
DYNAMICS OF ADDICTION

In-depth exploration of biological, psychological and social theories of substance use, abuse and addiction with emphasis on their implications for prevention and treatment. Related addictive behaviors including concept of co-dependence are studied. Prerequisite: CD11 or permission of department.

CD20 / CDC120 **A-E-G / 3 cr. hrs.**
CHEMICALLY DEPENDENT FAMILY SYSTEMS

Comprehensive exploration of effects of addiction and dysfunction on nuclear and extended family systems. Focuses on identification, education and treatment of “significant others” who may be affected by a person’s substance abuse or addiction. Prerequisite: CD11 or permission of department.

CD25 / CDC225 **G / 3 cr. hrs.**
CRIMINAL JUSTICE SYSTEM AND CHEMICAL DEPENDENCY

Exploration of formal and informal responses of criminal justice system to crimes and social disorder related to alcohol/substance abuse. Includes analysis of effectiveness of both law enforcement and diversionary strategies to combat endemic problems of controlled substances and alcohol. Prerequisite: CD11 or permission of department.

Note: *Courses designated CD30 and above are restricted to students who have been accepted into the Chemical Dependency Counseling curriculum.*

CD30 / CDC230 **G / 3 cr. hrs.**
PROFESSIONAL DOCUMENTATION: DATA COLLECTION, ASSESSMENT, TREATMENT PLANNING

Comprehensive examination of all documentation utilized in various health system agencies, with particular attention to those agencies specializing in alcohol/drug treatment. Includes actual preparation of various professional materials, i.e., psychosocial data and assessments, treatment plans, clinical reports, progress notes and other specialized material. Prerequisite: CD11 or permission of department.

CD35 / CDC235 **G / 3 cr. hrs.**
TECHNIQUES FOR COUNSELING THE CHEMICALLY DEPENDENT CLIENT

In-depth examination of basic precepts of helping relationships. The student studies and practices client interviewing, goal setting, development and implementation of a client action plan, and how to promote client motivation. Emphasizes working with the chemically dependent client. Prerequisites: CD15 and CD20 or permission of department.

CD40 / CDC240 **G / 3 cr. hrs.**
CHEMICAL DEPENDENCY EDUCATION AND PREVENTION

History of substance abuse prevention efforts with emphasis on various approaches to the problem and evaluation of their effectiveness. Includes evaluation of needs of special populations within the larger community. Current theory and practice are reviewed through a study of several actual prevention programs. Students expected to develop and present a prevention lesson in the class. Prerequisite: CD11 or permission of department.

CD46 / CDC246 **G / 3 cr. hrs.**
ADVANCED TECHNIQUES FOR COUNSELING THE CHEMICALLY DEPENDENT CLIENT

Advanced counseling and therapy concepts and techniques that apply to assessment, diagnosis and treatment modalities for addictions and for psychosocial conditions that may coexist with the chemical dependency condition. Also addresses collateral treatment concerns for “significant other” persons involved with the chemically dependent client as well as appropriate uses of supervision, peer support, professional affiliations, and continuing professional education for the practitioner. Working with health professionals on the treatment team emphasized. Prerequisite: CD35.

CD50 / CDC250 **G / 3 cr. hrs.**
HABILITATION AND REHABILITATION OF THE CHEMICALLY DEPENDENT CLIENT

Development and implementation of the Vocational and Educational Treatment Plan with the chemically dependent individual (alcohol/substance.) Prerequisite: CD11 or permission of department.

CD55†, 56† / CDC255†, 256† **G / 7 cr. hrs. each**
FIELD PRACTICUM OR COOPERATIVE EDUCATION IN CHEMICAL DEPENDENCY COUNSELING

Integrates theory with actual practice in a clinical setting. Students perform intake interviews and assessments, develop treatment plans, do counseling and present intervention and education approaches, all within the context of the legal, ethical and professional responsibilities of the chemical dependency counselor. Involves off-campus fieldwork: a minimum of 270 hours of clinical experience and 30 hours of supervision. Students attend two-hour, weekly on-campus supervision seminars. Internship placements must be in a licensed chemical dependency counseling center and be supervised by a qualified professional. Students enrolling in these courses are automatically charged the liability insurance fee. Students should take CD55 or CD56 in their final semester of study. (18 hrs. clinical, 2 hrs. seminar.) Prerequisites: CD20, CD25 and CD35. Corequisite: CD46.

Notes: Registration in either of these courses requires that students contact program coordinator in the semester prior to enrollment in course to obtain permission and vital information.

Registrants in CD55/56 must:

- *pay the liability insurance fee;*
- *file a Physician’s Certificate;*
- *complete other requirements prior to the beginning of the class. Please contact program coordinator for information.*

CD61 / CDC161 **G / 3 cr. hrs.**
ISSUES IN CHEMICAL DEPENDENCY COUNSELING

Special topics course presenting new developments in field of Chemical Dependency Counseling (CDC). Intended for advanced CDC students and professionals working in the field. Topics may include treatment issues, special concerns for female clients, multicultural issues, legal issues, as well as others. Students expected to be active participants and contribute to learning process. Prerequisites: CD11, CD15, CD30, CD35 or professional status.

CD62-64 / CDC162-164 **G / 3 cr. hrs.**
SPECIAL TOPICS IN CHEMICAL DEPENDENCY COUNSELING

Special and current topics in chemical dependency counseling. Content varies from year to year.

CHEMISTRY

Note: *Safety goggles must be worn in all chemistry laboratories.*

CH19† / CHE100† **A-E-G / 4 cr. hrs.**
GENERAL CHEMISTRY

One-semester course for students enrolled in health careers or other curricula. Lecture topics include atomic structure, bonding, chemical equations, energy and change, gas laws, acid-base chemistry, solutions, and chemical equilibria. Prepares students for enrollment in subsequent chemistry courses. Laboratory techniques are introduced and followed by experiments which illustrate basic principles presented in lecture. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MA07 or High School Sequential Math I.

Note: *Credit given for CH19 or CH29 but not both.*

CH21† / CHE120† **G / 4 cr. hrs.**
INTRODUCTION TO GENERAL, ORGANIC, AND BIOCHEMISTRY

One-semester course required for Veterinary Science Technology students. Basic principles of general, organic and biochemistry are presented with emphasis on applications to health science. Topics include measurement, states of matter, bonding theory, solutions, acids, buffers and pH, structure and function of carbohydrates, lipids, sterols, amino acids, proteins, molecular approach to enzymatic action, digestion, metabolism and nutrition. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA07 or equivalent and high-school chemistry with laboratory.

CH29† / CHE122† **A / 4 cr. hrs.**
FOUNDATIONS OF COLLEGE CHEMISTRY

One-semester course presenting chemical principles, specifically designed for students enrolled in a science or engineering curriculum who plan to enroll in a one-year course in college chemistry (CH33-34). Lectures provide introduction to general principles, laws of chemical combination, thermochemistry, electrochemistry and chemical equilibrium. Laboratory work illustrates basic principles presented in lectures. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisites: MA07 or high school Sequential Math I. Corequisite: MA27 or permission of department.

Notes:

1. When CH29 is not available, CH19 may be substituted with permission of department.
2. CH29 may not be used as a substitute for CH33.
3. Neither CH19 nor CH29 may be taken after a student has completed CH33 or its equivalent.
4. Credit given for CH29 or CH19, but not both.

CH33-34† / CHE133-34† **A-E-G / 4 cr. hrs.**
COLLEGE CHEMISTRY I

Two-semester sequence for students whose emphasis is chemistry, biology, engineering, medicine or dentistry. Includes study of general principles, laws of chemical combination, thermodynamics, electrochemistry and chemical equilibrium. Laboratory work is basically quantitative in nature and emphasizes experimental techniques and study through observation. Second semester places emphasis on equilibrium through study of inorganic qualitative analysis. (3 hrs. lecture, 1 hr. recitation, 3 hrs. laboratory.) Prerequisites: CH19 or CH29 or permission of Academic Chair/Area Dean and MA61.

CH45† / CHE200† **A / 4 cr. hrs.**
PRINCIPLES OF ORGANIC AND BIOCHEMISTRY II

Basic principles of organic chemistry and chemistry of physiologically significant compounds. Lecture topics include discussion of properties and preparations of major families of organic compounds with emphasis on biologically important compounds such as proteins, carbohydrates and vitamins. Laboratory reinforces basic techniques employed in general chemistry, illustrates representative mechanisms, and introduces techniques and procedures encountered in organic preparations and analysis. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisites: CH19, CH29 or CH33, or permission of department.

CH55-56† / CHE250-251† **A / 5 cr. hrs.**
ORGANIC CHEMISTRY I AND II

Two-semester sequence presenting theory, nomenclature, preparation, fundamental reactions and reaction mechanisms of both aliphatic and aromatic compounds, including behavior of the major functional groups. Both chemical and instrumental methods of organic analysis, including separation and structure elucidation techniques, are developed. Basic laboratory techniques are taught and representative compounds are prepared. Some products prepared in the laboratory are characterized utilizing chromatographic and instrumental techniques. (3 hrs. lecture, 1 hr. recitation, 4 hrs. laboratory.) Prerequisite: CH34 or permission of instructor.

CH61-64A / CHE261-264A
CH65-67G / CHE265-267G
CH68-70E / CHE268-270E **A-E-G / 4 cr. hrs. each**
SPECIAL TOPICS IN CHEMISTRY

Special and current topics in chemistry. Content varies from year to year.

CINEMA STUDIES**CN17† / CIN111†** **A-E-G / 3 cr. hrs.**
CINEMA STUDIES I: FROM KINETOSCOPES TO KANE

Traces origin and development of motion pictures from early Lumiere films to pre-WWII era. Includes screenings, analysis and discussion of significant films representing such topics as evolution of film grammar, German Expressionism, Soviet montage and American studio system.

CN18† / CIN112† **A-E-G / 3 cr. hrs.**
CINEMA STUDIES II: FROM NOIR TO NOW

Traces development of motion pictures from WWII era to the present. Includes screenings, analysis and discussion of significant films representing such topics as Film Noir, Italian Neorealism, French New Wave, emergence of national cinema, and American independent film.

CN19† / CIN117† **A-E / 3 cr. hrs.**
DIGITAL FILMMAKING I

Introduction to pre-production, production and postproduction techniques of digital filmmaking with emphasis on principles of narrative film practices. Digital camcorders, computer-based non-linear editing and other equipment available.

CN20† / CIN118† **A / 3 cr. hrs.**
DIGITAL FILMMAKING II

Provides opportunity to practice advanced production and editing techniques such as multiple-subject staging, split-editing of sound and picture, various montage styles, continuity and voice-over narration. Students develop production assignments in consultation with instructor. Prosumer digital video cameras, computer-based non-linear editing and other equipment available. Prerequisite: CN19 or permission of instructor.

CN21 / CIN113 **A-E / 3 cr. hrs.**
AMERICAN CINEMA

Introductory telecourse 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.

CN22 / CIN122 **A / 3 cr. hrs.**
INTRODUCTION TO CINEMA SCREENWRITING

Introduces fundamentals of developing and writing feature-length screenplays. Using recent Hollywood scripts and films, students examine building blocks of dramatic structure: character development, dialogue, scene construction and plot development. Covers proper format as well as marketing and submission process. Course culminates in writing of first 7-15 pages of a screenplay.

CN41-43A / CIN241-243A **A / 3-4 cr. hrs.**
SPECIAL TOPICS IN CINEMA STUDIES

Special and current topics in Cinema Studies. Content varies from year to year.

CN56 / CIN156 **A-G / 3 cr. hrs.**
THE DOCUMENTARY

Traces development of documentary film through viewing films, reading critical essays, and discussing and writing about the films. Students analyze films focusing on cinematic elements such as point of view and narrative. Students examine films as statements by individuals living within a particular cultural framework, as instruments of propaganda, as entertainment, and as devices which expand our perspectives of world around us. Prerequisite: EG11. (Same as EG56.)

Note: *Credit given for CN56 or EG56, but not both.*

COLLEGE SEMINARS**OS15 / COL101** **A-E-G / 1.5 cr. hrs.**
FRESHMAN SEMINAR

Methods and techniques students can adopt to promote their perseverance and success at the college. Specific topics include college procedures and resources, academic advisement, time management, goal-setting, test and note taking, health issues and other areas related to student success in college. Students are expected to enroll in this class in their first semester.

Note: *The OS15 requirement can also be satisfied by OS20: Personal Growth and College Life; LR11: Research Essentials: The Library and the Internet; LR15: Library Research Methods; WS12: Women's Seminar; BU15: College/Workplace Skills Seminar (for students in accounting and business-related curricula), and NR15: Seminar for Nursing Students (only for students in the A.A.S. degree Nursing curriculum).*

† Course Fee

OS20 / COL105

A-E-G / 3 cr. hrs.

PERSONAL GROWTH AND COLLEGE LIFE

Intensified version of OS15 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. In addition, it provides regularly scheduled time for individual tutoring and counseling.

Note: For those students placed in it, this course satisfies the Freshman Seminar (OS15) graduation requirement. It cannot be used to fulfill liberal arts or unrestricted elective credits in any degree or certificate program.

OS30 / COL120

A-E-G / 1 cr. hrs.

PORTFOLIO PREPARATION

Provides adults with a vehicle for identifying and demonstrating college-level learning achieved outside the classroom. Students provided with necessary information and techniques for choosing a degree program and preparing a portfolio that describes and documents the learning. The portfolio may then be presented to the faculty for evaluation.

OS40 / COL140

E / 3 cr. hrs.

LIFE PLANNING AND CAREER DEVELOPMENT

Special topics course providing systematic approach to making career-related and life decisions. Through a variety of assessments, inventories and exercises, students identify their values, motivation, interests, skills and personality styles and learn how to integrate their preferences with career opportunities. Students also learn how to research career options, assess academic and training needs and set goals while acquiring an understanding of rapidly changing employment trends. Fulfills an unrestricted elective in a liberal arts curriculum. Prerequisite: successful completion of 12 college credits including EG11.

OS41-42E / COL141-142E

OS43-46A / COL143-146A

OS47-49G / COL147-149G A-E-G / 1-3 cr. hrs. each

SPECIAL COLLEGE SEMINAR TOPICS

Special and current College Seminars-related topics in personal and academic development. Content varies from year to year.

OS43 / COL143

A-E-G / 3 cr. hrs.

COLLEGE SUCCESS SEMINAR

Special topics course which acclimates students to college life. Introduces methods, techniques and strategies designed to assure success in the academic environment. Students learn to comprehend, express and evaluate material on a college level and also become familiar with the tools necessary to interact effectively in a college environment.

COMMUNICATIONS

CO10 / COM110

A-E-G / 3 cr. hrs.

SPEECH IMPROVEMENT

Imparts confidence and improved speaking style. Students work on individual and group activities to improve articulation, pronunciation, projection, rate, intonation and language usage. No prerequisite.

CO11 / COM101

A-E-G / 3 cr. hrs.

INTRODUCTION TO HUMAN COMMUNICATION

Introduces field of communication studies. Through practice and lecture, students study areas such as public speaking, discussion, semantics, dyadic communication, critical listening and related areas. No prerequisite.

CO12 / COM102

A-E-G / 3 cr. hrs.

INTERPERSONAL COMMUNICATION

Stresses development of interpersonal skills necessary for building and maintaining productive and positive relationships in a variety of work and social settings. Topics include interpersonal trust, self-disclosure, assertiveness, conflict and conflict management. Students study various theories of interpersonal communication and practice interpersonal skills in class. No prerequisite.

CO13 / COM111

A-G / 3 cr. hrs.

VOICE AND DICTION

Studies nature of speech and voice mechanism in order to provide individualized training for improvement of voice quality and articulation. Emphasis placed on respiration, phonation, resonance, articulation and the phonetic basis of speech. Not designed to provide therapy for students with severe speech disorders. No prerequisite.

Note: Credit given for CO13 or CO14, but not both.

CO14 / COM112

G / 3 cr. hrs.

AMERICAN ENGLISH PRONUNCIATION AND DICTION

Intended to help those students who, as speakers of English as a second language, are self-conscious or fearful about how they sound to native speakers or worry that their accents will interfere with educational or employment opportunities. Not intended to make them lose their accents, a goal which is neither realistic nor desirable. The goal is to make speech in the new language clear and understandable so that the student can speak it with confidence in all situations. Prerequisite: ESL Level 5, or permission of instructor or director of ESL program.

Note: Credit given for CO14 or CO13, but not both.

CO15 / COM105

A-E-G / 3 cr. hrs.

PUBLIC SPEAKING

Introduction to essential steps in preparing and presenting speeches. Structured exercises and presentations are used to help students master each phase, including topic selection, audience analysis, research content, organization, style and delivery. No prerequisite.

CO21 / COM131 A-G / 3 cr. hrs.

THEORIES OF PERSUASION

Study of theories used to create verbal and visual strategies designed to influence thinking and behaviors of individuals and groups. Also examines application of these theories to advertising, marketing, community affairs, political campaigns and public relations. No prerequisite.

CO22 / COM133 A-G / 3 cr. hrs.

FREEDOM OF SPEECH

Reviews thinking and events in Western culture that gave rise to freedoms of expression guaranteed by the First Amendment to the U.S. Constitution. In addition, the course examines key issues and court decisions concerning social, political, artistic and commercial communications. No prerequisite.

CO23 / COM202 A-G / 3 cr. hrs.

INTERCULTURAL COMMUNICATION

Explores how cultural differences influence communication. Emphasis on theories, concepts, research findings and practice in intercultural settings. Activities are designed to promote cultural sensitivity, enabling students to confront their own assumptions and cultural biases, and increase their intercultural communication competence. Prerequisite: CO11 or CO12.

CO24 / COM113 A / 3 cr. hrs.

COMMUNICATION DISORDERS IN CHILDREN

Introduction to common speech, hearing and language problems in children. Normal speech and language acquisition; etiology, diagnostic and therapeutic procedures; and role of parents, educators and speech clinicians is examined. No prerequisite.

CO27 / COM107 A-E-G / 3 cr. hrs.

SMALL GROUP COMMUNICATION

Application of communication skills to problem solving in small group context. Emphasis placed on dynamics, interaction, team building and related skills. Recommended for general studies and other non-nursing and health career-oriented students. No prerequisite.

CO28 / COM204 A / 3 cr. hrs.

ARGUMENTATION AND DEBATE

Introduces study of argument. Students learn to identify arguments in variety of contexts, prepare and present written and oral arguments, and evaluate arguments through critical examination of their strengths and weaknesses. Both psychological and logical constructs examined. Students apply principles of argumentation in organized debates. Prerequisite: CO11 or CO15

CO41-45A / COM210-214 A / 3 cr. hrs.

SPECIAL TOPICS IN COMMUNICATIONS AND FILM

Special and current topics in communications and film. Content varies from year to year.

CO51 / COM121 A-E-G / 3 cr. hrs.

ORAL INTERPRETATION

Beginning course in oral reading stressing development of understanding of the meaning of literature and the ability to communicate this meaning to others orally. Included is study of recorded readings, and analysis, adaptation and oral presentation of representative literary forms. No prerequisite.

CO75 / COM109 A / 3 cr. hrs.

FORENSICS WORKSHOP

Designed for students interested in intercollegiate competition and improving their communications skills. Students trained and coached in variety of forensic forms, including public speaking, drama, oral interpretation of literature and argumentation. (3 hrs. lecture, laboratory hrs. to be assigned.)

COMPUTER ART

CA21† / ART121† A-E / 3 cr. hrs.

INTRODUCTION TO ELECTRONIC PAGE DESIGN

Introduces students to Macintosh computer and desktop publishing software. Elements of electronic page design to be covered are type specification, typesetting, page layout, creation and digitizing of illustrations, and final printing. Students work with a Macintosh computer, laser printer and a scanner. No prerequisite.

CA22† / ART122† A-E / 3 cr. hrs.

ELECTRONIC ILLUSTRATION

Enables students to create and modify illustrations and scanned images. Students use Macintosh computer as electronic drawing tool with image enhancement techniques and technologies to create studies and illustrations. No prerequisite.

CA23† / ART123† G / 3 cr. hrs.

INTRODUCTION TO COMMERCIAL ART

Familiarizes students with several areas of commercial design and techniques used in those fields. Advertising design, fashion illustration, interior design and textile/surface design are explored. Students are made aware of the possibilities of expanding their art into a commercial field. Advice given about the student's continuing education and the preparation of a portfolio. (4 studio hrs. each week.) No prerequisite.

CA44† / ART120† E / 2 cr. hrs.

COLOR THEORY AND ELECTRONIC APPLICATION

Electronic foundation course in color theory designed to explore additive color theory and color mixing with light in electronic environment. Theories of color harmony, contrast and esthetic use of color are studied. Assignments stress mastery of color in design and problems of reproduction of an image on and off computer screen. (4 hrs. laboratory) (*offered spring semester only*)

CA45‡ / ART221‡ E / 3 cr. hrs.

DIGITAL CHARACTER DEVELOPMENT

Examines history and use of authoring tools in multimedia production. Covers use of authoring tools in basic programming techniques, animation control, modeling, texturing and design principles using computer software such as Macromedia Flash. Emphasizes character animation involving looping, character interacting, timing, color and sound. (6 studio hrs. each week.) (*offered fall semester only*) Prerequisites: VA22, VA33 and CA44.

CA46‡ / ART222‡ E / 3 cr. hrs.

COMPUTER GAME DEVELOPMENT

Emphasizes practical aspects of 2D game design such as interface, documentation and characters. Based on knowledge acquired in CA45, students plan electronic productions with emphasis on pre-production, production and post-production techniques. Explores animation using computer software such as Macromedia Flash. (6 studio hrs. each week.) (*offered spring semester only*) Prerequisite: CA45 or permission of department.

CA60‡ / ART125‡ E / 3 cr. hrs.

3D MODELING AND DESIGN

Electronic foundation course in three-dimensional design emphasizing fundamental esthetic principles of design and construction of three-dimensional models on computers using Maya software. Covers basic concepts in model building. (5 studio hrs. each week.) (*offered fall semester only*) Prerequisites: VA30 and GR31.

CA61‡ / ART223‡ E / 3 cr. hrs.

INTERMEDIATE 3D MODELING AND DESIGN

Based on knowledge acquired in CA60, students learn to combine and assemble images, type, 3D models, and illustrations into complex animation sequences. Addresses concepts such as frame-by-frame versus real-time recording. (5 studio hrs. each week.) (*offered spring semester only*) Prerequisite: CA60 or permission of department.

CA80 / ART229 E / 1 cr. hrs.

COMPUTER ART PORTFOLIO ASSESSMENT

As part of continual process as an artist, students are guided through preparation of a portfolio which is presented and assessed as a graduation requirement. (*offered spring semester only*)

CA84‡ / ART126‡ E-G / 3 cr. hrs.
INTRODUCTION TO COMPUTER ART

Explores computer as tool for generating two-dimensional graphic images. Includes overview of hardware components used to produce images including scanners, computers, monitors, printers and storage devices and their relationship to image quality. Examines and explores basic software operations in relationship to the art-making process, primarily using Adobe Photoshop. Provides framework in which to make comparisons between traditional and digital methods in commercial and fine art. Recommended prerequisite or corequisite: VA30.

CA85‡ / ART127‡ G / 3 cr. hrs.

COMPUTER ART II

Building upon CA84, students use computer as artmaking tool to generate freehand images and manipulate scanned images using sophisticated digital imaging systems such as Adobe Photoshop and Illustrator. Explores color theory, design and composition as artistic problems that can be solved using the computer. Students investigate how best to input and output their images producing professional quality results for both hard copy or digital environments. Prerequisite: CA84.

CA86‡ / ART128‡ A / 3 cr. hrs.

ANIMATION ON THE MACINTOSH COMPUTER

Teaches fundamentals of computer-generated animation. Macintosh computer platform used to create real-time animation for presentation, computer video production and other computer applications. Design and creative animation projects are created first in storyboard format and applied to animation computer software packages. (4 studio hrs. each week.) No prerequisite.

CA87‡ / ART129‡ A / 3 cr. hrs.

ANIMATION ON THE MACINTOSH COMPUTER II

Builds upon CA86: Animation on the Macintosh Computer. Macintosh computer platform used to create real-time animation for presentation, advertisements, promotion campaigns and web pages. Design and creative animation with end product in mind stressed. State-of-the-art computer animation software used. (4 studio hrs. each week.) Prerequisite: CA86.

COMPUTER SCIENCE/ INFORMATION TECHNOLOGY

Note: *The following courses can be used to satisfy Liberal Arts and Sciences elective requirements: CS11, CS17, CS18, CS26, CS28, CS35, CS38, CS44, CS60, CS66, CS68.*

**These courses meet the descriptive criteria suggested by the Association for Computing Machinery:*

CS16 Refer ACM-B1

CS17 Refer ACM-B2

CS60 Refer ACM-11

CS11† / CST101† A-E-G / 4 cr. hrs. INTRODUCTION TO COMPUTING

Comprehensive introduction to use of personal computers for improving productivity and problem solving. Primarily for non-computer majors and liberal arts students (i.e., those majoring in areas such as humanities, arts, social and behavioral sciences.) Includes desktop configuration, word processing, spreadsheets, presentation graphics, basics of personal computer organization, directory structures and file management. Optional topics may include database concepts, Web page creation, Internet and IT resources, Web browsers and use of Internet for research. Course cannot be applied to satisfaction of graduation requirements in any computer-related degree program or certificate at SCCC.

Note: *Credit given for CS11 or BA22, but not both.*

CS12† / CST112† A-E-G / 4 cr. hrs. INTRODUCTION TO PROGRAMMING USING VISUAL BASIC

Emphasis on algorithm development, structured programming techniques, flowcharting, and coding and debugging simple programs using Visual Basic. Includes programming concepts such as procedures with parameters, decision, looping and arrays. Prerequisites: MA07 or equivalent. Recommended: prior computing experience or completion of CS11. *CS12 and MA17 are corequisites for students in the Information Technology curriculum.*

CS13† / CST111† A-E-G / 4 cr. hrs. INTRODUCTION TO INFORMATION TECHNOLOGY

Survey of concepts and applications of information technology. Introduces role of information technology in solving business problems and supporting organizational functions. Explores organizational structure of modern enterprise and role of information technology within this structure. Introduces major components of information technology and its broad applications through various case studies. Explains need for information technology analyst to understand business-level objectives needed to provide appropriate technology solutions to achieve those goals. Course cannot be applied to satisfaction of a Liberal Arts and Science elective in any curriculum or of graduation requirements in Computer Science curriculum at SCCC. No prerequisite.

CS14† / CST131† A-E-G / 4 cr. hrs. PROGRAMMING GRAPHICAL USER INTERFACES USING VISUAL BASIC

Covers concepts enabling programmers to write user interfaces for Windows environments. Advanced Visual Basic features presented and used. Designed for students who know basics of a programming language and have experience with Windows. Applications are built that rival professional Windows SDK (Software Development Kit) used by C++ programmers. Prerequisite: CS12 or CS16 or permission of department.

CS16† / CST141† A-E-G / 4 cr. hrs. PRINCIPLES OF COMPUTING USING JAVA I*

Introduces concepts needed to lay solid foundation for understanding object-oriented software development via problem specification, analysis, design, implementation and testing. Topics include methods, decisions, looping, arrays, code 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: MA27 or Regents Sequential Math II (C or better) or equivalent, and CS12 or equivalent, or permission of department.

CS17† / CST121† A-E-G / 4 cr. hrs. COMPUTER ORGANIZATION AND ASSEMBLY LANGUAGE PROGRAMMING*

Introduces machine-oriented programming PC Assembly Language designed to familiarize students with basic structure and language of machines. Topics include data representation, addressing techniques and macros, among others. Several programming projects are assigned. Prerequisite: CS12.

CS18† / CST222† A-E-G / 4 cr. hrs. COMPUTER ARCHITECTURE

Introduces concepts needed to lay solid foundation for understanding computer architecture. Performance of software systems is dramatically affected by how well software designers understand basic hardware technologies at work in a system. Similarly, hardware designers must understand far-reaching effects design decisions have on software applications. Provides deep look into the computer, demonstrates relationship between software and hardware, and focuses on foundational concepts that are the basis for current computer design. Provides framework for thinking about computer organization and design that enables student to continue lifetime learning necessary to stay at forefront of ever-changing technology. Prerequisite: CS17.

CS22† / CST102† **A-E-G / 4 cr. hrs.**
SPREADSHEETS FOR WINDOWS

Explores integrated spreadsheet software in Windows environment. Topics include worksheet design and creation, spreadsheet functions, charts and graphs, database operations and macro development as well as integration of software components. Related laboratory projects assigned. Course cannot be applied to satisfaction of graduation requirements in Computer Science curriculum at SCCC. Prerequisites: MA07 or equivalent and prior computing experience or completion of CS11.

CS24† / CST104† **A-E-G / 4 cr. hrs.**
PRESENTATION GRAPHICS AND WEB PUBLISHING

Comprehensive introduction to Web page creation and presentation graphics, using combination of lecture and lab sessions. Students learn aspects of Web authoring and associated Web graphics, various means of electronic office communication, and gain experience developing Web pages in a graphical user interface (GUI) editor. Explores various multimedia technologies and tools available for user interfaces. Course cannot be applied to satisfaction of graduation requirements in any computer-related degree program or certificate at SCCC. Prerequisite: prior computing experience of completion of CS11.

CS26† / CST242† **A-E-G / 4 cr. hrs.**
ADVANCED PROGRAMMING AND PROBLEM SOLVING WITH JAVA

Advanced course presenting problem-solving methodologies and emphasizing object-oriented principles and designs using Java. Several medium-to-large programs using this paradigm are assigned. Focuses on how to write complete program using one or more object classes. Discusses objects in general with special consideration given to string processing, arrays and collections of objects. Swing graphical user interface library discussed and compared to techniques used in Visual Basic. Prerequisite: CS16 or permission of department.

CS28† / CST125† **A-E-G / 4 cr. hrs.**
INSTALLING, CONFIGURING AND ADMINISTERING MICROSOFT® WINDOWS® 2000/XP PROFESSIONAL

Comprehensive introduction to implementing, administering and troubleshooting information systems that incorporate Microsoft Windows 2000/XP. 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 CS course or permission of department.

CS31† / CST262† **A-E-G / 4 cr. hrs.**
CLIENT-SIDE AND SERVER-SIDE WEB PROGRAMMING

First part of course trains developers in using features of JavaScript language and designing client-side platform-independent solutions. Students learn how to write JavaScript programs and script for JavaScript object model, control program flow, validate forms, animate images, target frames and create cookies. Also teaches usage of most popular applications of JavaScript. Second part of course trains students how to work in server-side environment utilizing ActiveX Server Pages technology. Trains students to create dynamically generated Web pages from server side using scripting languages such as VBScript or JavaScript. If time permits, explores alternative technologies to ASP such as Common Gateway Interface (CGI), Server Side Includes (SSI) and Servlets (Java), along with other server-side scripting languages such as Perl and PHP. Also teaches key application standards such as source and revision control, coding standards, code optimization and data integrity. Prerequisites: CS16 and CS35.

CS32† / CST268† **A-E-G / 4 cr. hrs.**
E-COMMERCE PROGRAMMING

Portfolio course instructing students in conducting business online and managing technological issues associated with constructing electronic commerce Web site. Students implement a genuine transaction-enabled business-to-consumer Web site, examine strategies and products available for building electronic commerce sites, including how such sites are managed, and explore how they can complement an existing business infrastructure. Provides hands-on experience implementing technology to engage cardholders, merchants, issuers, payment gateways and other parties in electronic transactions. Requires students to develop functional e-commerce site utilizing various technologies learned in this and prior courses. Prerequisites: CS31 and CS33.

CS33† / CST171† **A-E-G / 4 cr. hrs.**
RELATIONAL DATABASE APPLICATIONS AND CONCEPTS

Use of a relational database model as problem-solving tool in business. Teaches techniques for adding, retrieving and modifying information within a database. Topics include files, records, query language, conversion-to-work processing format, indexes, sorting and customized reports. Prerequisite: any CS course or permission of department.

CS34† / CST272† **A-E-G / 4 cr. hrs.**
PROGRAMMING FOR RELATIONAL DATABASE MANAGEMENT SYSTEMS

Capstone course training students to develop database applications. Implements full power of programming in database-oriented language. Emphasizes design, implementation and presentation of several large, real-time information system cases. Prerequisites: CS12 and CS33 with a grade of C or higher in both or permission of department. Corequisite: CS14 or CS26.

CS35† / CST161†
WEB SITE DESIGN

A-E-G / 4 cr. hrs.

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 Web site 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. Recommended prerequisite: prior computing experience or completion of CS11 or CS12 or permission of department.

CS38† / CST252†
ADVANCED C++ PROGRAMMING

A-E-G / 4 cr. hrs.

Teaches advanced techniques for designing, programming and implementing object-oriented programs using C++. Topics covered include C++ language and its standard library, program specification, effective program design, inheritance and polymorphism. Introduces object-oriented analysis and design concepts. Registrants should have prior programming background/experience with object-oriented programming concepts. Taught using combination of lecture and lab sessions. Prerequisite: CS26.

CS39† / CST265†
XML DOCUMENT DESIGN AND PROGRAMMING

A-E-G / 4 cr. hrs.

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: CS35 or permission of department.

CS44† / CST232†
ADVANCED VISUAL BASIC

A-E-G / 4 cr. hrs.

Provides useful vehicle for learning Windows programming concepts and applications. Topics include Active X controls, API programming, Internet programming and DB programming. Prerequisite: CS14.

CS53† / CST153†
COBOL PROGRAMMING

A-E-G / 4 cr. hrs.

Basic rules, methods and techniques required for commercial computer programming applying specifications of structured COBOL language (Common Business Oriented Language). Designed primarily for students intending to become career programmers. Topics include flow-charting, language specifications and coding. No prerequisite.

CS54† / CST254†
ADVANCED COBOL PROGRAMMING

A-E-G / 4 cr. hrs.

For programmers seeking detailed knowledge of structured COBOL. Topics include sequential and random access, file processing, table handling and sort. Students learn techniques by writing, coding, compiling and debugging programs. Prerequisite: CS53 or permission of department.

CS60† / CST246†
DATA STRUCTURES*

A-E-G / 4 cr. hrs.

Introduction to methods useful in representing data in storage. Discusses structures such as arrays, lists, stacks, queues and trees, as well as methods used in their implementation and manipulation. Related programming assignments required. Prerequisite: CS26

CS63† / CST251†
PROGRAMMING IN C

A-E-G / 4 cr. hrs.

Techniques of programming in C language using Unix/Linux operating system. Topics include history of C and Unix/Linux, operators, data types, loops, arrays, functions, pointers and files. Students expected to be familiar with structured programming. Prerequisite: CS12 or CS16 or permission of department.

CS66† / CST126†
OPERATING SYSTEMS: LINUX/UNIX

A-E-G / 4 cr. hrs.

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 CS course or permission of department.

CS68† / CST227†
NETWORK OPERATING SYSTEMS AND NETWORK INFRASTRUCTURE

A-E-G / 4 cr. hrs.

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: CS28.

CS70† / CST283† **A-E-G / 4 cr. hrs.**
BASIC ENTERPRISE ADMINISTRATION
WITH UNICENTER TNG I

First of two courses designed for students interested in learning about enterprise management in general and Unicenter TNG in specific. First course provides broad overview of Unicenter TNG and gives students beginning of basic understanding in managing and maintaining information technology enterprise systems. CS70 and CS71 (Basic Enterprise Administration with Unicenter TNG II) constitute complete coverage of material required for preparation for CUA (Certified Unicenter Administrator) exams. Prerequisites: CS33 and TE51 and matriculation in a computer studies curriculum at Suffolk County Community College.

CS71† / CST284† **A-E-G / 4 cr. hrs.**
BASIC ENTERPRISE ADMINISTRATION
WITH UNICENTER TNG II

Second of two courses designed for students interested in learning about enterprise management in general and Unicenter TNG in specific. Second course provides more specific view of Unicenter TNG and gives students clearer and more detailed understanding in managing and maintaining information technology enterprise systems. CS71 and CS70 (Basic Enterprise Administration with Unicenter TNG I) constitute complete coverage of material required for preparation for CUA (Certified Unicenter Administrator) exams. Prerequisite: CS70.

CS80† / CST288† **A-E-G / 3 cr. hrs.**
COOPERATIVE EDUCATION/
INTERNSHIPS FOR COMPUTING
TECHNOLOGY

Field work in information technology. Student obligations agreed upon in an internship contract. Supervising faculty hold periodic meetings with student interns and their supervisors to evaluate intern performance. In addition to eight to ten hours per week of field work, students attend a 50-minute weekly seminar. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisite: completion of eight or more CS credits (not including CS11) with an average of B or better in addition to requirements of the Office of Cooperative Education.

CS91-94† / CST191-194† **A-E-G / 3-4 cr. hrs. each**
SPECIAL TOPICS IN COMPUTER
SCIENCE/INFORMATION TECHNOLOGY

Special and current topics in computer science/information technology. Content varies from year to year.

CS91† / CST191† **A-G / 4 cr. hrs.**
COMPUTERS AND NETWORK SECURITY:
ATTACK AND DEFENSE

Special topics course providing in-depth look at common Internet, network and host-based attack methodologies. Topics include common attack methods such as social engineering, spoofing, denial of service, traffic interception, session hijacking, password cracking, malicious code, and web hacking techniques. Enables students to generate anomalous network traffic, identify common network attack patterns, and perform penetration testing. No prerequisite.

CONSTRUCTION TECHNOLOGY

CT10† / COT110† **A / 3 cr. hrs.**
SURVEYING I

Care and use of surveying instruments. Taping and taping corrections, differential leveling, traverse and area computation, stadia topography and construction surveys. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MA27; corequisite: MA61.

CT14† / COT114† **A / 3 cr. hrs.**
CONSTRUCTION METHODS

Methods of residential and commercial construction including site preparation, concrete placement, timber and steel framing techniques, moisture control and finishing. (3 hrs. lecture.) Prerequisite: MA27.

CT22† / COT222† **A / 3 cr. hrs.**
SITE PLANNING

Basic principles of land surveying applied to site planning and design. Concepts of site design and engineering are presented from analysis to design drawings. Areas covered include zoning concepts, constraints of environmental considerations, roadways and land subdivision, parking, and site utilities and drainage. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisites: CT10 and MA61.

CT33† / COT233† **A / 3 cr. hrs.**
STRENGTH OF MATERIALS

Study of relationships existing between externally applied forces and internally induced stresses and strains in various types of mechanical or structural components such as welds, bolts, rivets, shafts pressure vessels, beams and columns. This is accomplished using principles of stress and strain, Poisson's ratio and thermally introduced loading. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: CT66; corequisite: MA62.

CT38† / COT238† **A / 3 cr. hrs.**
CONSTRUCTION ESTIMATING

Interpretations of plans and specifications, preparation of construction estimates, resource requirements in building systems, including large-scale Civil Engineering works such as highways, bridges and utility projects. Estimating databases, labor pricing, cost analysis from small-scale projects to heavy civil infrastructure are developed. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: CT14; corequisite: CT39.

CT39 / COT239 A / 3 cr. hrs.

CONSTRUCTION SCHEDULING

Introduces the most accepted methods for scheduling construction project from start to finish. Typical projects are heavy civil infrastructure type such as highways, bridges and utility projects. Students create and filter schedules based upon plans, manage schedules, compute critical path, and create reports and PERT charts. Students also work with various aspects of scheduling creation, with emphasis on maintenance of schedules. Corequisite: CT38.

CT43 / COT243 A / 3 cr. hrs.

CODES AND CONTRACTS

Day-to-day operation of a construction contracting business is presented. Information presented includes practical matters such as business ownership, cost estimating and bidding, contract bonds, required types of insurance, construction business methods, labor law and labor relations. Codes and specification are presented as they apply to the previous subjects. (3 hrs. lecture.) No prerequisite.

CT46† / COT246† A / 3 cr. hrs.

STRUCTURAL STEEL AND REINFORCED CONCRETE DESIGN

Fundamental theory and principles necessary for design of simple steel and reinforced concrete structures are presented. In the structural steel portion, beams, columns, tension and compression members, composite structures and the connection for these types are presented. For the concrete portion, fundamental behavior of reinforced concrete (elastic and inelastic), beam construction, columns and footings are studied. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA62 and CT33.

CT51-54 / COT151-154 A / 3 cr. hrs.

SPECIAL TOPICS IN CONSTRUCTION TECHNOLOGY

Special and current topics in construction technology. Content varies from year to year.

CT66 / COT266 A / 3 cr. hrs.

STATICS

One-semester course in statics. Includes vector concept of force, equilibrium, centroids, moments of inertia, analysis of structures, and fluid statics. (3 hrs. lecture.) Prerequisite: MA61; corequisite: MA62.

CRIMINAL JUSTICE

Note: *Although Criminal Justice courses cannot be used to fulfill social science requirements at SCCC, several are transferable as social science electives at various four-year SUNY colleges. See Criminal Justice Department for details.*

CJ11 / CRJ101 A-E-G / 3 cr. hrs.

INTRODUCTION TO CRIMINAL JUSTICE

Introductory survey of federal, state and local criminal justice systems including police, courts, prosecutor, Grand Jury, trial jury, probation, parole, and correctional system. Gives beginning students broad overview of role of criminal justice in a free society and provides foundation for all other courses in the program. Emphasizes importance of ethics in criminal justice system. No prerequisite.

CJ15 / CRJ105 A-E-G / 3 cr. hrs.

POLICING: AN INTRODUCTION TO LAW ENFORCEMENT

Introduction to philosophy, role and operations of police and other law enforcement agencies in our society. Includes historical analysis of policing, its culture, and its relationship to law and community. Examines complex problems police face in their mission to enforce the law while providing services in democratic society. Impact of computer and other technological advances on policing also examined. Emphasis on police ethics throughout course. No prerequisite.

CJ21 / CRJ205 A-E-G / 3 cr. hrs.

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.

CJ25 / CRJ111 A-E-G / 3 cr. hrs.

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.

CJ31 / CRJ103 A-E-G / 3 cr. hrs.

SUBSTANTIVE CRIMINAL LAW

Study of prescriptive and proscriptive substantive criminal law. Considers in detail role of law in a free society, provisions of Uniform Penal Code as well as other state and local substantive laws, case illustrations of these laws, and impact of federal and state court decisions on enforcement of substantive laws by police. No prerequisite.

CJ35 / CRJ107 A-E-G / 3 cr. hrs.

EVIDENCE AND PROCEDURAL LAW

Study of rules of evidence and Uniform Criminal Procedure Law as they apply to criminal court cases. Considers relationship of rules of evidence and fair procedural laws to justice in a democratic society, effect of federal and state court decisions on procedural law, evidentiary and procedural requirements for proper presentation of cases in court, and role of the police officer as a witness in court. No prerequisite.

CJ41 / CRJ109 A-E-G / 3 cr. hrs.**INTRODUCTION TO CORRECTIONS**

Analysis of role of the correctional sub-system within the criminal justice system with an examination of the history and philosophy of corrections; nature and problems of the institutional system; probation, parole and other community-based alternatives to institutionalization; legal and ethical problems of the system; and an evaluation of the effectiveness of the system in reducing crime through deterrence and rehabilitation. No prerequisite.

CJ45 / CRJ203 A-E-G / 3 cr. hrs.**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. No prerequisite.

CJ51 / CRJ204 A-E-G / 3 cr. hrs.**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.

CJ55 / CRJ201 A-E-G / 3 cr. hrs.**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.

CJ61 / CRJ2016 A-E-G / 3 cr. hrs.**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.

CJ71 / CRJ206 A-E-G / 3 cr. hrs.**INTRODUCTION TO PROBATION AND PAROLE**

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.

CJ75 / CRJ207 A-E-G / 3 cr. hrs.**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.

CJ85† / CRJ215† A-E / 3 cr. hrs.**CRIMINAL JUSTICE INTERNSHIP**

Integrates criminal justice theory with practical application. Provides opportunity to participate in observational and work assignments with governmental agencies and private businesses. Requires minimum of 90 hours of field work, attendance at weekly seminar for one hour and fifteen minutes, and individual conferences between student and instructor. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisite: CJ11, 2.5 GPA or better and a matriculated student in 211-1 program.

CJ90-92A / CRJ240-242A**CJ93-95G / CRJ243-245G****CJ96-98E / CRJ246-248E** A-E-G / 3 cr. hrs. each
SPECIAL TOPICS IN CRIMINAL JUSTICE

Special and current topics in criminal justice. Content varies from year to year. One prior semester of a social science or criminal justice course is recommended as a prerequisite.

CJ99 / CRJ209 A-G / 1 cr. hr.**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. Prerequisites: CJ11, CJ15, CJ31, CJ35, CJ41 (15 credits).

Note: All Criminal Justice students enrolling in Suffolk County Community College beginning September 2004 must take the Capstone course prior to graduation..

CULINARY ARTS**CU11 / CUL111** E / 3 cr. hrs.
SANITATION

Latest developments and procedures for food safety and sanitation. Subjects include current governmental standards and emerging issues, contamination and foodborne illnesses, establishing food safety system, cleaning and sanitizing, accident prevention, sanitation regulations and food protection. Students also get training in implementing Hazard Analysis Critical Control Point (HACCP) system of food safety, the cutting edge system which is rapidly becoming industry's system-of-choice. Students currently employed in food service who complete this course receive a Suffolk County Food Manager's Certificate valid for three years. No prerequisite

CU12 / CUL112 E / 4 cr. hrs.
HOSPITALITY COST CONTROLS

For any restaurant the key to profits is control. Course presents accounting procedures necessary to maintain profitable business. Topics include control areas of purchasing, receiving, storing, production, serving and appropriate computer application. Upon completion students are able to use these procedures to produce faculty-instructed restaurant projects. Prerequisites: AC11.

CU13† / CUL113† E / 3 cr. hrs.
WINE AND BEVERAGE MANAGEMENT

Provides complete understanding of setting up successful beverage operation, from layout and design to practical hands-on application and formulation of making wide selection of drink recipes. Examines differences among fermented beverages, distilled spirits, great wines and beers, and proper storage procedures. Culminates in development of successful beverage marketing program. No prerequisite.

CU14† / CUL114† E / 5 cr. hrs.
CULINARY ARTS I

Principles and practices necessary to effectively perform in management position in food service industry. Flow of food through commercial food service operation including purchasing, receiving, storing, fabrication, production and service is examined. Upon successful completion of course students are able to understand basic cooking principles and apply them through the standardized recipe and menu. Development of effective and efficient managerial skills for commercial or institutional kitchen presented and practiced. (3 hrs. lecture, 4 hrs. laboratory.) No prerequisite.

CU15† / CUL115† E / 4 cr. hrs.
BAKING AND PASTRY ARTS I

Introduces techniques necessary to produce delicious pastries, yeast bread doughs, quick breads, doughnuts, specialty cookies and custards, and assembling and decorating cakes. Lecture combined with hands-on application enables students to develop necessary skills to produce specialty baked products that incorporate proper texture, flavor and presentation to be served in restaurant setting. No prerequisite.

CU16 / CUL116 E / 3 cr. hrs.
DINING ROOM MANAGEMENT

Service aspect of food service management. History and styles of service used in hotel and restaurant industry, determination of customer needs, and control and service of beverages are examined. No prerequisite.

CU18 / CUL201 E / 0.5 cr. hrs.
CAKE DECORATING

Hands-on course teaching art of cake decorating. Develops proper skills and techniques necessary to decorate wide variety of cakes from simple layer cakes to elegant wedding cakes. Includes instruction in proper use of pastry bag applications, preparation of various icings, and methods necessary to produce delicate flower and piping designs. Class lecture, discussion and hands-on preparation stressed. Prerequisite: CU15.

CU19 / CUL202 E / 0.5 cr. hrs.
CHOCOLATE AND PULLED SUGAR ARTISTRY

Presents proper methods of tempering, melting, molding and decorating with different chocolates. Topics include histories of chocolate making, pulled sugar techniques and production methods, correct use of confectionery tools and recipe development. Upon completion students are able to produce special instructor-directed projects made from chocolate and pulled sugar. Prerequisite: CU15.

CU20 / CUL203 E / 0.5 cr. hrs.
SPECIALTY BREAD MAKING

Hands-on course teaching different methods of bread preparation, proper use of yeasts, starters, mixing methods, proofing, and procedures necessary for production of fresh, quality baked bread. Topics include baking terminology, ingredient functions and methodology of specialty breads and rolls. Combines lecture, class discussion and lab work. Prerequisite: CU15.

CU21 / CUL204 E / 0.5 cr. hrs.
DESSERTS FOR PRESENTATION

Presenting a finished dessert for service is integral part of any great meal. Course focuses on importance of combining textures, flavors and colors in developing unique dessert presentations. Topics include preparation of purees, creams, coulis, specialty cookies, spun sugar, caramelized sugar decorations, and garnishing of hot and cold plates. Enables student to produce and understand steps necessary in producing visually taste-tempting desserts for restaurant service. Prerequisite: CU15.

CU23 / CUL120 E / 3 cr. hrs.
HOSPITALITY MARKETING

The hotel/restaurant/tourism business is marketing. It is essential to determine what customers want and provide it to them when they want it. Furthermore, it must be all wrapped up in a beautiful package at a reasonable price. Students learn intangible nature of hospitality products and importance of positioning, targeting and image development. No prerequisite.

CU24† / CUL211† E / 1 cr. hrs.

**AMERICAN REGIONAL CUISINE
ARTISTRY**

Explores development of traditional American cuisines which include melting pot of flavors, indigenous ingredients and multicultural influences. Teaches how to produce grand buffet arrangements, cold canapés, fresh fruit and vegetable decorations that are unique to specific regions of United States, including the southeast, southwest, mid-Atlantic, midwest, New England and northwest regions. Lecture, demonstrations and hands-on production techniques stressed. Prerequisite: CU14.

CU25† / CUL212† E / 1 cr. hrs.

SAVORY FRENCH CUISINE

Presents classic French preparation methods that have transformed world's cuisines. Combines classical techniques with lighter, more simplistic and adaptable preparation methods needed for service in today's restaurant. Hands-on course in which recipe production, menu review and French terminology are discussed. Prerequisite: CU14.

CU26† / CUL213† E / 1 cr. hrs.

EXOTIC ASIAN CUISINE

Presents overview of preparation techniques regarding Japanese, Chinese, Thai, Korean and Vietnamese cuisines. Emphasis placed on seasonings, special ingredients and technical use of preparation equipment. Through hands-on applications, class discussion and lecture, students gain working knowledge of this regional style. Prerequisite: CU14.

CU27† / CUL214† E / 1 cr. hrs.

MEDITERRANEAN CUISINE

Explores cuisine of Mediterranean regions of Egypt, Spain, Turkey, France, Italy, Liberia, Morocco and Algeria. Hands-on recipe preparation incorporates each region's history, native ingredients and special cooking techniques. Through discussion, lecture and hands-on preparation students learn differences and similarities among various Mediterranean cooking styles. Prerequisite: CU14.

CU29† / CUL240† E / 4 cr. hrs.

**CULINARY ARTS INTERNSHIP/
COOPERATIVE EDUCATION**

Supervised on-the-job training in establishment representative of hospitality industry. Students work 200 hours in their placement, attend on-campus weekly seminar and maintain journal. Taken during summer semester after completion of first and second semester program requirements. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisite: CU11, CU12, CU13 and CU14.

CU30 / CUL250 E / 2 cr. hrs.

CULINARY ARTS SEMINAR

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: CU12, CU13, CU14, CU15 and CU16.

DIETETIC TECHNICIAN

FM20† / DTE101† E / 4 cr. hrs.

INTRODUCTION TO NUTRITION

Introduction to basic nutrition in which study of nutrients and food is applied to making intelligent food choices. Lab allows students to apply math and reading skills to various areas of dietetics and nutrition practice. No prerequisite. Minimum grade of C required to advance to next course in FM sequence. (3 hrs. lecture, 4 hrs laboratory.)

FM22 / DTE103 E / 3 cr. hrs.

**NUTRITION EDUCATION FOR DIETETIC
PRACTITIONERS**

In order to educate clients and facilitate change in their eating behavior, dietetic practitioners must be effective communicators. This course helps students improve their success as dietetic technicians by focusing on communication skills, education principles, interviewing, counseling, behavior modification, and evaluating group and individual instruction. Consideration given to effects of socioeconomic and cultural factors in relation to making food choices. No prerequisite. Minimum grade of C required to advance to next course in FM sequence.

FM24† / DTE121† E / 5 cr. hrs.

**INTRODUCTION TO CLINICAL
NUTRITION**

Review of nutrients from perspective of their absorption, digestion, metabolism and interaction. In clinical, students apply principles of nutrition including diet history, food intake studies, national nutrition guidelines, and menu planning and modification. Students enrolling in this course are automatically charged the liability insurance fee. (3 hrs. lecture, 90 hrs. clinical). Prerequisite: FM20 with grade of C or higher. Corequisite: FM26. Minimum grade of C required to advance to next course in FM sequence. (offered spring semester only)

Dietetic Technician – Drafting (CAD)

FM26 / DTE122 E / 3 cr. hrs.

NUTRITION THROUGH THE LIFE CYCLE

As nutrition educators, dietetic technicians must be knowledgeable about nutritional needs of individuals of all ages, genders, cultural backgrounds and activity levels. Course conveys information to be used by students in their professional roles as nutrition educators. Consideration given to community programs which provide nutritional support to those in various age groups; special needs related to exercise, stress and energy balance; consumer concerns about foods; and issues of domestic and world hunger. Prerequisite: Grade of C or higher in previous FM courses; FM20 recommended. Corequisite: FM24. Minimum grade of C required to advance to next course in FM sequence. (offered spring semester only)

FM28 / DTE201 E / 3 cr. hrs.

INTRODUCTION TO FOOD SERVICE

Survey course introducing the variety of foods available, menu planning, purchasing and preparation. Topics include food measurement, legislation, safety and sanitation, preparation techniques for nutritional adequacy, and food acceptability. Food labs held in kitchen. Minimum grade of C required to advance to next course in FM sequence. (offered fall semester only)

FM30 / DTE203 E / 2 cr. hrs.

DIETETICS SEMINAR

Orientation to dietetics, professional organizations, ethical issues related to dietetics practice and career and educational opportunities. Multicultural differences regarding nutritional needs and food choices are explored. Pre/corequisite: FM42 with grade of C or higher. (offered spring semester only)

FM40† / DTE205† E / 7 cr. hrs.

ADVANCED CLINICAL NUTRITION

Considers rationale and characteristics of selected therapeutic diets, their application, planning, calculation and menu adjustment. (3 hrs. lecture, 132 hrs. clinical, 48 hrs. field work.) Students enrolling in this course are automatically charged the liability insurance fee. Prerequisite: FM24 with grade of C or higher. Minimum grade of C required to advance to next course in FM sequence. (offered fall semester only)

FM42† / DTE211† E / 3 cr. hrs.

FOOD SERVICE MANAGEMENT

Relates to functions of food service manager regarding policies and procedures; food procurement, preparation and service; sanitation and safety in quality food preparation; interaction and communication of food service personnel with others; personnel functions, cost control and budget implementation; layout and design of kitchen equipment; and use of computerized data processing systems. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisites: FM28 and FM40 with grade of C or higher; corequisite: FM43. (offered spring semester only)

FM43† / DTE213† E / 5 cr. hrs.

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 (1 hr. lecture, 180 hrs. field experience). Students enrolling in this course are automatically charged the liability insurance fee. Prerequisite or corequisite: FM42 with grade of C or higher. (offered spring semester only)

DRAFTING (CAD)

DR11† / DRF111† A / 3 cr. hrs.

MECHANICAL DRAFTING

Introductory course designed to develop basic skills and knowledge fundamental to all areas of engineering and architectural drawing. Included are orthographic projection, pictorial drawing, dimensioning and sectioning practices, as well as geometric construction, use of instruments, lettering and inking. Lab work includes examples from mechanical, architectural and electrical construction and engineering graphics. (2 hrs. lecture, 3 hrs. laboratory.) No prerequisite.

DR14† / DRF114† — A / 3 cr. hrs.

AUTOCAD I

Trains students in use of AUTOCAD system. Topics include edit and inquiry commands, display controls, system libraries, attribute utilization and customizing techniques. (2 hrs. lecture, 3 hrs. laboratory.) No prerequisite.

DR17† / DRF217† A / 3 cr. hrs.

ARCHITECTURAL DRAFTING: RESIDENTIAL

Basic residential planning, including floor plans, elevations, sections and perspective drawings. Selected specific topics are produced using computer-assisted drafting system. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DR14 or permission of department.

DR18† / DRF218† A / 3 cr. hrs.

ARCHITECTURAL DRAFTING: PRESENTATIONS

Aesthetic design of simple structures. Topics include site plans, perspective, modeling and rendering techniques, and use of computer-assisted drafting system. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DR17.

DR19† / DRF219† A / 3 cr. hrs.

ARCHITECTURAL DRAFTING: STRUCTURAL

Design of industrial and commercial structures, including structural steel and reinforced concrete working drawings. Utilization of computer-assisted drafting system for preparation of drawings is included. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DR17.

**DR20† / DRF220†
AUTOCAD II**

A / 3 cr. hrs.

Enhances or upgrades skills in application of AUTOCAD software. Covers advanced operations from polylines through 3D drawing to rendering. Students learn to create professional drawings and presentations including slide shows and walk-throughs. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DR14 or permission of department.

DR51† / DRF223†

A / 3 cr. hrs.

**INTRODUCTION TO 3D MODELING,
RENDERING AND ANIMATION**

Hands-on introduction to 3D design, presentation and animation potential of 3D Studio Max and AutoCAD. Students learn fundamental 3D CAD skills necessary to create basic 3D models, renderings and animations and gain broad understanding of software's capabilities to see how they might take full advantage of these powerful design and communication tools. During class each student has exclusive use of a state-of-the-art computer and is guided through a series of short tutorial projects. Students learn how to create wire frame, surface and solid models; apply lighting and materials; create renderings and animations such as an architectural walk thru, forensic reenactment or artistic expression. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DR14 or permission of instructor.

**EARLY CHILDHOOD EDUCATION/
EDUCATION****ED11 / EDU101**

A-E-G / 3 cr. hrs.

**FOUNDATIONS OF EARLY CHILDHOOD
EDUCATION**

Overview of early childhood education theory, history, philosophy and psychology. Current issues also examined and critiqued. Includes 10 hours of field visits to various early childhood programs. No prerequisite.

ED12 / EDU201

A-E-G / 3 cr. hrs.

INTRODUCTION TO EDUCATION

Focuses on foundations of educational system in U.S. Students study the school in relation to historical and philosophical premises of education; analyze relationship among social and cultural influences on school and curriculum; examine role of teacher within cultural context; and study physical organization of schools and classrooms in relation to educational goals and curriculum. This class includes observing classes in an elementary school (10 hrs.) or a secondary school (20 hrs.). Some school districts require fingerprinting and criminal background checks (at student's expense) before allowing students to observe their classrooms. Prerequisites: matriculation in the Education (Child Study, curriculum code 112) or Adolescence Education (middle and secondary schools, curriculum codes 113, 114, 115, 116, 117, 118) programs and successful completion of 30 or more credits.

ED22 / EDU111

A-E-G / 3 cr. hrs.

EARLY CHILDHOOD ACTIVITIES

Concepts, objectives and instructional techniques for developmentally appropriate experiences for the young child. Learning activities for all curriculum areas included. 10 hours of practicum visits to early childhood programs required as in ED11. Prerequisite or corequisite: ED11.

ED23 / EDU113

A-E-G / 3 cr. hrs.

**INFANTS AND TODDLERS: PROGRAMS
AND CARE**

Study of programs, curriculum and care of children ages 6 weeks through the second year who are in group care settings. Appropriate techniques for fostering emotional, physical, social and cognitive development of the very young are examined. Field visits to infant and toddler programs required as in ED11 and ED22. No prerequisite.

ED25† / EDU115†

A-E-G / 3 cr. hrs.

CREATIVE ACTIVITIES: ART

Study of developmental levels in children's art. Means and appropriate techniques by which a child's development is fostered through a variety of media are examined. Prerequisites or corequisites: ED11 and PC11, and enrollment in Early Childhood Education curriculum or permission of department or appropriate campus administrator.

Note: Students enrolled in Early Childhood Education (curriculum code 330) majors must achieve a minimum grade of C in each Early Childhood Education course in order to continue on to the next course in the Early Childhood Education sequence and to qualify for graduation. Students permitted to repeat a course only once.

ED33† / EDU211†

A-E-G / 3 cr. hrs.

INSTRUCTING THE YOUNG CHILD

Examination of role of early childhood worker in educational setting and in relationships with children, parents, staff and directors, and other program workers. Fosters development of observational skills and instructional techniques. Students enrolling in this course are automatically charged the liability insurance fee. (2 hrs. lecture, 3 hrs. practicum.) Prerequisite: ED22. Recommended: concurrent enrollment in or completion of ED25, ED35 or ED45. (offered fall semester only)

Note: Prior to enrolling in ED33, a student who wishes to continue in the Early Childhood Education program must make a formal application with the Admissions Office and submit all required health forms. Other than ED11, ED22 and ED23, all Early Childhood Education courses are restricted to students enrolled in the code 330 curriculum.

ED35 / EDU215

A-E-G / 3 cr. hrs.

CREATIVE ACTIVITIES: MUSIC

Study of musical needs of young children and appropriate instructional techniques. Emphasis on understanding rhythms and creating and using suitable materials. Prerequisites: ED11 and enrollment in Early Childhood Education curriculum or permission of department or appropriate campus administrator.

ED44† / EDU221† **A-E-G / 4 cr. hrs.**
THE CHILD AND HIS/HER WORLD

Study of the young child's development of self-image and his/her perception of life, death and family roles. Students enrolling in this course are automatically charged the liability insurance fee. (2 hrs. lecture, 6 hrs. field work.) Prerequisite: ED33. Recommended: concurrent enrollment in or completion of ED25, ED35, or ED45. (*offered spring semester only*)

ED45 / EDU202 **A-E-G / 3 cr. hrs.**
CREATIVE ACTIVITIES: LITERATURE

Survey of all forms of children's literature and developmentally appropriate presentation techniques. Prerequisites: ED11 and enrollment in Early Childhood Education curriculum or permission of department or appropriate campus administrator.

ED51-54A / EDU151-154A**ED55-57G / EDU155-547G****ED58-60E / EDU158-160E** **A-E-G / 3-4 cr. hrs. each**
SPECIAL TOPICS IN EARLY CHILDHOOD EDUCATION

Special and current topics in Early Childhood Education. Content varies from year to year.

EARTH AND SPACE SCIENCE**ES15† / ESC101†** **A-E-G / 4 cr. hrs.**
INTRODUCTION TO GEOLOGY

Study of Planet Earth, its origin, structure, composition and the forces which shape its surface. Plate tectonics provides framework for understanding processes of volcanism, mountain building and earthquakes. External forces such as glaciers, streams and ocean waves are examined in order to interpret the landscape. Laboratories include studies of minerals, rocks, maps, photographs and other materials used by geologists to study the earth. Some field work required. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

ES16† / ESC102† **A-E-G / 4 cr. hrs.**
EVOLUTION OF EARTH AND LIFE

Introduction to evolutionary aspects of geology, development of continents, mountains and basins through the ages, and the parallel evolution of plants and animals. Laboratory stresses fossil relationships and stratigraphic problems. Field trips include fossil collecting. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

ES17† / MET101† **A-E-G / 4 cr. hrs.**
INTRODUCTION TO WEATHER

Introduction to elements and energies that are basic processes described as weather. Basic principles such as temperature, pressure, density, humidity and air movement are studied to provide basis for understanding long- and short-range forecasting, including severe weather phenomena such as hurricanes, tornadoes and storms. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

ES18† / MET102† **A-E / 4 cr. hrs.**
PRINCIPLES OF WORLD CLIMATE

Introduction to distribution and causes of world climatic regions. Examines regional surface-atmosphere interactions that determine local climate. Major climate system phenomena discussed including global warming, ozone depletion, earth-sun relations and climate evolution. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

ES21† / AST101† **A-E-G / 4 cr. hrs.**
ASTRONOMY OF THE SOLAR SYSTEM

Introduction to fundamental aspects of planetary science. Topics include historical development of astronomy; basic concepts of celestial coordinates and motions; properties and individual characteristics of planets and their moons, asteroids, comets and meteoroids; and origin and evolution of solar system. Students also learn to identify celestial objects (constellations, prominent stars, planets, etc.) utilizing planetarium, telescopes and unaided eye. Occasional evening observations required. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

ES22† / AST102† **A-E-G / 4 cr. hrs.**
ASTRONOMY OF STARS AND GALAXIES

Introduction to fundamental aspects of universe beyond our solar system. Topics include properties of electromagnetic radiation and its relation to study of celestial objects; structure, classification and evolution of stars, nebulae, star clusters, galaxies, and material between stars. Age, origin and evolution of universe studied in terms of modern cosmology. Occasional evening observations required. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or permission of instructor.

ES24† / ESC124† **A / 4 cr. hrs.**
ENVIRONMENTAL GEOLOGY

Topics include current environmental issues relating to geologic environment. Teaches geologic hazards, land use planning and development, surface and subsurface water systems, solid waste disposal and management, energy sources and consumption, and air quality. Requires attendance on field trip(s) and at town planning board meetings. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

ES41-44A / AST/ESC/MET151-153A**ES45-47G / AST/ESC/MET154-156G****ES48-49E / AST/ESC/MET157-159E****A-E-G / 3-4 cr. hrs. each**
SPECIAL TOPICS IN EARTH AND SPACE SCIENCE

Special and current topics in earth and space science. Content varies from year to year. Prerequisite: MA07 or equivalent.

Note: ES courses not involving laboratory work do not satisfy laboratory science requirements for any curricula.

ES51-54† / ESC251-254† A / 1-4 cr. hrs.

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: ES15.

ES55† / ESC202† A / 4 cr. hrs.

GEOMORPHOLOGY

Descriptive and analytical study of land forms and landscape evolution. Use of topographic maps and stereo-aerial photographs emphasized. Cross-sections and geologic maps utilized in the laboratory and several field trips are included. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

ES57† / AST201† A-E-G / 4 cr. hrs.

OBSERVATIONAL ASTRONOMY

One-semester course devoted to systematic observations of the sun, moon, transits, eclipses, occultations and meteor showers. Various telescopes used for this study and for further study of planets, deep sky objects, binary stars, variable stars and asteroids. To best complete the course work, irregular hours of observations, planetarium sessions and field trips are required. (2 hrs. lecture, 1 hr. recitation, 2 hrs. laboratory.) Prerequisite: ES21 or ES22.

ECONOMICS

EK11 / ECO101 A-E-G / 3 cr. hrs.

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. No prerequisite.

EK21 / ECO111 A-E-G / 3 cr. hrs.

MACROECONOMICS: THE NATIONAL ECONOMY

Course begins with simplified description of a complex matter: how and how well does a national economy work? Over short periods of time, production and employment are known to be volatile, while over longer periods of time production and employment grow. Why is each of these observations true and what is role of government (if any) in the process? No prerequisite.

EK22 / ECO112 A-E-G / 3 cr. hrs.

MICROECONOMICS: PRICES AND MARKETS

Introduces structure and operation of markets for goods, resources and financial instruments. How does a market determine the price for a good? Within a market, how does the firm determine its profit-maximizing production level of a good and employment level of labor? How does competitiveness of the market affect behavior of the firm? Under what circumstances (if any) should government alter decisions of the marketplace? No prerequisite.

† Course Fee

EK32 / ECO116 E / 3 cr. hrs.

ECONOMICS OF NATURAL RESOURCE MANAGEMENT

Introduces theory and practice of natural resource management. Economic concepts of market system, marginal analysis and cost-benefit analysis are established as theoretical core of course. These conceptual tools are applied to resource management problems of air, water, energy, agriculture, forests and wildlife. A model for sustainable economic development provides overview for course and offers a management strategy for regional and global conflicts between economic growth and environmental quality. No prerequisite.

EK41-45A / ECO141-145

EK48-49E / ECO148-149 A-E / 3 cr. hrs. each

SPECIAL TOPICS IN ECONOMICS

Special and current topics in economics. Content varies from semester to semester.

EK51 / ECO2021 A-E-G / 3 cr. hrs.

INTERNATIONAL ECONOMICS

Study of underlying forces affecting economics relations among nations; development and bases of international trade; balance of payments and mechanics of adjustment; commercial policies, foreign exchange rate systems and market; and role of the United States and international agencies in the international economy. Prerequisite: EK22.

EK55 / ECO202 A-E-G / 3 cr. hrs.

MONEY AND BANKING

Monetary theory and policy is combined with a study of functions and operations of commercial and central banks. The approach is analytical, descriptive and historical. Prerequisite: EK21.

ELECTRICAL TECHNOLOGY - ELECTRONICS

TE12† / ELT112† A / 4 cr. hrs.

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. Credit not given for both TE12 and TE10 or TE11. (3 hrs. lecture, 2 hrs. laboratory.) Corequisite: MA27.

TE13† / ELT113† A / 4 cr. hrs.

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. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: admission to Electrical Technology program. Corequisites: MA27, TE12 and TE15.

TE15† / ELT115† A / 1 cr. hr.

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. (2 hrs. laboratory.) Prerequisite: admission to Electrical Technology program. Corequisites: MA27, TE12 and TE13.

TE21† / ELT221† A / 1 cr. hr.

ELECTRONIC APPLICATIONS OF MATHEMATICS

Explores mathematical theory applied to electronic circuits. Creation of sinusoidal functions through filtering, exponential waveforms in R-C and R-L circuits, phase shifting, wave-shaping and function analysis via diode and transistor circuits. Application of complex numbers in R-L-C circuits. (2 hrs. lecture.) No prerequisite.

TE22† / ELT222† A / 4 cr. hrs.

ELECTRONICS I

Operation and application of diodes, bipolar and field effect transistors and thyristors. Laboratory portion illustrates use of electronic equipment to test ideas presented in the lecture. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA27, TE12 and TE15. Corequisites: MA61 and TE24.

TE24† / ELT224† A / 4 cr. hrs.

ELECTRICITY II

The understanding of network analysis techniques learned in Electricity I is reinforced and extended to solution of networks with AC excitations. Topics emphasized include impedance, admittance, resonance and frequency response, transformers, power relations and 3-phase systems. Computers used as a problem-solving tool. Objective of the laboratory is to illustrate use of appropriate electronic equipment for testing of principles presented in the lecture. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: TE12, TE15 and MA27. Corequisite: MA61.

TE27† / ELT227† A / 1 cr. hrs.

ELECTRICAL CONSTRUCTION

Introduction to general principles and practices of troubleshooting. Topics include design and construction of printed circuit boards. Construction of electronic circuits and systems. (2 hrs. laboratory.) Prerequisites: TE12, TE13 and TE15. Corequisite: TE22 and TE24.

TE28† / ELT228† A / 3 cr. hrs.

DIGITAL ELECTRONICS II

Microprocessors and associated circuitry are examined. Topics include architecture, peripheral devices and software. Laboratory portion deals with application of concepts learned in the lecture to practical working systems. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisites: TE12, TE13, TE15 and MA27. Corequisite: TE22.

TE31 / ELT231 A / 4 cr. hrs.

ELECTRICITY III

Methods of applying mathematical techniques to electrical and electronic circuits. Topics include voltage and current in RLC circuits with various excitations, energy in electrical circuits, instantaneous and average power, etc. (4 hrs. lecture.) Prerequisites: MA61, TE24 and TE22.

TE36† / ELT236† A / 3 cr. hrs.

ELECTRONICS II

Develops a thorough understanding of electronic circuit analysis techniques. Topics include study of circuits with the following emphases: multi-stage cascaded systems, frequency response, voltage comparators, Schmitt Trigger circuits and saturated and cutoff transistors. Integrated circuits are analyzed. Laboratory portion investigates practical aspects of topics covered in the lecture. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisites: TE22 and TE24. Corequisite: TE31.

TE38† / ELT238† A / 3 cr. hrs.

DIGITAL ELECTRONICS III

Microprocessor and computer interfacing and introduction to 16 bit microcomputers. Included are computer-controlled test equipment techniques. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisites: TE22 and TE28. Corequisite: TE36.

TE41 / ELT241 A / 3 cr. hrs.

ANALOGUE COMMUNICATIONS

Introduction to analogue communication techniques such as AM, FM and pulse code modulation. Public and private communication techniques examined in reference to ISDN, video, cellular, ATM and wireless techniques. Transmission mediums and techniques utilizing fiber, cable, RF, microwave and satellite studied in depth. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisites: TE31 and TE36.

TE42† / ELT242† A / 3 cr. hrs.

DATA COMMUNICATIONS

Examines data communication systems and techniques such as multiplexing, coding, PSK and others. Explores current technology as well as proposed technology in data communications. Covers how information is transmitted utilizing current digital techniques. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisites: TE31 and TE36.

TE43† / ELT243† A / 3 cr. hrs.

ADVANCED ELECTRONICS

Capstone course where students are evaluated in equipment setup and usage, trouble-shooting skills, team building and communication skills. Students given projects to design, build and demonstrate, including amplifiers, wireless communication circuits/systems, and signal generation circuits. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: TE31, TE36 and TE38.

TE50† / ELT150† A / 3 cr. hrs.
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.

TE51† / ELT151† A-G / 4 cr. hrs.
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.

TE52† / ELT152† A-G / 4 cr. hrs.
CISCO COMPUTER NETWORKING II

Second of two-semester sequence in Local and Wide area networking. Building on knowledge gained from TE51, 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: TE51.

TE61-69 / ELT161-169 A / 3-4 cr. hrs.
SPECIAL TOPICS IN ELECTRICAL TECHNOLOGY

Special and current topics in Electrical Technology. Content varies from year to year.

ENGINEERING SCIENCE

EN12† / ENS112† A / 2 cr. hrs.
INTRODUCTION TO ELECTRONIC DESIGN

Explores basic electronic design principles and system design approaches through construction and measurement of a specific system. Projects incorporate analogue and digital circuits with learning analysis techniques utilizing circuit simulation software. Students learn basics of team building, problem solving, individual and group dynamic communication skills. Each project constructed, tested and presented by the group. (1 hr. lecture, 2 hrs. laboratory.) Corequisite: MA87.

EN17 / ENS117 A / 3 cr. hrs.
ENGINEERING COMPUTATIONS

Introductory course in use of computers for solving engineering problems. Principle emphasis on formulation of problems and their solution within framework of the C programming language. (3 hrs. lecture.) Prerequisite: admission to Engineering program.

EN18 / ENS118 A / 3 cr. hrs.
ENGINEERING MECHANICS: STATICS

Application of Newtonian mechanics to equilibrium of particles and rigid bodies, vector representation of forces in two and three dimensions, moment of a force about a point or axis; centroids and moment of inertia, laws of dry friction, and force analysis of simple structures. (3 hrs. lecture.) Prerequisite: PH71 and MA88.

EN19 / ENS119 A / 3 cr. hrs.
ENGINEERING MECHANICS DYNAMICS

Continuation of application of Newtonian mechanics to particles and rigid bodies in motion; rectilinear and curvilinear motion of particles; time-rate of change of linear momentum; angular momentum work of a force and kinetic energy; kinematics and kinetics of rigid bodies; plane motion; rigid body dynamics; and mechanical vibrations. (3 hrs. lecture.) Prerequisite: EN18.

EN31† / ENS231† A / 4 cr. hrs.
DIGITAL SYSTEMS

Analysis and design of both combination and sequential systems in digital circuits and systems. Topics include number systems and codes, logic gates, switching algebra, switching functions, kmaps, combinational and arithmetic circuits, latches and flip-flops, sequential logic and modules, semiconductor memory, PLDs and applications, introduction to design and implementation of controllers. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: PH71 or EN17.

EN32 / ENS232 A / 3 cr. hrs.
DETERMINISTIC SIGNALS AND SYSTEMS

Introduces signal analysis and system analysis with manipulation techniques for both analogue and digital signals. Sampling of analogue signals and relationships to actual analogue signal explored. Sampling theorem, concepts of linearity, time-invariance, causality in systems discussed. Convolution integral and summation as pertaining to FIR and IIR filters. Mathematical applications of differential equations, Laplace transforms, z-transforms, Fourier series and Fourier transforms. Provides foundation for control systems, communications, electronic and digital processing. (3 hrs. lecture.) Prerequisites: PH71 and MA88. Corequisites: MA90, EN33 and PH73.

EN33† / ENS233† A / 4 cr. hrs.
ELECTRICAL ENGINEERING CIRCUIT ANALYSIS

Introduction to electrical networks and devices in both DC and AC systems. Introduces analysis techniques such as Kerchief's current and voltage laws, Ohm's law, superposition reciprocity, Mesh and Nodal analysis, and Thevenin and Norton theorems. Components and circuits include resistors, capacitors, inductors, R-L, R-C and R-L-C circuits. Topics include sinusoidal steady-state response, resonance, positive real functions, power calculations, Fourier analysis, and transient analysis using Laplace Transforms. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisites: MA88 and PH71. Corequisites: MA90 and PH73.

EN42 / ENS242 A / 4 cr. hrs.

ELECTRONIC CIRCUIT DESIGN

Study of electronic devices and circuits including diodes, wave shaping circuits, rectifiers, transistors, large and small signal amplifier design, amplifier frequency response, gate and electronic switches. (4 hrs. lecture.) Prerequisites: EN33. Corequisite: EN41.

EN43 / ENS243 A / 3 cr. hrs.

RANDOM SIGNALS AND SYSTEMS

Random experiments and events; random variables, probability distribution and density functions, continuous and discrete random processes; Bernoulli, Poisson, and Gaussian processes; system reliability; Markov chains; elements of queuing theory; detection of signals in noise; estimation of signal parameters; properties and applications of auto-correlation and cross-correlation functions; power spectral density; response of linear systems and random inputs. (3 hrs. lecture.) Prerequisites: EN32 and MA90.

EN45 / ENS245 A / 3 cr. hrs.

MECHANICS OF MATERIALS

Basic principles of analysis of elastic stresses and strains in structural members. Topics include direct stresses, torsion, bending and deflection of beams and column action as well as statically determinate and indeterminate structures. (3 hrs. lecture.) Prerequisite: EN18.

EG20s and EG30sSpecialized writing and language skills courses

EG25-EG32Journalism courses

EG41-EG91Special topics, content and survey courses

EG98-99English Honors

Special Programs.The campus writing centers offer students individual attention to their writing.

IV. Emphasis and Degree Requirements

Note: The following are general guidelines. For specific degree requirements see the individual curriculum.

1. All students must take EG11. (The exception is students who receive advanced placement.)
2. All A.A., A.S., and A.A.S. degree programs require at least six credits of English.
3. EG09 and EG10 do not fulfill degree or certificate requirements.
4. EG13 is required for students in the following curricula:
 - all Associate in Arts (A.A.) degree curricula (numbered in the 100s)
 - all Associate in Science (A.S.) degree curricula (numbered in the 200s)
 - the following Associate in Applied Science (A.A.S.) degree curricula (numbered in the 300s):
 - Computer Art
 - Culinary Arts
 - Graphic Design
 - Interior Design Assistant
 - Occupational Therapy Assistant
 - Photographic Imaging
 - Veterinary Science Technology
5. Any English course (EG designation only) beyond EG11 can be counted toward the six-credit-minimum English requirement except where a particular emphasis (e.g., Humanities or Social Science) requires specific courses (see the individual curriculum.)

EG09 / ENG009 A-E-G / 3 cr. hrs.

BASIC ENGLISH SKILLS

Basic writing course for students who have difficulty organizing and expressing their thoughts clearly, who have problems with usage, or who simply lack much practice in writing. All students receive instruction in both developing and expressing ideas. Work on specific problems of spelling, punctuation and grammatical usage is drawn primarily from students' own writings. Additional work on related exercises may be required. By placement. To be taken in the first semester. Graded on an S-W-U-R basis. *Not applicable toward any degree or certificate.*

ENGLISH

I. Placement

Incoming students are initially placed in EG09, EG10 or EG11 on the basis of high school records and/or test scores. Some incoming students with superior English grades or test scores may be given advanced placement into EG35 or another appropriate course.

II. Course Selection after the First Semester

1. Those students initially placed in EG09 should take EG10 as their next course.
2. Those students initially placed in EG10 should take EG11 as their next course.
3. For courses after EG11, students should follow the degree requirements of their curriculum (as listed in the college catalog.)
4. Students who have additional questions about course selection should consult members of the English faculty.

III. Categories of English Courses

Note: Courses above EG11 are numbered on the basis of subject matter, not according to degree of difficulty.

- EG09Basic English Skills (Developmental)
- EG10Developmental Writing (Developmental)
- EG11Standard Freshman Composition
- EG13Introduction to Literature

EG10 / ENG010 **A-E-G / 3 cr. hrs.**
DEVELOPMENTAL WRITING

Emphasizes basic writing skills, outlining, development of ideas and reading comprehension. Specific topics in grammar, punctuation, spelling, vocabulary and rhetoric are assigned according to needs of the students. To complete the course, students are expected to write short expository papers which show an understanding of fundamentals of organization and effective sentence structure and which avoid gross errors in grammar and mechanics. By placement. To be taken in the first semester unless placed in EG09. Graded on an S-W-U-R basis. *Not applicable toward any degree or certificate.*

EG11 / ENG101 **A-E-G / 3 cr. hrs.**
STANDARD FRESHMAN COMPOSITION

Explores principles of rhetoric and stresses effective expository writing. Primarily a course in organization of ideas and development of these ideas through use of specific information. Also deals with matters of style, sentence structure, paragraph development, punctuation and vocabulary. Also introduces students to close reading of appropriate materials. By placement. To be taken prior to higher-numbered courses.

EG13 / ENG102 **A-E-G / 3 cr. hrs.**
INTRODUCTION TO LITERATURE

Introduction to imaginative works of literature: the short story, novel, poem and drama. Close and analytical study of this literature introduces students to major literary themes and forms. Continues training in effective prose writing and requires students to demonstrate maturity in thought and style. Recommended for those who plan to continue their studies at a four-year institution. Required for students in the following curricula: Liberal Arts and Sciences; General Studies, Humanities, Social Science; Accounting (A.S.), Business Administration (A.S.); Communications and Media Arts; and Engineering Science. Prerequisite: EG11.

EG18† / ENG107† **G / 1 cr. hr.**
THE RESEARCH PAPER

Offers students opportunity to learn sound and productive procedures for conducting research and to produce a well-organized and well-developed written report of that research. Prerequisite: EG11. LR11 recommended as pre- or corequisite.

EG20 / ENG120 **A / 3 cr. hrs.**
THE STORY OF WRITING

The computer window is the fifth great writing space that will take its place beside clay tablets of Sumerians, ancient Egyptian papyrus roll, medieval codex, and printed book. Using the computer, World Wide Web and the printed book, students independently trace and connect origins of writing from cave paintings to present use of hypertext (electronic writing). All course work done electronically (online) and requires building a Webfolio. Several workshops available throughout semester for assisting students in accessing college server. Prerequisite: EG11.

EG21 / ENG121 **A-E / 3 cr. hrs.**
TECHNICAL WRITING

Orientation in field of technical writing and editing. Introduces various forms of technical writing: reports, manuals, publication specifications and standards, proposals, training materials, brochures and technical articles. Mechanics of manuscript preparation and preparation of reproduction-ready copy are discussed in detail, as are activities of various publications departments—editing, layout, printing, quality control, etc. Prerequisite or corequisite: EG11.

EG22 / ENG122 **E / 3 cr. hrs.**
WRITING TECHNICAL REPORTS

Prepares students for professional writing through focusing on the report development process and on specific proposal and report types. Students learn strategies for successfully producing reports—planning, analyzing purpose, devising research strategies, managing time, writing drafts, managing review cycles, revising and editing. Additional general topics include design elements of reports, integration of graphics and text, style and tone, and manuscript and online preparation. Most projects assigned on individual basis; at least one is collaborative. Prerequisites: EG11 and EG21.

EG23 / EN123 **E / 3 cr. hrs.**
TECHNICAL DOCUMENTATION

Prepares students to write professional specifications and end-user documentation through applying effective document design and creating easy-to-use, task-oriented instructions for specific audiences. General topic areas include situational analysis for specifications and instructions, components of technical description and instructions, layout and design principles for user documentation, and the technical documentation process (analyzing purpose and audience, gathering data, writing drafts, troubleshooting, managing review cycles and document usability testing, revising, editing, and manuscript and online preparation). Most projects assigned on individual basis; at least one is collaborative. Prerequisites: EG11 and EG21.

EG24 / ENG124 **E / 3 cr. hrs.**
EDITING AND SPECIAL PROBLEMS

Develops skills in technical and scientific editing and prepares students for special demands in technical communication. Students gain skills in proofreading, copy editing, and manuscript or online document preparation; they also complete an editing project. The special problems portion concentrates on newly emerging areas in the discipline, which may focus on a variety of subjects such as aspects of graphics, animation or online documentation. Prerequisites: EG11 and EG21.

EG25 / ENG170 **A-E-G / 3 cr. hrs.**
INTRODUCTION TO JOURNALISM

Emphasis on various kinds of journalistic writing. Additional areas of concentration include graphics and design, photo journalism and broadcast journalism. Prerequisite or corequisite: EG11.

EG26 / ENG171 **A-E-G / 3 cr. hrs.**
INTERMEDIATE NEWS AND FEATURE WRITING

In-depth study of reporting news and writing features, with emphasis on developing sources of news, such as governmental bodies, police stations, courts and boards of education. Emphasis on covering events in municipalities in and around Suffolk County. Prerequisite: EG25 or permission of instructor. (offered spring semester only)

EG28 / ENG172 **A / 3 cr. hrs.**
MAGAZINE WRITING AND PUBLIC RELATIONS

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. Prerequisite: EG25 or permission of instructor. (offered fall semester only)

EG29 / ENG173 **A / 3 cr. hrs.**
INVESTIGATIVE REPORTING

In-depth reporting of news stories, with emphasis on news investigation. Stories include investigation of workings of local political issues, police matters, courts, boards of education, and issues regarding the college. Investigative stories are written and prepared for the course with an eye to publication in the student newspaper or a local paper. Prerequisite: EG25 or permission of instructor. (offered spring semester only)

EG30 / ENG174 **A / 3 cr. hrs.**
CONTEMPORARY NONFICTION JOURNALISM

Current books of nonfiction are read and discussed. Includes selections from books of "New Journalism" as well as nonfiction novels of a narrative and documentary type by such writers as Truman Capote, Joan Didion, Hunter Thompson, Betty Friedan, Jimmy Breslin, Tom Wolfe, Norman Mailer, Gay Talese and Theodore White. Prerequisite: EG11.

EG31† / ENG175‡ **A-E-G / 3 cr. hrs.**
JOURNALISM PRACTICUM

Offers three credits for students who work 30 contact hours per semester on the student newspaper. Includes working on all phases of the newspaper: editing, reporting, feature writing, photography, layout, advertising, editorial writing and sportswriting. Students meet weekly with instructor for evaluation of their work. Registration priority given to students working on student newspaper. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisites: EG25 and permission of instructor. Course restricted to journalism majors or newspaper staff members.

EG32 / ENG176 **A / 3 cr. hrs.**
WRITING REVIEWS AND CRITICISM

Develops skills in writing critical articles. Analyzes techniques in writing reviews of literature, music, art, drama, film and other fields. Examines current reviews from various media and scholarly journals. Also stresses critical skills in news analysis and enterpretive reporting. Prerequisite: EG11.

EG33 / ENG119 **A-E-G / 3 cr. hrs.**
THE STRUCTURE OF ENGLISH

Evolution of the English language and syntactical patterns from which English sentences are generated. Particular attention given to traditional, structuralist, and generative-transformational theories of grammar and to pedagogical and sociological assumptions underlying each. Prerequisite: EG11.

Note: This course does not satisfy the English requirement in the Liberal Arts and Sciences: General Studies curriculum.

EG35 / ENG201 **A-E-G / 3 cr. hrs.**
ADVANCED EXPOSITORY WRITING

Advanced course in writing, emphasizing good organization and forceful expression. Treats various forms of exposition: the personal essay of opinion, introspection, retrospection and experience, and the descriptive essay of observation and analysis. Prerequisite: EG11.

EG36 / ENG130 **G / 3 cr. hrs.**
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: EG11.

EG37 / ENG131 **A-E-G / 3 cr. hrs.**
CREATIVE WRITING

Develops control and style in creative writing, specifically of prose fiction, poetry and plays. Students pursue individual projects and assignments of established forms of creative writing. Discussions 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: EG11.

EG39 / ENG203 **A-E-G / 3 cr. hrs.**
ADVANCED CREATIVE WRITING/FICTION

Advanced workshop course devoted to writing fiction, with emphasis placed on development of craft, voice and editorial skills. Students submit short stories and/or novel excerpts for review and discussion. Prerequisite: EG37.

EG40 / ENG204 **A-E-G / 3 cr. hrs.**
ADVANCED CREATIVE WRITING/ POETRY

Advanced workshop course devoted to writing poetry, with emphasis on development of craft, voice and editorial skills. Students submit poems for review and discussion. Prerequisite: EG37.

EG41-44A / ENG151-154A

EG45-47G / ENG155-157G

EG48-50E / ENG158-160E A-E-G / 3 cr. hrs. each
SPECIAL TOPICS IN LITERATURE

Deals with literary issues and topics whose specific content varies from year to year.

EG51 / ENG141

A-E-G / 3 cr. hrs.

INTRODUCTION TO THE NOVEL

Through close reading of major works, students examine development of the novel from the 18th century to the present. Discussion covers techniques, themes and cultural-historical contexts of the works. Prerequisite: EG11.

EG52 / ENG142

A-E-G / 3 cr. hrs.

INTRODUCTION TO DRAMATIC LITERATURE

Study of theme, structure, characterization and imagery in representative drama from the Greeks to the Moderns. Prerequisite: EG11.

EG53 / ENG205

A-E-G / 3 cr. hrs.

CONTEMPORARY LITERATURE

Study of significant contemporary works which illustrate important themes in modern thought with emphasis on contemporary insights. Prerequisite: EG11.

EG54 / ENG206

A-E-G / 3 cr. hrs.

THE SHORT STORY

Explores origins and historical development of the short story, its unique characteristics and its relationship to other literary forms. Students read wide variety of short stories from different historical periods. Some authors who may be included are Faulkner, O'Connor, Melville, Poe, O'Henry, Updike, Cheever, Joyce, Hemingway, Welty, de Maupassant, James, Kafka and others. Prerequisite: EG11.

EG55 / ENG207

A-E-G / 3 cr. hrs.

MASS MEDIA

Study of communication techniques used by mass media in American society: newspapers, periodicals, television, radio, films. Prerequisite: EG11

Note: *This course does not satisfy the English requirement in the Liberal Arts and Sciences: General Studies curriculum.*

EG56 / ENG208

G / 3 cr. hrs.

THE DOCUMENTARY FILM

Traces development of documentary film through viewing films, reading critical essays, and discussing and writing about the films. Students analyze films focusing on cinematic elements such as point of view and narrative. Students examine films as statements by individuals living within a particular cultural framework, as instruments of propaganda, as entertainment, and as devices which expand our perspectives of world around us. Prerequisite: EG11 (Same as CN56).

Note: *Credit given for EG56 or CN56, but not both.*

EG57 / ENG209

A-E-G / 3 cr. hrs.

THE LITERATURE OF THE BIBLE

Survey of historical, prophetic and poetic literature in the Old and New Testaments with attention paid to historical and cultural context. Prerequisite: EG11.

EG58 / ENG210

A / 3 cr. hrs.

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. Prerequisite: EG11.

EG59 / ENG211

A-E-G / 3 cr. hrs.

AFRICAN-AMERICAN LITERATURE

Focuses on major works by black writers and social/historical contexts informing these works. The literature includes slave narratives, essays, autobiographies, poetry, plays and film. Among writers whose works are considered are F. Douglas, L. Brent, W.E.B. DuBois, B. T. Washington, R. Wright, J. Baldwin, G. Brooks, R. Hayden, T. Morrison, A. Walker, A. Wilson, I. Reed and T. McMillan. Prerequisite: EG11.

EG60 / ENG212

A-E-G / 3 cr. hrs.

CONTEMPORARY GLOBAL LITERATURE

Focuses on contemporary literature from Caribbean, Latin America, North and Sub-Saharan Africa, Middle East, East Asia and Southeast Asia. Prerequisites: EG11 and EG13.

EG61 / ENG213

A-E-G / 3 cr. hrs.

ENGLISH LITERATURE I

Study of major themes and styles in Middle Ages, Renaissance and Age of Reason as they appear in the works of such authors as Chaucer, Marlowe, Shakespeare, Donne, Milton, Swift and Pope. Prerequisite: EG11.

EG62 / ENG214

A-E-G / 3 cr. hrs.

ENGLISH LITERATURE II

Study of works of such Romantic poets as Blake, Wordsworth, Coleridge, Shelley, Keats and Byron; such major Victorian writers as Bronte and Tennyson; and such 20th century writers as Joyce, Thomas and Beckett. Prerequisite: EG11.

EG65 / ENG225

G / 3 cr. hrs.

THE DETECTIVE STORY

Examines development of modern detective story from its origins in mid-19th century to today's popular formats. Explores differing representations of society by "classic" British, American and contemporary multicultural writers and critiques the ways in which recent film and weekly TV series attempt to fuse classic motifs with info-age commercialism. Encourages students to become detectives themselves as they research topics for in-class discussions and papers. Prerequisite: EG11.

EG66 / ENG204 **G / 3 cr. hrs.**
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. Prerequisite: EG11.

EG71 / ENG215 **A-E-G / 3 cr. hrs.**
AMERICAN LITERATURE I

A study of primary trends and themes in literature of American writers from the Colonial Period through the Civil War. Works of such writers as Franklin, Irving, Cooper, Poe, Emerson, Thoreau, Hawthorne, Melville, Whitman and Dickinson are discussed. Prerequisite: EG11.

EG72 / ENG216 **A-E-G / 3 cr. hrs.**
AMERICAN LITERATURE II

Study of American literature from end of the Civil War to the present, highlighting such central figures as Twain, Crane, Fitzgerald, Hemingway, Faulkner, O'Neil and Frost. Prerequisite: EG11.

EG73 / ENG217 **E-G / 3 cr. hrs.**
ENVIRONMENTAL LITERATURE

Focuses on literature that investigates humankind's relationships with natural world. Among writers whose works are considered are H.D. Thoreau, R. Carson, E. Abbey, A. Dillard, W. Berry, H. Beston, W. Heyen, A. Leopold and R. Nelson. Prerequisite: EG11.

EG74 / ENG218 **G / 3 cr. hrs.**
THE HISPANIC VOICE IN AMERICAN LITERATURE

Focuses on works of modern Hispanic-American writers, including such authors as Pulitzer Prize winners Oscar Hijuelos and National Book Award nominee Cristina Garcia (Cuban-Americans), Piri Thomas and Judith Ortiz Cofer (Puerto Ricans), and Rudolfo Anaya and Sandra Cisneros (Mexican-Americans). As with all fine writers, their work deals with universal and timeless themes common to human condition. They present their fiction, poetry, drama and essays from a perspective that reflects their cultural heritage, history and experiences as a minority group living in U.S. Accordingly, their work revolves around such themes as language, alienation, identity, exile and assimilation, prejudice, cultural and ethnic pride, religion, and family. Theirs is an important and rising voice in literature of U.S. Prerequisite: EG11

EG81 / ENG219 **A-E / 3 cr. hrs.**
MODERN LITERATURE

Study of British, European and American literature of the modern period (up to and including WW II) focusing on such literary developments as naturalism, impressionism, stream of consciousness and existentialism. An attempt is made to view the works in a psychological, historical and sociological context. Writers who may be included in discussion are Dostoevsky, Hesse, Conrad, Mann, Joyce, Kafka, Camus, Yeats, and Faulkner. Prerequisite: EG11.

EG83 / ENG220 **A-E-G / 3 cr. hrs.**
SHAKESPEARE

Critical study of representative Shakespearean comedies, tragedies and histories, including examination of the Elizabethan world picture. Prerequisite: EG11.

EG85, 86 / ENG143, 144 **A-G / 3 cr. hrs.**
MASTERPIECES OF WORLD LITERATURE I AND II

Study of major works of world literature emphasizing mythological, social and philosophical backgrounds of Classical, Medieval, Renaissance and Modern periods. EG85 deals with such authors as Homer, Sophocles, Dante and Cervantes; EG86 with Moliere, Voltaire, Goethe and Tolstoy. Prerequisite: EG11.

EG91 / ENG221 **A-E-G / 3 cr. hrs.**
THE ART OF POETRY

Study of theme, form and imagery in traditional and contemporary poetry. Prerequisite: EG11.

EG96H / ENG224H **G / 3 cr. hrs.**
THE EPIC

Honors course examining a number of significant epics with view toward understanding their origins and literary impact. Each epic studied in its historical and cultural context as well as in terms of literary themes and poetic expression. Individual epics examined closely to gain appreciation of their unique qualities. In addition, issues common to a number of epics are explored. General topics include nature of the epic as expression of heroic or religious ideals, the epic as expression of cultural attitudes, difference between oral and literary epics, the epic as a particular kind of poetic experience, and heroic nature of epic poetry. Prerequisite: EG11

EG98H, 99H / ENG222H, 223H **A / 4 cr. hrs. each**
ENGLISH HONORS

Open to students with a 3.0 average or better in nine credit hours of English, including EG13. Specific content varies from semester to semester.

ENGLISH AS A SECOND LANGUAGE

Note: No ESL course (EF01-08) awards credit toward a degree.

EF01-02 ‡ / ESL011-012 ‡ A-E-G / 3 hrs. each ESL: COLLEGE READING I AND II

For students whose native language is not English. EF01 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. EF02 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. EF01 and EF02 each require minimum of 1 hour per week on selected assignments in Reading Center. Both courses graded on S/W/U/R basis. Corequisite for EF01: RELA; prerequisite for EF02: EF01; corequisite for EF02: RELB.

EF03-04 ‡ / ESL013-014 ‡ A-E-G / 3 hrs. each ESL: INTENSIVE GRAMMAR I AND II

For students who are not native speakers of English. EF03 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 structures presented through intensive study and practice. EF04 builds on skills developed in EF03 and also teaches and analyzes different types of phrases and sentences to determine their correctness and appropriateness. EF03 and EF04 each require minimum of one hour per week in Language Lab/Academic Skills Center. Both courses graded on S/W/U/R basis. Prerequisite for EF04: EF03.

EF05-06 ‡ / ESL015-ESL016 ‡ A-E-G / 3 hrs. each ESL: COLLEGE LISTENING/SPEAKING SKILLS I AND II

Develop oral communication skills of intermediate to advanced ESL students preparing for academic college courses. EF05 develops speaking and listening skills through exercises designed to involve students in discussions on selected topics in American culture and college life. EF06 continues skills development by expanding pronunciation, presentation and listening comprehension skills. EF05 and EF06 each require minimum of 1 hour per week in Language Lab/Academic Skills Center. Both courses graded on S/W/U/R basis. Prerequisite for EF06: EF05.

EF07-08 ‡ / ESL017-018 ‡ A-E-G / 3 hrs. each ESL: COLLEGE COMPOSITION I AND II

Enhance second language academic writing skills to produce clearer and varied sentences and paragraphs for students whose native language is not English. EF07 introduces essay writing and emphasizes spelling improvement, correct and appropriate use of vocabulary, idiomatic expressions and grammar in context that are often problematic for nonnative speakers. EF08 builds on skills developed in EF07 and introduces various types of academic essay writing. EF07 and EF08 each require minimum of one hour per week on selected assignments in Language Lab/Academic Skills Center. Both courses graded on S/W/U/R basis. Prerequisite for EF08: EF07.

EF20 / ESL120 G / 3 cr. hrs. ESL: INTEGRATED WRITING/GRAMMAR

Special topics course teaching learning skills by applying techniques for developing an effective approach to solving writing problems that includes using fundamental rules of grammar. Teamwork, discovery learning, critical thinking, peer assessment and self-assessment are integral to the course. Students give presentations as means of teaching applications learned from collaborative work with other students. Objective is to produce self-directed writers with skills they can apply to continually improve their writing for use in college courses and throughout their careers. Prerequisites: EF03 and EF07.

Note: Can be used to fulfill a humanities, liberal arts or unrestricted elective.

FIRE PROTECTION TECHNOLOGY

FS11 / FPT111 A / 3 cr. hrs. INTRODUCTION TO FIRE PROTECTION

Introductory survey of fire prevention, protection and suppression systems providing an overview of such elements as composition of fire, home fire safety, building construction, extinguishing agents, fire-fighting equipment, fire-fighting procedures, detection and protection systems, fire extinguishers and their utilization. Foundation for other courses in the program. No prerequisite.

FS13 / FPT113 A / 3 cr. hrs. HAZARDOUS MATERIALS I

Chemical characteristics and behavior of various materials which burn and/or react violently when acted upon by various other substances or conditions. Emphasis on flammable liquids, solids, dusts and gases, and attendant fire extinguishment problems. Study includes matter and energy, chemical and physical changes, atoms, the nucleus and planetary electrons, nuclear reactions and isotopes, atomic weights, kinetic molecular theory of state, forms of energy, conservation of energy, conversion of units, Boyle's Law, heat and its effects, halons and extinguishing agents. No prerequisite.

FS24 / FPT124 A / 3 cr. hrs.

HAZARDOUS MATERIALS II

Storage, handling, standards, explosives and firefighting 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: FS13.

FS31 / FPT131 A / 3 cr. hrs.

BUILDING CONSTRUCTION AND FACILITIES

Review of fire protection considerations in building construction and facilities, including the Building Exits Code, air conditioning and ventilating appliances, roof coverings, building construction operations and tests of building materials to determine their fire safety characteristics. No prerequisite.

FS40 / FPT140 A / 3 cr. hrs.

FIRE PROTECTION HYDRAULICS

Principles of hydraulics, suction and drafting water, velocity and discharge, friction loss calculations, engine and nozzle pressures, fire hydrants and mains, fire streams, sprinkler system calculations and pumps. No prerequisite.

FS48 / FPT148 A / 3 cr. hrs.

FIRE SERVICE MANAGEMENT AND LEADERSHIP

Principles of management as related to fire service. Includes management functions, the management cycle behavioral sciences, leadership, communications, public relations, records and reports. No prerequisite.

FS49 / FPT149 A / 3 cr. hrs.

STRATEGIES AND TACTICS

Enables students to devise strategies and tactics needed to resolve problems at fires and emergency scenes. Students learn Incident Command System, fire company operations, firefighter safety and operational guidelines, and procedures for major building types. No prerequisite.

FS50 / FPT150 A / 3 cr. hrs.

ARSON AND FIRE INVESTIGATION

History, development and philosophy of detection and prosecutorial steps with respect to the crime of arson. Discussion of socio/economic conditions behind alarming rise in number of incendiary fires. Examination of investigatory skills, interrogation, record keeping, reports, court procedure. Study of federal, state and local arson laws. Study of chemistry of fire and explosions. No prerequisite.

FS71 / FPT171 A / 3 cr. hrs.

INDUSTRIAL SAFETY ENGINEERING

Fundamentals of industrial safety including history, safety, inspections, safety organization and committees, accident investigation records and injury rates. No prerequisite.

FS72 / FPT172 A / 3 cr. hrs.

INDUSTRIAL SAFETY ENGINEERING II

More detailed safety engineering considerations, such as principles of guarding and transmission guards, local exhaust systems, electrical hazards, industrial hygiene and chemical hazards. Prerequisite: FS71.

FOREIGN LANGUAGES

(See listings for individual languages: Chinese and Hebrew (listed under "Foreign Language"), French, German, Italian, Latin, Spanish)

FOREIGN LANGUAGES 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	52 or higher
		C+ or lower	51
	1 year	A- or higher	51 or 52
		B+ or lower	12 or 51
	2 or 3 years	B- or higher	12 or 51
		C+ or lower	11 or 12
4 years or more	A- or higher	11 or 12	
	B+ or lower	11	
Level III or higher	Less than 2 years	B- or higher	12 or 51
		C+ or lower	11 or 12
	2 or 3 years	B- or higher	11 or 12
		C+ or lower	11
	4 years or more	A- or higher	11 or 12
		B+ or lower	11
Level I or II	Less than 1 year	B- or higher	11 or 12
		C+ or lower	11
	1 year or more	A- or higher	11 or 12
		B+ or lower	11

FL41-47 / FLA141-147 A-E-G / 3 cr. hrs.
SPECIAL TOPICS IN FOREIGN LANGUAGES

Special and current topics in Foreign Languages. Content varies from year to year.

FL43-44A / FLA143-144A A / 3 cr. hrs. each
ELEMENTARY CHINESE I AND II

Special topics courses that develop ability to understand Chinese. Stress 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. In addition, students begin to understand aspects of Chinese culture. No prerequisite for FL43. Prerequisite for FL44: FL43 (See guidelines chart under "Foreign Languages.")

FL47G / FLA147G G / 3 cr. hrs.
ELEMENTARY HEBREW I

Special topics course introducing basic elements and skills needed to read, write, speak and translate the language. Goals include: recognition of Hebrew alphabet; writing and speaking frequently used words and terms; recognition of at least 100 words, their meaning and use. No prerequisite.

FRENCH

FR11-12† / FRE101-102† A-E-G / 3 cr. hrs.
ELEMENTARY FRENCH I AND II

Introductory sequential courses in French which develop the four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Introduce basic concepts of French culture. Language laboratory requirement. *FR11 is for students with little or no knowledge of French; it is not appropriate for native/fluent speakers of French – FR51 is recommended or see advisor.* Prerequisite for FR12: FR11 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

Note: *Credit given for 1) either or both courses in the FR11-12 sequence or 2) FA13, but not for both options.*

FR13† / FRE113† E / 6 cr. hrs.
INTENSIVE FRENCH I AND II

Accelerated course covering elementary French sequence (FR11 and FR12) in one semester. Language laboratory requirement. *This course is not appropriate for native/fluent speakers of French – FR51 is recommended or see advisor.* No prerequisite.

Note: *May not be taken for credit after any other course in French.*

FR51† / FRE201† A-E-G / 3 cr. hrs.
INTERMEDIATE FRENCH I

Continues study of structures of French with more intensive oral and writing practice. Introduces cultural and literary selections. Language laboratory requirement. Prerequisite: FR12 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

FR52 / FRE202 A-E-G / 3 cr. hrs.
INTERMEDIATE FRENCH II

Structural review focusing on oral and written communication. Introduces social, political and cultural aspects of French world through analysis of wide range of authentic literary and cultural selections. Prerequisite: FR51 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

GEOGRAPHY

GY15 / GEO101 A-E-G / 3 cr. hrs.
WORLD REGIONAL GEOGRAPHY

General survey of fundamental geographic characteristics of principal world regions. Particular emphasis on how differences in environment and culture greatly influence lifestyle, economy and social wellbeing. Focuses on dynamic interplay between spatial variations in the landscape and ecologic processes, socioeconomic systems and philosophic beliefs. No prerequisite.

GY16 / GEO102 A-E-G / 3 cr. hrs.
CULTURE AND THE ENVIRONMENT

Cultural geography focusing on variations among cultures as they differ, through time, from place to place. Deals with origins and diffusion of agriculture, race, religion, language, technology and settlement. No prerequisite.

GY17 / GEO103 A-E-G / 3 cr. hrs.
POLITICAL GEOGRAPHY

Locational aspects of political characteristics. Emphasis directed toward geographic effects on political and territorial behavior of peoples of the world. Specific topics include changing frontiers and boundaries, territorial jurisdiction, population pressures, and colonialism and nationalism. No prerequisite.

GY20 / GEO105 E / 3 cr. hrs.
INTRODUCTION TO GEOGRAPHIC INFORMATION SYSTEMS

Introduces computer software that integrates computerized mapping technology with data bases linked through geographic coordinates. Geographic Information Systems (GIS) enhance data presentation and facilitate analysis of information tied to a geographic location. This mapping technology has applications to a broad range of academic disciplines and career fields, including environmental and community planning, political and sociological analysis, marketing and economic studies, law enforcement and health care services, and business and government management. No prerequisite.

GY41-44A / GEO240-243A
GY45-47G / GEO244-246G

GY48-50E / GEO247-249E A-E-G / 3 cr. hrs. each
SPECIAL TOPICS IN GEOGRAPHY

Special and current topics in geography. Content varies from year to year.

GERMAN**GE11-12† / GER101-102†** A-E / 3 cr. hrs.
ELEMENTARY GERMAN I AND II

Introductory sequential courses in German which develop the four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Introduce basic concepts of German culture. Language laboratory requirement. *GE11 is for students with little or no knowledge of German; it is not appropriate for native/fluently speakers of German – GE51 is recommended or see advisor.* Prerequisite for GE12: GE11 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

GE51† / GER201† A-E / 3 cr. hrs.
INTERMEDIATE GERMAN I

Continues study of structures of German with more intensive oral and writing practice. Introduces cultural and literary selections. Language laboratory requirement. Prerequisite: GE12 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages".)

GE52 / GER202 A-E / 3 cr. hrs.
INTERMEDIATE GERMAN II

Structural review focusing on oral and written communication. Introduces social, political and cultural aspects of German world through analysis of wide range of authentic literary and cultural selections. Prerequisite: GE51 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages".)

GRAPHIC DESIGN**GR20 / GRD104** E / 3 cr. hrs.
HISTORY OF GRAPHIC DESIGN

Historical study of use of graphic design as communications tool from cave drawings to present-day technology. Emphasis placed on graphic communication in 20th century. (*offered spring semester only*) No prerequisite.

GR24† / GRD101† E / 3 cr. hrs.
BASIC GRAPHIC DESIGN

Introduces techniques, technologies and principles used to produce graphic design. Demonstrates visual elements and language of graphic designers through elementary exercises in page composition, letterform and grid systems. Emphasizes developing problem-solving skills and applying graphic design theories toward projects. (1 hr. lecture, 4 hrs. studio each week.) Corequisites: GR31 and VA30. (*offered fall semester only*)

GR25† / GRD103† E / 3 cr. hrs.
TYPOGRAPHIC DESIGN

Introduces fundamentals, function and tradition of typography and its creative applications. Covers vocabulary and mastery of type designs, typesetting methods, type measurement and page layout. Emphasizes understanding letterform in design. (1 hr. lecture, 4 hrs. studio each week.) Prerequisites: GR24 and GR31 or permission of department. (*offered spring semester only*)

GR26† / GRD201† E / 3 cr. hrs.
PUBLICATION DESIGN

Explores visual problem-solving as related to area of publication design. Investigates techniques and imagery within various formats of publications such as magazines, brochures and annual reports. Students develop contemporary graphic processes and techniques with typography, digital images and experimental media using computer studio class. (1 hr. lecture, 4 hrs. studio each week.) Prerequisites: VA30, GR31 and GR25 or permission of department. (*offered fall semester only*)

GR27† / GRD202† E / 3 cr. hrs.
COMMUNICATION DESIGN

Emphasizes advanced graphic design problems requiring thought processes behind all forms of visual communications. All problems require understanding and evaluating information, learning value of research, and accurately creating communication solutions. Structured to expand student production skills, complement portfolio development goals, and prepare students for entry into world of graphic design. (1 hr. lecture, 4 hrs. studio each week.) Prerequisite: GR26 or permission of department. (*offered spring semester only*)

GR28† / GRD203† E / 3 cr. hrs.
WEB MEDIA DESIGN

Team-taught studio course exploring role of graphic designers in environment of World Wide Web. Expands development and preparation of design concepts for interactive application. Addresses computer techniques for mastery of electronic typography and imaging to create and communicate a visual message with coding language of Web. Delves into programs and properties of Web site design using software such as Macromedia Dreamweaver, Fireworks and Flash. (6 studio hrs. each week.) Prerequisites: VA30, GR31 and GR25 or permission of department. (*offered fall semester only*)

GR29† / GRD204† E / 3 cr. hrs.
WEB MEDIA PRODUCTION

Team-taught studio course concentrating on training graphic designer to develop effective electronic media. Students work on Web projects to communicate visual information. Builds upon Web design knowledge, skills and abilities obtained in GR28. Covers advanced functionality to assist in creation of many types of Web sites. (6 studio hrs. each week.) Prerequisite: GR28 or permission of department. (*offered spring semester only*)

GR31† / GRD102† E-G / 3 cr. hrs.
INTRODUCTION TO COMPUTER-BASED DESIGN

Introduces use of personal computers with page layout software for digital prepress production. Students explore page layout and drawing software, learn to combine scanned and drawn images with typography, address issues of hard copy and problems with reproduction, and review history of computers in art. Through use of this technology, students expand possibilities of visual design. Graphic Design curriculum corequisites: GR24 and VA30. *Required for all computer art and graphic design students in their first semester.*

GR36 / GRD205 E / 1 cr. hr.
GRAPHIC DESIGN PORTFOLIO ASSESSMENT

Concentrates on completion of student's portfolio of work suitable for entry into the graphic design profession. Instructors work with individual students as both mentor and advisor. Students must be in their final semester of Graphic Design curriculum. Prerequisites: GR26 and GR28. Corequisites: GR27 and GR29. Department permission required for admission into this class. *(offered spring semester only)*

HEALTH CAREERS

HC11 / HSC101 A-E-G / 3 cr. hrs.
HEALTH CONCEPTS

Basic concepts, principles, attitudes and information regarding health for students within framework of their individual needs. Designed so that students can recognize and utilize those factors which contribute to creation and maintenance of a healthy lifestyle. No prerequisite.

HC15 / HSC104 A-E-G / 3 cr. hrs.
NUTRITION CONCEPTS AND CONTROVERSIES

Ideal for persons confused about nutritional claims advertised in media. Covers identification of reliable sources of nutrition information and overview of basic nutrition principles. Discusses popular and controversial nutrition topics such as immunity, megavitamin therapy, sports nutrition, antioxidants, weight control diets and vegetarianism. No prerequisite. May be substituted for FM20 for students transferring into Dietetic Technician curriculum.

HC21 / HSC111 A-E / 3 cr. hrs.
HUMAN SEXUALITY

Interdisciplinary course offered by departments of Biology and Health Careers. Helps students understand human sexual functioning as an integrated phenomenon related to biology, emotions, motivation, personality and social interaction. A diversity of material is presented to assist students in understanding bio-psycho-social aspects of sexuality. Satisfies a liberal arts and sciences or unrestricted elective requirement, but not a social science or mathematics/science elective requirement. No prerequisite.

HC22† / HSC112† A-E-G / 3 cr. hrs.
SAFETY, FIRST AID AND CPR

Prevention and treatment of common emergency situations. Standard Red Cross techniques are utilized. Successful completion of this course qualifies the student for both the Red Cross Responding to Emergencies Certificate and a Professional Rescuer CPR Certificate. No prerequisite.

HC26† / HSC126† A-E-G / 7 cr. hrs.
EMERGENCY MEDICAL CARE I

Covers all techniques of emergency medical care presently considered within the responsibilities of the Emergency Medical Technician. 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-Defibrillation. Students enrolling in this course are automatically charged the liability insurance fee. They also must complete a thorough physical examination with their own physician at their own cost (including laboratory work) as required by the college health service. (5 hrs. lecture, 5 hrs. laboratory, 24 hours clinical rotation.) No prerequisite.

HC28† / HSC128† A / 3 cr. hrs.
CRASH VICTIM EXTRICATION

Examines range of activities that may occur, and for which rescuers need to be prepared for effective response, at the scene of a vehicle accident where emergency extrication is necessary. (3 hrs. lecture) No prerequisite.

HC34-36† / HSC234-236† A-E / 7 cr. hrs.
EMERGENCY MEDICAL TECHNICIAN CRITICAL CARE II

Emphasize skills necessary for provision of advanced life support. Successful completion of state examination results in New York State Certification, EMT-CC. Students enrolling in HC34 and HC36 are automatically charged the liability insurance fee. They also must complete a thorough physical examination with their own physician at their own cost (including laboratory work) as required by the college health service. (5 hrs. lecture, 3 hrs. laboratory, 123 hrs. total clinical/field internship.) Prerequisite and corequisite for HC34-HC36: current certification as New York State Emergency Medical Technician. Prerequisite for HC36: HC34 with minimum grade of C.

HC38 / HSC238 A-E / 3 cr. hrs.
EMERGENCY CARE SEMINAR

Evaluation and study of emergency medical system through case presentation, clinical practice and topics of concern for Suffolk County. Prerequisite or corequisite: HC26.

HC41-43A / HSC141-143A
HC51-53G / HSC151-153G

HC54-59E / HSC154-159E A-E-G / 1-4 cr. hrs. each
SPECIAL TOPICS IN HEALTH CAREERS

Special and current topics in health careers. Content varies from year to year.

HC44 / HSC114

GROUP DYNAMICS

A-E-G / 3 cr. hrs.

Introduction to concepts of behavior related to group activity and a study of sociometric techniques for the purpose of developing skill in interpersonal relationships within the health team. Recommended for students contemplating possibility of entering a health-oriented profession and/or students interested in health issues. (3 hrs. lecture.) No prerequisite.

Note: *This course does not satisfy social science, humanities or liberal arts and sciences elective requirements.*

HC50 / HSC125

INTRODUCTION TO ALCOHOLISM STUDIES

E-G / 3 cr. hrs.

Traces social ambivalence toward "responsible" use of beverage alcohol. Topics include social drinking, addiction and treatment. This course is acceptable for partial fulfillment of academic requirements for the New York State Certified Alcoholism Counselor credential. No prerequisite.

HEALTH INFORMATON TECHNOLOGY/MEDICAL RECORDS

HI14† / HIT114†

INTRODUCTION TO HEALTH INFORMATION

G / 3 cr. hrs.

The Health Information/Medical Records field and its relationship to health care. Students examine medical record content and format, procedures for collecting and processing health information, numbering and filing systems, retention of records, indexes, registers, and primary and secondary health records. (3 hrs. lecture.) Corequisites: MD11 and BY30.

HI16 / HIT116

HEALTH INFORMATION: DATA CONTENT AND STRUCTURE

G / 3 cr. hrs.

Examines content and structure of medical record used by healthcare providers. Roles of technology, standards and regulations discussed as they relate to transition from paper-based medical record to computerized medical record. (3 hrs. lecture.) Prerequisite: HI14 with C grade or higher. Corequisite: C121

HI18 / HIT118

LEGAL ASPECTS OF HEALTH INFORMATION

G / 3 cr. hrs.

Reviews policies and procedures for confidentiality, consents for treatment, and release of information. United States court structure, federal and state systems, and legal proceedings are presented. (3 hrs. lecture.) No prerequisite.

HI20 / HIT220

STUDY OF DISEASE

G / 3 cr. hrs.

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. (3 hrs. lecture.) Prerequisite: BY32, MD11.

HI22 / HIT222

QUALITY IMPROVEMENT

G / 3 cr. hrs.

Presents history and present-day applications of hospital Performance Improvement Program. Covers clinical resource management; risk management; JCAHO compliance; patient safety; customer service/patient satisfaction; physician, department and hospital report cards; data collection and analysis; statistical process control theory, and medical staff credentialing. Students develop Performance Improvement outcome indicators and report cards; review medical records for clinical pertinence; and collect, analyze and present Performance Improvement data using computer software. Emphasizes role of HIM professional in facilitating Performance Improvement in HIM Department and relationship to hospital-wide Performance Improvement. (3 hrs. lecture.) Recommended prerequisite: HI25.

HI25 / HIT225

HEALTH INFORMATION STATISTICS

G / 3 cr. hrs.

Enhances information acquired in HI14. 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 setting. (3 hrs. lecture.) Prerequisites: HI14 with C grade or higher, BY32 and MA23.

HI27† / HIT227†

DIRECTED CLINICAL PRACTICE I

G / 2 cr. hrs.

Provides independent practical application of material presented in Health Information Statistics. Students gain experience in affiliated area hospitals. During clinical experience, students required to attend an on-campus seminar to discuss their assignments. Students enrolling in this course are automatically charged the liability insurance fee. (1 hr. seminar, 3 hrs. clinical.) Prerequisites: HI16 and HI18 with C grade or higher.

HI35 / HIT235

CODING AND CLASSIFICATION SYSTEMS

G / 3 cr. hrs.

Introduction to medical nomenclatures and diagnostic classification systems and relationship of coding to reimbursement. Overview of International Classification of Diseases, 9th version, Clinical Modification (ICD 9 CM) and other coding systems is presented. Students code utilizing medical and practice exercises. (3 hrs. lecture.) Corequisite: HI20.

HI36 / HIT236

ADVANCED CODING/CPT-4 AND REIMBURSEMENT METHODOLOGIES

G / 3 cr. hrs.

Focuses on applying advanced coding techniques. Students are taught CPT-4 coding. Present forms of reimbursement and importance of new legislation emphasized. (3 hrs. lecture.) Prerequisite: HI35 with C grade or higher.

HI37† / HIT237† **G / 2 cr. hrs.****DIRECTED CLINICAL PRACTICE II**

Develops coding skills through clinical experience in various affiliated health care settings. Students attend a weekly on-campus seminar during clinical experience to discuss clinical experience and review completed field work. Students enrolling in this course are automatically charged the liability insurance fee. (1 hr. seminar, 3 hrs. clinical.) Prerequisite: HI35 with C grade or higher.

HI39 / HIT239 **G / 3 cr. hrs.****HEALTH INFORMATION MANAGEMENT AND SUPERVISION**

Covers functions of management in health care field as well as role of supervisor in health information management department. Presents interviewing, employee orientation, in-service, budgeting and performance appraisal. Emphasizes role of health information management professional and relationship to hospital-wide functions such as billing, reimbursement and performance improvement. (3 hrs. lecture.) Prerequisite: HI35 with C grade or higher. Corequisite: HI36.

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

HV13 / HVA111 **G / 4 cr. hrs.****COMPUTER APPLICATIONS IN 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. (3 hrs. lecture, 3 hrs. laboratory.) No prerequisite.

HV14† / HVA131† **G / 5 cr. hrs.****REFRIGERATION AND AIR CONDITIONING SYSTEMS**

Teaches fundamental knowledge of air conditioning and refrigeration theory as well as basic electricity. Develops job-entry knowledge for installing, operating, troubleshooting and repairing refrigeration and air conditioning systems. Students construct operating refrigeration systems that serve as trainers as they learn to solder, braze, flare swage, leak test, evacuate, charge, service and evaluate both refrigeration and electrical circuits of HVAC/R systems. (3 hrs. lecture, 4 hrs. laboratory.) No prerequisite.

HV16† / HVA141† **G / 5 cr. hrs.****HEATING SYSTEMS**

Covers operation, installation, servicing and maintenance of oil, gas and electric heating equipment, including water heaters. Emphasis placed on theory of operation of fossil fuel systems as well as electric and reverse-cycle refrigeration systems (heat pumps). In lab, students disassemble and evaluate component parts of oil burners, ignition systems, fan centers and other devices instrumental in operation of heating equipment. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisites: HV13 and HV14.

HV17† / HVA222† **G / 4 cr. hrs.****HVAC/R CONTROL SYSTEMS**

Covers electrical and solid-state devices used to control operation of air conditioning, heating and refrigeration systems. Students construct and evaluate circuits and their components to gain solid understanding of how components function together to provide desired system operation. Students troubleshoot components and design control systems based on projects assigned in class. Projects include control systems for air conditioning, oil heating, gas heating, and reverse-cycle refrigeration systems. Emphasis also on motor controls as well as pneumatics. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisites: HV14 and HV16.

HV18† / HVA232† **G / 5 cr. hrs.****HVAC/R COMMERCIAL SYSTEM**

Covers commercial air conditioning, heating and refrigeration systems. Emphasis on installation, service and troubleshooting, as well as air distribution systems, psychrometrics, water-cooled equipment, cooling towers and chillers. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisites: HV14 and HV16.

HV19† / HVA242† **G / 5 cr. hrs.****DIAGNOSTICS AND SERVICING**

Teaches skills needed to logically and accurately troubleshoot and diagnose HVAC/R systems as well as skills needed to perform successful service calls. Emphasis on customer service, professionalism and organization, while using prior HVAC/R knowledge to restore proper system operation. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisite: HV16.

HV20† / HVA252† **G / 4 cr. hrs.****HVAC/R SYSTEM DESIGN**

Students complete necessary calculations, drawings and proposals to execute three major design projects which may include, but are not limited to, gas-fired forced air systems with air conditioning, oil and/or gas-fired hydronic or radiant heat systems, heat pump systems, commercial and residential 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; 4 hrs. laboratory.) Prerequisites: HV18 and MA41.

HV30† / HVA260‡ **G / 3 cr. hrs.**
HVAC/R INTERNSHIP

Provides supervised, real-world experience with carefully selected HVAC/R contractors. Through required weekly seminars, students receive instruction on topics related to employment environment while obtaining practical work experience. Students must perform minimum of 120 supervised, field-service hours. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisites: completion of minimum of 24 credit hours in HV courses and minimum grade point average of 2.5, or written permission from Co-operative Education Coordinator and either Director of HVAC/R department or Campus Dean.

HISTORY

Note: *History courses may be taken in any order; there are no prerequisites, except for HS20. All history courses qualify as social science electives.*

HS11 / HIS101 **A-E-G / 3 cr. hrs.**
WESTERN CIVILIZATION I

Study of principal forces that have shaped European civilization from antiquity to 1715. No prerequisite.

Note: *Credit given for either HS11 or ID11, but not both.*

HS12 / HIS102 **A-E-G / 3 cr. hrs.**
WESTERN CIVILIZATION II

Study of ideas, politics and economies that influenced European civilization since 1715. No prerequisite.

Note: *Credit given for either HS12 or ID12, but not both.*

HS20 / HIS201 **A-E / 3 cr. hrs.**
INTRODUCTION TO MEDIEVAL EUROPE

Western Europe from breakup of the Roman Empire to the 15th century (476-1475), emphasizing political, social, economic and intellectual forces that shaped medieval civilization. Prerequisite: HS11 or permission of instructor.

HS22 / HIS107 **A-E-G / 3 cr. hrs.**
MODERN WORLD HISTORY

Study of major developments in world history from World War II to the present. Issues of war, population, the environment and the international economy are analyzed. No prerequisite.

HS33 / HIS103 **G / 3 cr. hrs.**
FOUNDATIONS OF AMERICAN HISTORY

Survey of American history from its colonial beginnings through the Civil War. Topics include origin and development of American ideals, American Revolution and constitution, westward expansion and Jacksonian Democracy, social and economic changes in the mid-19th century, slavery and the Civil War. No prerequisite.

HS34 / HIS104 **A-E-G / 3 cr. hrs.**
MODERN AMERICAN HISTORY

Analysis of American history from mid-19th century to the present. Topics include impact of industrialism, development of America as a world power, increased role of federal government, and present state of American society. No prerequisite.

HS38 / HIS105 **A-E / 3 cr. hrs.**
WOMEN'S ROLE IN AMERICAN HISTORY

Analysis of the part that women played in American history from Colonial period to the present. Emphasis on social, political and religious attitudes toward women; status of women; influence of specific women; female involvement in important movements and organizations, etc. No prerequisite.

HS39 / HIS106 **A-E / 3 cr. hrs.**
HISTORY OF LONG ISLAND

Major events, personalities and factors shaping development of Long Island from pre-Colombian past to present. Covers historical highlights in Nassau and Suffolk Counties in general and examines local towns and their contributions. Also provides background for present and prospective teachers wishing to prepare themselves for state education department's directive that elementary schools teach local history. No prerequisite.

HS41-44A / HIS141-144A
HS48-50E / HIS148-150E
HS45-47G / HIS145-147G
A-E-G / 3 cr. hrs.
SPECIAL TOPICS IN HISTORY

Special and current topics in history. Content varies from year to year.

HS51 / HIS118 **A-E / 3 cr. hrs.**
MAJOR WORLD CULTURES

Major intellectual and cultural achievements of the world's great non-European civilizations. Stresses global integration and the need to understand the unique beliefs and contributions of the many different human communities that have given shape to our present-day world civilization. No prerequisite.

HS57 / HIS119 **A-E-G / 3 cr. hrs.**
THE FAR EASTERN WORLD

Survey of historical, geographic, cultural and economic forces and features influencing people and policies of China and Japan. Special emphasis on contemporary problems of Far East. No prerequisite.

HS90 / HIS120 **A-E-G / 3 cr. hrs.**
HISTORY OF RELIGION

Origins, development and impact of major religions of the contemporary world: Hinduism, Buddhism, Confucianism, Taoism, Shinto, Judaism, Christianity and Islam. Main beliefs and practices of these religions are analyzed in relation to the social, economic, political and cultural background of each population. No prerequisite.

HONORS**EG96H / ENG224H****G / 3 cr. hrs.****THE EPIC**

Honors course examining a number of significant epics with view toward understanding their origins and literary impact. Each epic studied in its historical and cultural context as well as in terms of literary themes and poetic expression. Individual epics examined closely to gain appreciation of their unique qualities. In addition, issues common to a number of epics are explored. General topics include nature of the epic as expression of heroic or religious ideals, the epic as expression of cultural attitudes, difference between oral and literary epics, the epic as a particular kind of poetic experience, and heroic nature of epic poetry. Prerequisite: EG11

EG98H, 99H / ENG222H, 223H A / 4 cr. hrs. each**ENGLISH HONORS**

Open to students with a 3.0 average or better in nine credit hours of English, including EG13. Specific content varies from semester to semester.

HM28H / HUM115H**A / 4 cr. hrs.****HUMANITIES HONORS CORE COURSE**

Honors course offering students opportunity to engage in an interesting and intellectually challenging examination of works inspired by creative imaginations, past and present. Primary purpose of course is to promote knowledge, understanding, love of the creative process, and appreciation of contributions that great writers, artists and philosophers have made to humanity. While some topics might vary from one semester to the next, a core of themes in art, literature and philosophy explored from a global, interdisciplinary perspective remain constant. Prerequisite: Admission to Honors Program.

HM77H / HUM120H**A / 4 cr. hrs.****THE GREAT ROMANCE**

Special topics Honors course offering voyage into beginnings and development of Western Romanticism. Interdisciplinary exploration of the composers, poets, writers and artists whose social, political and artistic views were formed in Europe during the 19th century. Relationship between composer, poet and painter is explored in depth. Among artists studied are Beethoven/Schiller, Schubert/Goethe and Debussy/Monet. Also includes study of poetry of Blake, Wordsworth, Coleridge, Keats, Byron and Shelley, as well as paintings of David, Goya, Delacroix, Gericault, Turner and Constable. Concert and museum attendance is required. Prerequisite: Enrollment in Honors Program or permission of Campus Dean or Honors Program office.

HM81H / HUM125H**G / 4 cr. hrs.****THE COMIC MUSE**

Special topics Honors course providing serious look at comedy and exploring different methods and styles its creators have used to provoke laughter, including farce, satire, parody, comedy of manners and comedy of ideas. Classic and contemporary work ranging from Aristophanes to Monty Python is studied and compared to criticism which analyzes how and why comedy works.

HM87H / HUM130H**G / 4 cr. hrs.****THE REVENGE THEME**

Special topics Honors course demonstrating that human appetite for revenge is a persistent theme of story tellers from antiquity to contemporary popular culture. Examines past and present social, moral and legal attitudes toward revenge by analyzing the revenge theme in drama, fiction, film, folk tale and song, including works which treat the avenger as hero and those which probe the destructive effects of obsessive revenge and the moral dilemmas involved.

HM88H / HUM135H**G / 4 cr. hrs.****SHAKESPEARE IN PERFORMANCE**

Special topics Honors course comparing and contrasting production of Shakespeare's plays by different artists to observe how the artistry of diverse directors, actors, designers, etc., can affect the finished product. Students read selected plays, examine what is known about staging in Shakespeare's time, and view videotapes of various stage, film and television productions to assess the impact of these artists on the audience's perception of the original texts. Adaptations of Shakespeare plays into ballet, foreign film, modern drama, musical and opera are also considered. Prerequisite: Permission of Campus Dean or Honors Program coordinator.

HM92H / HUM140H**E / 4 cr. hrs.****THE ORIGINS OF MODERNISM**

Special topics Honors course which examines early decades of Modernist movement (1890-1920). Provides full and enriched understanding of idea of modernism by looking at works from many genres including painting, architecture, literature, philosophy, music and film. Also includes discussion of political, social, scientific and cultural trends that helped create Modernist ethos. Some key figures studied include artists: Monet, Picasso and Duchamp; writers: Pound, Eliot, Kafka, Mann and Rilke; and musicians: Debussy, Stravinsky and Schoenberg. Some of major movements that comprise Modernism such as Impressionism, Expressionism, Futurism and Surrealism are also addressed.

HM94H / HUM145H E / 4 cr. hrs.
**THE BEAT GENERATION IN NEW YORK
 AND PARIS**

Special topics Honors course dealing with modernist roots and development of a post-modernist aesthetic. Emphasis on individuals who were involved in this transition: the Beats in New York and San Francisco, and the New Wave in Paris. All areas of art, music and literature are examined.

ID45H / IND120H E / 4 cr. hrs.
**MAKING MEANING: AN INTRODUCTION
 TO REASONING AND RESEARCH**

Honors course introducing theoretical and practical aspects of reasoning and research employed in science, social science and humanities. In this course research is considered as one step within a process of analytical reasoning where students first develop inferences and formulate tentative explanations, then conduct research to obtain evidence to support or disprove these explanations, and finally integrate evidence and explanation to articulate new and original conclusions. Students examine logic and scientific method, explanations of unconscious motivation in psychology, and use of metaphor to convey meaning in the humanities. In addition to theoretical considerations of reasoning and research employed in these three intellectual disciplines, students prepare individual research papers on topics of their choice which formulate research questions and use evidence logically to support their arguments and conclusions. No prerequisite.

MA28H / MAT115H A-G / 4 cr. hrs.
**MATHEMATICS: AN HISTORICAL
 PERSPECTIVE**

Honors course showing how mathematical methods and thinking have changed through centuries and are evolving still. Emphasis placed on people and events that are understandable to students with ordinary mathematics backgrounds. Covers material from ancient to present times and attempts to trace impact that mathematics has had on modern culture. (Offered fall semester at Grant Campus, spring semester at Ammerman campus.) No prerequisite.

SC28H / SOC115H A / 4 cr. hrs.
**SOCIAL SCIENCE HONORS CORE
 COURSE**

Honors core course focusing on multidisciplinary approach to study of the social sciences, which includes anthropology, economics, geography, history, political science, sociology and psychology. Courses designed in broad-based manner with intent of examining a topic relevant to a particular social scientist but one that includes more than a single discipline or a single methodology. Therefore, content and substance of each course varies with each instructor, but is inclusive of as many disciplines within social sciences as are appropriate and necessary. Students expected to be actively engaged in classroom discussions, as well as to complete written assignments that involve rigorous research and application of creative thinking. Ultimate goal of course is to engender a knowledge and love of social sciences while providing necessary insights into the human condition. Prerequisite: Admission to Honors Program.

SC49H / SOC121H A / 4 cr. hrs.
AMERICAN DREAMS

Honors course. In a sense, American Dreams is a romp, a cruise or, depending on one's perspective, a grand tour of American intellectual history. From War of Independence to war on poverty, Americans have demonstrated an unswerving faith in the power of reason and a passion to create a new Jerusalem from a wilderness continent. Although the nation has had shameful episodes of bigotry and intolerance, the historic thrust of the American people has been the search for a new horizon. No prerequisite.

SC60H / SOC125H E / 4 cr. hrs.
THE ATOMIC AGE

Honors core course exploring many ways that power of the atom has affected modern world. History of atomic science discussed, including examination of discoveries of scientists such as Ernest Rutherford, Neils Bohr, Mme. Curie, Albert Einstein and others. Additional topics include Manhattan Project and bombing of Hiroshima and Nagasaki; threat of atomic weapons during Cold War; peaceful development and use of nuclear power to generate electricity; and application of atomic science in fields such as chemistry, medicine and astronomy. Controversial aspects of atomic energy discussed including opposition to nuclear arms testing and proliferation; dangers posed to environment by radioactive waste; accidents at Three Mile Island, Chernobyl and Tokaimura; and danger of "nuclear terrorism" in post-Cold War world. No prerequisite.

SC62H / SOC130H **E / 4 cr. hrs.**
CONCEPT OF FREEDOM IN AMERICAN SOCIETY

"...that all men are created equal, that they are endowed by their creator with certain inalienable rights, that among these are life, liberty and the pursuit of happiness."

Thus, the Declaration of Independence describes the great American concept of individual rights. Throughout our history we have striven to interpret the ideals of rights and liberties into practical political and social behaviors. We have waged military battles to spread their "truths" to other countries and cultures. And we argue among ourselves as to the definition and privileges of these so-called universal rights.

This Honors course studies the background and path of history of these ideas and discusses their applications to try to make sense and action out of the Founding Fathers' dreams. No prerequisite.

SC65H / SOC135H **E / 4 cr. hrs.**
INDIVIDUAL RIGHTS VERSUS SOCIETAL NEEDS

Since the advent of Western civilization, the rights and needs of the individual have been in tension with the safety and success of society. This Honors course takes students through an intensive study of the process to find a working balance between people and institutions they have used to fit themselves into society. By combining the disciplines of history, sociology, political science, economics and art history, students examine the tension of individuals trying to maintain their dignity and identity against the needs of order and organization to make society work together. No prerequisite.

SM27H / SCI127H **A / 4 cr. hrs.**
EVOLUTION AND SOCIETY

Honors course demonstrating that evolution is key to understanding biology and environment in which we live and also to understanding a number of issues that affect all citizens. Course introduces historical and mechanistic aspects of evolutionary biology. Implications of evolution for current social and political issues also considered. Intended to serve either as core course in Honors Program or as non-laboratory science elective in other programs. Open to all students in Honors Program and to others by permission of instructor or Honors coordinator. (3 hrs. lecture, 1 hr. recitation.) Prerequisite: MA07 or equivalent. Exposure to high school or college science helpful.

SM66H† / MAR116H† **E / 4 cr. hrs.**
LONG ISLAND'S MARINE ENVIRONMENT

Long Island's marine environment is fragile. Honors core course examining what is being done to harm it and what can be done to protect it. Teaches how local, state and federal governments rate severe beach erosion problems on the south and north shores. No prerequisite.

SM68H† / MAR118H† **A-E / 4 cr. hrs.**
ENVIRONMENTAL ISSUES IN OCEANOGRAPHY

Honors core course introducing biological, geological, chemical and physical dynamics of the sea. Man's dependence on and utilization of the sea as a resource is highlighted along with how this interaction impacts marine life, habitats and water quality. Political, social and economic factors influencing sea's utilization given prominence during lecture sessions. Laboratory sessions permit students to experience quantitative side of oceanography by collecting, studying and culturing marine animals and plants; testing sea water for pollutants and essential compounds; computing biomass and population sizes; measuring beach elevations and erosion rates; quantifying water movements and flow volumes; and using oceanographic tools and equipment. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MA07 or equivalent.

HORTICULTURE

HO11† / HOR111† **E / 3 cr. hrs.**
INTRODUCTION TO HORTICULTURE

Introduction to basic skills of horticulture. Techniques of digging and planting trees and shrubs, pruning plant materials, seasonal propagation of woody and non-woody plants, use of horticultural equipments, winterizing and landscape are presented. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite.

HO17 / HOR112 **E / 3 cr. hrs.**
THE HORTICULTURE INDUSTRY

Survey course dealing with range of horticulture and its career offerings. Presents laws and regulations pertaining to horticulture along with specific information on starting horticultural business. Methods of presentation include lectures, field trips to various horticultural establishments, guest speakers and student reports. (1 hr. lecture, 3 hrs. field work.) No prerequisite.

HO21† / HOR113† **E / 3 cr. hrs.**
SOIL TECHNOLOGY

Offers theoretical and practical knowledge of soils in terms of horticultural activity. Topics include soil identification, properties, analysis, fertilizers, sterilization and mixtures. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite.

HO25 / HOR114 E / 3 cr. hrs.**LAWN CARE AND LANDSCAPE PLANTS**

Deals with such lawn maintenance practices as fertilization, disease, weed and insect control, irrigation and lawn renovation. The selection, use and value of commonly used trees and shrubs also studied. Recommended prior courses: HO21 and BY21. No prerequisite.

HO34 / HOR121 E / 3 cr. hrs.**PLANT PROPAGATION**

Teaches methods used to reproduce plants through techniques such as seeds, cuttings, grafting and layering. To accomplish this, course provides and relies on hands-on experiences gained through propagation of plants using greenhouse facilities and other available horticultural equipment and growing areas. Requires research paper on propagation of specific plant. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite.

HO35† / HOR122† E / 4 cr. hrs.**GREENHOUSE CROP PRODUCTION**

Commercial practices related to production of major floricultural crops. Consideration given to production requirements, environmental control and management, and cultural techniques affecting production of pot plants and cut flowers. (3 hrs. lecture, 3 hrs. laboratory.) No prerequisite.

HO41 / HOR123 E / 3 cr. hrs.**PLANT PROTECTION**

Common plant pests and current methods of pest control. Topics include life cycles, identification, pesticides and herbicides. Enables students to successfully pass licensing examination administered by Department of Environmental Conservation. Satisfies current classroom requirements for pesticide applicators license. No prerequisite.

HO45 / HOR124 E / 4 cr. hrs.**PLANT IDENTIFICATION**

Provides foundation in plant identification through use of taxonomic keys and study of individual plants. Categories of plants to be identified include annuals, perennials, trees, nursery plants, house plants and weeds. Recommended previous course: BY21.

HO47 / HOR125 E / 3 cr. hrs.**ANNUALS AND PERENNIALS**

Identification, care and use of annuals and perennials in the landscape. How annuals and perennials can be effectively incorporated into landscape designs to provide color accents and sequences of bloom is emphasized. Overview of production principles for these plants is also presented. No prerequisite.

HO50† / HOR131† E / 3 cr. hrs.**HORTICULTURAL CROPS I**

Growing and care of greenhouse, nursery and other specialty crops in applied setting. Emphasizes application of proper cultural practices and development of integrated pest management strategies. Crops are grown and marketed each semester, with each semester producing different crops. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite.

HO51† / HOR132† E / 3 cr. hrs.**HORTICULTURAL CROPS II**

Continuation of cropping practices developed in Horticultural Crops I. Plant materials for spring production are grown. Production geared toward spring sales. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite.

HO52† / HOR133† E / 3 cr. hrs.**FLORAL DESIGN**

Design of floral pieces for special occasions and holidays is the goal of this course. Students learn basic floral design principles, commercially used floral designs, as well as nature of work in a retail florist shop. No prerequisite.

HO54† / HOR134† E / 3 cr. hrs.**HORTICULTURAL MANAGEMENT**

Discusses and applies strategies for successful care of plant materials in both indoor and outdoor landscapes. Emphasizes development of maintenance calendars for plant care as well as development of contracts for plant care programs. Focuses on care of all aspects of a given landscape. Appropriate materials, tools and equipment are presented and discussed. No prerequisite.

HO55† / HOR135† E / 3 cr. hrs.**LANDSCAPE DESIGN I**

How residential landscapes are planned using proper design principles and drafting techniques. A final project consisting of site analysis, landscape design, and presentation involving an actual residential location is part of this course. (2 hrs. lecture, 2 hrs. laboratory.) Recommended previous courses: HO45, HO47.

HO56† / HOR136† E / 3 cr. hrs.**LANDSCAPE DESIGN II**

Design and construction of landscape features such as decks, walks and retaining walls. Pricing of these features and their incorporation into a landscape design also considered. (2 hrs. lecture, 2 hrs. laboratory.) Recommended previous course: HO55.

HO57† / HOR137† E / 3 cr. hrs.**COMPUTERIZED LANDSCAPE DESIGN**

Presents techniques and skills necessary to develop and present landscape designs utilizing plot plan and photo imaging computer programs. Drafting tables used for development of ideas and design. Students establish pricing for their designs and access plant database libraries utilizing software. No prerequisite.

HO58 / HOR138 E / 3 cr. hrs.
WINES AND VINES

The eastern end of Long Island is one of the finest and fastest-growing wine producing regions of the world. This special topics course provides overview of art and science of grape growing (viticulture), wine making (enology), wine tasting and wine marketing. Explores basic principles of wine production and fermentation and modern grape growing practices with local experts. Examines principles of sensory evaluation and market supply and demand from consumer's viewpoint. No prerequisite.

HO60-69 / HOR161-169 E / 3 cr. hrs. each
SPECIAL TOPICS IN HORTICULTURE

Special and current topics in horticulture. Content varies from year to year.

HO68 / HOR141 E / 3 cr. hrs.
THE HOME GARDENER

Special topics course teaching skills basic to successful gardening through a combination of televised programs and in-class instruction. From soils and planting techniques to proper use of plants in the garden you are guided through a series of topics designed to get your home gardening off to a good start. Learn how to grow better plants and add to your horticultural background. Weekly televised topics supplemented by hands-on classroom experience designed to help develop some of these skills and practices. No prerequisite.

HO91† / HOR151† E / 3 cr. hrs.
**HORTICULTURE INTERNSHIP/
COOPERATIVE**

Places horticulture students into businesses that provide work experience in student's area of interest. Depending upon the student, placements are with retail or wholesale greenhouses, florists, garden centers, and landscape design and maintenance businesses. Scheduling of the course attempts to coincide with the industry's seasonal work schedule. Students enrolling in this course are automatically charged the liability insurance fee. No prerequisite.

HUMANITIES

Note: See list on page 184 of other subjects which satisfy "Humanities Area" elective requirements,

HM28H / HUM115H A / 3 cr. hrs.
HUMANITIES HONORS CORE COURSE

Honors course offering students opportunity to engage in an interesting and intellectually challenging examination of works inspired by creative imaginations, past and present. Primary purpose of course is to promote knowledge, understanding, love of the creative process, and appreciation of contributions that great writers, artists and philosophers have made to humanity. While some topics might vary from one semester to the next, a core of themes in art, literature and philosophy explored from a global, interdisciplinary perspective remain constant. Prerequisite: Admission to Honors Program.

HM31 / HUM111 A-E-G / 3 cr. hrs.
THE HOLOCAUST

Literature and film emerge from the most profound of human experiences. In the 20th century, perhaps the most profound of those experiences was the Holocaust. The scope of hatred, deadlines of purpose, and organization of mass murder raise questions which have become more and more disturbing even as we move away from the event. This course examines not only the roots and nature of the Holocaust, but also how internationally known writers and filmmakers have reacted to the event. No prerequisite.

HM44 / HUM114 A-E-G / 3 cr. hrs.
MYTHOLOGY

Analyzes nature of myth and explores dominant themes and archetypes 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.

HM46 / HUM116 A-E-G / 3 cr. hrs.
SEXISM AND THE HUMANITIES

Investigates philosophical, mythological and religious origins of sexism and develops the way these create a gendered perspective in all societies. Analyzes definitions of sexism and implications of biological differences. Investigates consequences of sexism and efforts to create alternatives through study of women and men in the arts (art, music, language, literature and popular media.) No prerequisite.

HM48, 49 / HUM148, 149 A / 3 cr. hrs. each
WOMEN AND THE ARTS

Interdisciplinary rotating course, its content varying from semester to semester. No prerequisite.

HM50 / HUM120 E / 3 cr. hrs.
**EFFECTIVE THINKING: PROBLEM
SOLVING, REASONING AND
COMPREHENSION**

Studies mental processes associated with sequential analytical thought. Focus of first part of course is thoughtful introspection. Classroom and text activities entailing verbal reasoning, analogical relationships, predicating patterns, and creative problem solving develop insight and understanding of one's own thought processes. Second part of course encourages thoughtful involvement with current controversy. Students learn analytical skills necessary for evaluation of controversial ideas presented from various perspectives in contemporary writing using journal articles, newspaper and magazine articles, editorials and essays. No prerequisite.

HM51 / HUM121 E-G / 3 cr. hrs.
**DEVELOPING CREATIVE IMAGINATION
 IN THE ARTS**

Theoretical foundation as well as practical experience in approaching problems of communication in literature and visual arts. Studies such areas as form, symbol and narrative meaning within selected historical contexts (e.g., romantic, modern, post-modern) to show how one interprets and gives meaning to creations of artists and writers. Also offers students opportunity to engage intensively in creative problem solving in the arts. Prerequisite: EG11.

HM52 / HUM122 A / 3 cr. hrs.
GENDER AND THE LAW

Examines place and image of women within American legal system. Investigates religious influences and philosophical origins of gender differences in the law, with emphasis on issues such as hate crimes, child custody and divorce. No prerequisite.

HM60† / HUM130† A-E / 3 cr. hrs.
**CAREER INTERNSHIPS: EQUITY,
 CHOICES AND PROFESSIONALISM IN
 THE WORKPLACE**

Offers broad spectrum of work opportunities in private sector as well as governmental agencies, under supervision of selected sponsors. In addition to six hours per week of field work, students attend weekly seminar. In this way, they learn to integrate theory and practice and recognize their own potential for change. They examine legal, public and private forces operating in the professions, such as affirmative action, tokenism and harassment. In the process, students develop organizational skills, ability to analyze social structure of the workplace and, above all, to think creatively about their ultimate career goals. Course can fulfill a humanities, liberal arts and sciences or unrestricted elective. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisite: EG11 or permission of instructor. Recommended: minimum of 12 credit hours.

HM71-79A / HUM240-246A

HM81-89G / HUM247-253G

HM91-99E / HUM254-259E A-E-G / 3 cr. hrs. each
SPECIAL TOPICS IN THE HUMANITIES

Special topics in humanities from an interdisciplinary perspective. Content varies from semester to semester.

HM77H / HUM120H A / 4 cr. hrs.
THE GREAT ROMANCE

Special topics Honors course offering voyage into beginnings and development of Western Romanticism. Interdisciplinary exploration of the composers, poets, writers and artists whose social, political and artistic views were formed in Europe during the 19th century. Relationship between composer, poet and painter is explored in depth. Among artists studied are Beethoven/Schiller, Schubert/Goethe and Debussy/Monet. Also includes study of poetry of Blake, Wordsworth, Coleridge, Keats, Byron and Shelley, as well as paintings of David, Goya, Delacroix, Gencault, Turner and Constable. Concert and museum attendance is required. Prerequisite: Enrollment in Honors Program or permission of Campus Dean or Honors Program office.

HM81H / HUM125H G / 4 cr. hrs.
THE COMIC MUSE

Special topics Honors course providing serious look at comedy and exploring different methods and styles its creators have used to provoke laughter, including farce, satire, parody, comedy of manners and comedy of ideas. Classic and contemporary work ranging from Aristophanes to Monty Python is studied and compared to criticism which analyzes how and why comedy works. No prerequisite.

HM83 / HUM249 G / 3 cr. hrs.
AFRICAN ART AND CULTURE

Special topics 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.

HM87H / HUM130H G / 4 cr. hrs.
THE REVENGE THEME

Special topics Honors course demonstrating that human appetite for revenge is a persistent theme of story tellers from antiquity to contemporary popular culture. Examines past and present social, moral and legal attitudes toward revenge by analyzing the revenge theme in drama, fiction, film, folk tale and song, including works which treat the avenger as hero and those which probe the destructive effects of obsessive revenge and the moral dilemmas involved. No prerequisite.

HM88H / HUM135H G / 4 cr. hrs.
SHAKESPEARE IN PERFORMANCE

Special topics Honors course comparing and contrasting production of Shakespeare's plays by different artists to observe how the artistry of diverse directors, actors, designers, etc., can affect the finished product. Students read selected plays, examine what is known about staging in Shakespeare's time, and view videotapes of various stage, film and television productions to assess the impact of these artists on the audience's perception of the original texts. Adaptations of Shakespeare plays into ballet, foreign film, modern drama, musical and opera are also considered. Prerequisite: Permission of Campus Dean or Honors Program coordinator.

HM89 / HUM253 G / 4 cr. hrs.
FILM, LITERATURE AND THE HOLOCAUST

Special topics course demonstrating that from the British military documentary of Bergen-Belsen's liberation to *Life is Beautiful* and *The Pianist*, film has transmitted the lessons of the Nazi Holocaust. In examining the sixty years since the beginning of World War II, students learn how film presentation of Nazi Holocaust emerged. Studies World War II documentary film footage and examines variations and stages of film and television production used to convey this critical historical event to the public.

HM92H / HUM140H E / 4 cr. hrs.
THE ORIGINS OF MODERNISM

Special topics Honors course which examines early decades of Modernist movement (1890-1920). Provides full and enriched understanding of idea of modernism by looking at works from many genres including painting, architecture, literature, philosophy, music and film. Also includes discussion of political, social, scientific and cultural trends that helped create Modernist ethos. Some key figures studied include artists: Monet, Picasso and Duchamp; writers: Pound, Eliot, Kafka, Mann and Rilke; and musicians: Debussy, Stravinsky and Schoenberg. Some of major movements that comprise Modernism such as Impressionism, Expressionism, Futurism and Surrealism are also addressed.

HM94H / HUM145H E / 4 cr. hrs.
THE BEAT GENERATION IN NEW YORK AND PARIS

Special topics Honors course dealing with modernist roots and development of a post-modernist aesthetic. Emphasis on individuals who were involved in this transition: the Beats in New York and San Francisco, and the New Wave in Paris. All areas of art, music and literature are examined. No prerequisite.

HUMAN SERVICES

Note: Enrollment in SS22 and above is limited to students officially admitted to the Human Services Program.

SS11 / HUS101 A / 3 cr. hrs.
INTRODUCTION TO SOCIAL WELFARE

Survey of historical, social, political and economic influences on social welfare system in United States. Includes examination of prevailing social problems of concern to human service professionals, descriptions of current public welfare programs and their predecessors, and overview of fields of practice in social welfare. Requires 25 hours of volunteer service in local social service agency. Open to all students. Serves as unrestricted, liberal arts or social science elective for students not enrolled in Human Services Program. (offered daytime in fall semester and evening in spring semester) No prerequisite.

SS12 / HUS103 A / 3 cr. hrs.
INTERVIEWING IN SOCIAL WORK PRACTICE

Overview of theory and skills integral to the interview as part of the social work process of helping. Includes discussions and demonstrations of stages of the professional helping interview, impact of interviewer attitudes, cross-cultural interviewing, types of social work interviews and general principles of interviewing. Role-play and classroom experiential learning are significant course components. SS11 must be completed prior to or simultaneously with this course to proceed in the program courses. Offered day and evening only in spring semester. (2 hrs.lecture, 2 hrs. laboratory.) Prerequisite or corequisite: SS11 with grade of C or better.

SS22† / HUS201‡ A / 5 cr. hrs.
HUMAN SERVICES SEMINAR AND FIELD PRACTICUM I

Classroom study in seminar setting along with 140 hours of off-campus field work. Students are placed in social work 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. Field work component is completed primarily during day hours. Enrollment requires permission of instructor and completion of preplacement essay. Offered fall semester only. (3 hrs. seminar, 8 hrs. laboratory totaling 140 field hours.) Prerequisites: admission to Human Services curriculum and grade of C or better in SS11 and SS12; corequisite: SS30.

SS23† / HUS211† A / 6 cr. hrs.
HUMAN SERVICES SEMINAR AND FIELD PRACTICUM II

Classroom study in seminar setting along with 180 hours of off-campus field work. Students continue intensive supervised experience working at social work agency that began in SS22. 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 hours.) Prerequisites: SS30 and SS22 with grade of C or better.

SS30 / HUS205 A / 3 cr. hrs.
THEORY AND METHODS OF HELPING IN THE HUMAN SERVICE

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. (3 hrs. lecture.) (*offered online or days only in fall semester*) Prerequisites: grade of C or better in SS11 and SS12. Corequisite: SS22.

SS41-44 / HUS141-144 A / 3 cr. hrs.
SPECIAL TOPICS IN HUMAN SERVICE

Special and current topics in the human services. Content varies from year to year.

INFORMATION PROCESSING

IP12† / INP101† A-E-G / 4 cr. hrs.
WORD

Provides lecture and hands-on experience in basic text editing and advanced word processing applications utilizing personal computer and Word software. Prerequisite: keyboarding skill of 25 wpm or permission of instructor.

IP20 / INP120 G / 4 cr. hrs.
COMPUTER APPLICATIONS IN THE MEDICAL OFFICE

Introduction to computer software applications and word processing in the medical office. Students learning to become medical assistants develop computer skills using a word processing program and medical administrative software package. They learn to draft and edit documents, input patient information, schedule appointments, handle billing, produce lists and reports, and handle insurance claims both on forms and electronically. Prerequisite: OT25, keyboarding proficiency or permission of department.

IP30† / INP130† A-G / 3 cr. hrs.
COMPUTER APPLICATIONS IN THE LAW OFFICE

Familiarizes students with uses of computer software applications in the law office. Students training to become paralegals learn to draft and edit documents, coordinate computer file and disk management, and access databases for litigation support, time accounting and billing, docket control, calendar management, forms generation and general ledger. No prerequisite.

INTERDISCIPLINARY STUDIES

ID11 / IND101 A / 3 cr. hrs.
CIVILIZATION: THE HUMAN EXPERIENCE I

Development of Western culture from beginning of recorded history through 15th century. Team teaching concentrates on artistic contributions such as literature, painting, sculpture, music and architecture, and experience of politics, religion, science and philosophy. The historical element serves as the synthesizing force in this integrative approach to study of Western culture. Satisfies either humanities or social science course requirements. Prerequisite or corequisite: EG11.

Note: *Credit given for ID11 or HS11, but not both.*

ID12† / IND102† A / 3 cr. hrs.
CIVILIZATION: THE HUMAN EXPERIENCE II

Development of Western culture from 15th century to the present. Team teaching emphasizes impact of historical change (revolution, nationalism, industrialism, imperialism) upon the humanities (music, art, literature, philosophy.) The historical element serves as the synthesizing force in this integrative approach to study of Western culture. Satisfies either humanities or social science course requirements. Prerequisite or corequisite: EG11.

Note: *Credit given for HS12 or ID12, but not both.*

ID15 / IND120 G / 3 cr. hrs.
LEADERSHIP DEVELOPMENT STUDIES

Provides emerging and existing leaders opportunity to explore concept of leadership and to develop and improve their leadership skills. Integrates reading from the humanities, experiential exercises, films and contemporary readings on leadership. No prerequisite.

ID33 / IND123 A / 3 cr. hrs.
JEWISH THOUGHT AND CULTURE

Examines intellectual and cultural achievements of Jewish civilization. In particular, the central philosophical idea of Judaism is examined through writings of key Jewish philosophers such as Maimonides, Rosenzweig and Buber. Cultural achievements in such areas as literature, film, art, and music are discussed both for their intrinsic aesthetic value and for what they reveal about Jewish life. No special background or prerequisite is needed.

ID45H / IND120H E / 4 cr. hrs.
**MAKING MEANING: AN INTRODUCTION
 TO REASONING AND RESEARCH**

Honors course introducing theoretical and practical aspects of reasoning and research employed in science, social science and humanities. In this course research is considered as one step within a process of analytical reasoning where students first develop inferences and formulate tentative explanations, then conduct research to obtain evidence to support or disprove these explanations, and finally integrate evidence and explanation to articulate new and original conclusions. Students examine logic and scientific method, explanations of unconscious motivation in psychology, and use of metaphor to convey meaning in the humanities. In addition to theoretical considerations of reasoning and research employed in these three intellectual disciplines, students prepare individual research papers on topics of their choice which formulate research questions and use evidence logically to support their arguments and conclusions. No prerequisite.

ID60-69 / IND160-169 A / 3 cr. hrs.
**SPECIAL TOPICS IN INTERDISCIPLINARY
 STUDIES**

Special and current topics in interdisciplinary studies. Content varies from year to year.

ID80‡ / IND140‡ A-E / 3 cr. hrs.
**INTERDISCIPLINARY COOPERATIVE
 EDUCATION AND INTERNSHIPS**

Supervised work experience directly related to a student's interest or major. For students pursuing a variety of career options, including those related to social sciences, humanities and liberal arts. Through required weekly seminar, students receive instruction on topics related to the employment environment and integrate classroom theory with practical work experience. Satisfies unrestricted or liberal arts credit except for students in career areas which offer a co-op/internship option. Students must complete a minimum total of 120 hours in their supervised work experience. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisites: completion of minimum of 24 credit hours, minimum grade point average of 2.5, or permission of Cooperative Education coordinator and department or campus Office of Instruction.

SE15 / ENV115 E / 3 cr. hrs.
ENVIRONMENTAL ISSUES

Focuses on cause and effect relationship of pollution and environmental degradation. Emphasis on current environmental issues threatening well-being of earth's ecosystems, resources and populations. Special attention given to Long Island's environmental problems.

Note: *Credit given for SE15 or SE28, but not both. Does not fulfill a laboratory science requirement.*

SE28 / ENV128 A / 3 cr. hrs.
**CONTEMPORARY ENVIRONMENTAL
 PROBLEMS**

Identifies and examines current environmental problems from viewpoint of environmental, social, political and economic consequences. Solutions are formulated and their impact examined.

Note: *Credit given for SE28 or SE15, but not both. Does not fulfill a laboratory science requirement.*

INTERIOR DESIGN

IN13‡ / INT101‡ E / 3 cr. hrs.
INTERIOR DESIGN I

Introduction to aesthetic, cultural and functional considerations that shape the interior environment. Focus of lecture component is history of furniture, architecture and the decorative arts from ancient to Renaissance in both Western and Eastern cultures. Principles of design, color and textiles are explored as they relate to interior space. Studio sessions introduce design tools necessary for developing floor plans, scale drawings and elevations. Several major residential design projects are undertaken in which client and environmental considerations are addressed. (1 hr. lecture, 4 hrs. studio each week.) No prerequisite. (*offered fall semester only*)

IN14‡ / INT103‡ E / 3 cr. hrs.
INTERIOR DESIGN II

Continuation of Interior Design I in which more complex design problems are approached and drafting skills refined. Illustrated lectures give detailed history of our design heritage as we trace the development of English, American and modern architecture, furniture and aesthetic movements of the 20th century. 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 to designed solution. Presentation, rendering techniques and oral skills are developed. An emphasis is placed on professionalism and oral communication skills. (1 hr. lecture, 4 hrs. studio each week.) Prerequisite: IN13 or permission of instructor. (*offered spring semester only*)

IN15‡ / INT201‡ E / 3 cr. hrs.
INTERIOR DESIGN III

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. Thumbnail sketches and color studies are supplemented by floor plans, perspectives and isometric drawings. Creative presentation techniques and refined oral skills emphasized. (6 hrs. studio each week.) Prerequisite: IN14 or permission of instructor. (*offered fall semester only*)

IN16 / INT235 E / 2 cr. hrs.
DESIGN SEMINAR

Capstone course which reviews information for the National Council of Interior Design Qualification Examination emphasizing NYS building codes and requirements of barrier-free design. Portfolio development is required. (2 hrs. lecture each week.) Prerequisite: IN15 or permission of instructor. (*offered spring semester only*)

IN51† / INT205† E / 3 cr. hrs.
INTERIOR DESIGN GRAPHICS

Foundation course in process of visual communication for interior designers. One interior space of approximately 2,000 square feet is designed based on program and space analysis, building codes, and architectural and structural constraints. Two-dimensional working drawings such as floor, demolition, construction, furniture and lighting plans, and elevations are the graphic means for problem-solving. Three-dimensional drawings, axonometric and perspective, complete the design process. (6 hrs. studio each week.) Prerequisite: IN13. (*offered fall semester only*)

IN52† / INT220† E / 4 cr. hrs.
MATERIALS AND CONSTRUCTION METHODS FOR INTERIOR DESIGNERS

Synthesizing of product knowledge and finishes. Proper application and details stressed. Students develop a complete set of schedules for windows, doors, wall finishes, plumbing fixtures and lighting. Modelmaking, code requirements, barrier-free design, estimating and cost analysis are integrated into the series of drawings. (2 hrs. lecture, 4 hrs. studio per week.) Prerequisite: IN51 or permission of instructor. (*offered spring semester only*)

IN53† / INT225† E / 3 cr. hrs.
AUTOCAD FOR INTERIOR DESIGNERS

Introduction to AutoCAD. Develops skills in basic drafting and editing commands, adding text and dimensions to drawings, plotting techniques, floor plans, elevations and symbol libraries. Also explores use of layers, blocks and attributes. Corequisite: IN14, IN51. (*offered spring semester only*)

IN54 / INT208 E / 3 cr. hrs.
PROFESSIONAL PRACTICE FOR INTERIOR DESIGNERS

Introductory course which examines practical, financial, legal and business considerations of the practicing interior designer. Case studies provide the basis for formulation of contracts, cost and materials estimating, pricing, project development and letters of agreement. Professional ethics and interpersonal communication skills as they relate to the field and to client relationships are emphasized. Students required to participate in field trips that may exceed scheduled classroom hours. Prerequisite: IN14 or permission of instructor. (*offered fall semester only*)

IN79† / INT230† E / 3 cr. hrs.
COOPERATIVE EDUCATION AND INTERNSHIPS IN INTERIOR DESIGN

Supervised on-the-job training directly related to field of interior design. Integrates classroom theory with practical work experience. A weekly one-hour seminar held on campus and a minimum of 120 hours working in interior design field are required. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisites: IN15, IN51, IN54 and a minimum overall cumulative grade point average of 2.80. (BU80 or ID80 may be substituted for IN79 with permission of department.) (*offered spring semester only*)

ITALIAN

IT11-12† / ITL101-102† A-E-G / 3 cr. hrs.
ELEMENTARY ITALIAN I AND II

Introductory sequential courses in Italian which develop the four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Introduce basic concepts of Italian culture. Language laboratory requirement. *IT11 is for students with little or no knowledge of Italian; it is not appropriate for native/fluent speakers of Italian – IT51 is recommended or see advisor.* Prerequisite for IT12: IT11 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

Note: Credit given for (1) either or both courses in the IT11-12 sequence or (2) IT13, but not for both options.

IT13† / ITL113† A-E-G / 6 cr. hrs.
INTENSIVE ELEMENTARY ITALIAN I AND II

Accelerated course covering elementary Italian sequence (IT11 and IT12) in one semester. Language laboratory requirement. *This course is not appropriate for native/fluent speakers of Italian – IT51 recommended or see advisor.* No prerequisite.

Note: May not be taken for credit after any other course in Italian.

IT51† / ITL201† A-E-G / 3 cr. hrs.
INTERMEDIATE ITALIAN I

Continues study of structures of Italian with more intensive oral and writing practice. Introduces cultural and literary selections. Language laboratory requirement. Prerequisite: IT12 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

IT52 / ITL202 A-E-G / 3 cr. hrs.
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. Prerequisite: IT51 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages".)

IT60 / ITL220 **A-G / 3 cr. hrs.**
ITALIAN CONVERSATION AND COMPOSITION

Advanced-level Italian course focusing on development of oral and written communication skills within wide range of contexts and situations. Reviews specific grammatical structures, broadens general vocabulary and enhances correct pronunciation techniques to strengthen accuracy and precision in oral and written Italian. Prerequisite: IT52 or fulfillment of equivalent high school placement requirements. (See guidelines chart under "Foreign Languages".)

IT61 / ITL221 **A-G / 3 cr. hrs.**
CULTURE AND CIVILIZATION OF ITALY

Overview of culture and civilization of Italy through examination of literature, history and art forms, including film, music and mass media. *Given in Italian.* Prerequisite: IT52 or fulfillment of equivalent high school placement requirements. (See guidelines chart under "Foreign Languages".)

IT62 / ITL222 **A-G / 3 cr. hrs.**
SURVEY OF MODERN ITALIAN LITERATURE

Study of representative works of 20th and 21st century Italian literature. Students read, analyze and discuss selections from prose, poetry and theatre. *Given in Italian.* Prerequisite: IT52 or fulfillment of equivalent high school placement requirements. (See guidelines chart under "Foreign Languages".)

JOURNALISM

Note: *Journalism courses satisfy English elective requirements.*

EG25 / ENG170 **A-E-G / 3 cr. hrs.**
INTRODUCTION TO JOURNALISM

Emphasis on various kinds of journalistic writing. Additional areas of concentration include graphics and design, photo journalism and broadcast journalism. Prerequisite or corequisite: EG11.

EG26 / ENG171 **A-E-G / 3 cr. hrs.**
INTERMEDIATE NEWS AND FEATURE WRITING

In-depth study of reporting news and writing features, with emphasis on developing sources of news, such as governmental bodies, police stations, courts and boards of education. Emphasis on covering events in municipalities in and around Suffolk County. Prerequisite: EG25 or permission of instructor. (*offered spring semester only*)

EG28 / ENG172 **A / 3 cr. hrs.**
MAGAZINE WRITING AND PUBLIC RELATIONS

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. Prerequisite: EG25 or permission of instructor. (*offered fall semester only*)

EG29 / ENG173 **A / 3 cr. hrs.**
INVESTIGATIVE REPORTING

In-depth reporting of news stories, with emphasis on news investigation. Stories include investigation of workings of local political issues, police matters, courts, boards of education, and issues regarding the college. Investigative stories are written and prepared for the course with an eye to publication in the student newspaper or a local paper. Prerequisite: EG25 or permission of instructor. (*offered spring semester only*)

EG30 / ENG174 **A / 3 cr. hrs.**
CONTEMPORARY NONFICTION JOURNALISM

Current books of nonfiction are read and discussed. Includes selections from books of "New Journalism" as well as nonfiction novels of a narrative and documentary type by such writers as Truman Capote, Joan Didion, Hunter Thompson, Betty Friedan, Jimmy Breslin, Tom Wolfe, Norman Mailer, Gay Talese and Theodore White. Prerequisite: EG11.

EG31† / ENG175† **A-E-G / 3 cr. hrs.**
JOURNALISM PRACTICUM

Offers three credits for students who work 30 contact hours per semester on the student newspaper. Includes working on all phases of the newspaper: editing, reporting, feature writing, photography, layout, advertising, editorial writing and sportswriting. Students meet weekly with instructor for evaluation of their work. Registration priority given to students working on student newspaper. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisites: EG25 and permission of instructor. Course restricted to journalism majors or newspaper staff members.

EG32 / ENG176 **A / 3 cr. hrs.**
WRITING REVIEWS AND CRITICISM

Develops skills in writing critical articles. Analyzes techniques in writing reviews of literature, music, art, drama, film and other fields. Examines current reviews from various media and scholarly journals. Also stresses critical skills in news analysis and enterpretive reporting. Prerequisite: EG11.

LATIN

LA11-12 / LAT101-102 A / 3 cr. hrs. each
ELEMENTARY LATIN I AND II

Beginning sequential courses in Latin which develop sentence structure including noun forms and verb usages of tense, mood and voice. Attention given to influence of Latin on English vocabulary. Reading of authentic cultural, literary and historical materials. Prerequisite for LA12: LA11 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

LIBRARY RESEARCH

Note: *Credit given for LR11 or LR15, but not both.*

LR11 / LIB101 A-E-G / 1.5 cr. hrs.
RESEARCH ESSENTIALS: THE LIBRARY
AND THE INTERNET

Information literacy course that provides students with essential skills for finding and using information from traditional and Internet sources. Through demonstrations and hands-on activities, students gain techniques for defining research topics, creating search strategies, gathering relevant sources, and critically evaluating information. No prerequisite.

Note: *Can be used to fulfill Freshman Seminar requirement.*

LR15 / LIB103 A-E-G / 3 cr. hrs.
LIBRARY RESEARCH METHODS

Enhances basic concepts and skills needed to complete college-level research. Prepares individuals to make effective life-long use of information sources and information systems. Instruction focuses on developing systematic method of research and gaining confidence in techniques of locating information, including electronic resources.

Note: *Can be used to fulfill Freshman Seminar requirement.*

MARINE BIOLOGY AND OCEANOGRAPHY

MB20† / MAR111† A-E / 4 cr. hrs.
MARINE BIOLOGY

Populations of animals and plants inhabiting Long Island's intertidal and nearshore environments are studied. Special attention given to the biology and natural history of these organisms. Community relationships and effects of abiotic environment on coastal populations also emphasized. Prerequisite: MA07 or equivalent.

MB25† / MAR115† E / 3 cr. hrs.
FIELD WORK IN MARINE BIOLOGY

Biological sampling and field techniques in collection and preservation of marine organisms form backbone of this course. Consideration given to classification, morphology and natural history of marine flora and fauna of the study area. (Study areas vary from year to year.) May be repeated for credit when study areas vary. Prerequisite: MA07 or equivalent.

OC15† / MAR105† A-E-G / 4 cr. hrs.
INTRODUCTION TO OCEANOGRAPHY

Life in the oceans is studied against a background of its interaction with the physical, chemical and geological environment. Lectures, laboratory and field trips explore fundamental properties which underlie oceanic phenomena. For liberal arts and general studies students. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

SM66H† / MAR116† E / 4 cr. hrs.
LONG ISLAND'S MARINE
ENVIRONMENT

Long Island's marine environment is fragile. Honors core course examining what is being done to harm it and what can be done to protect it. Teaches how local, state and federal governments rate severe beach erosion problems on the south and north shores. No prerequisite.

SM68H† / MAR118† A-E / 4 cr. hrs.
ENVIRONMENTAL ISSUES IN
OCEANOGRAPHY

Honors core course introducing biological, geological, chemical and physical dynamics of the sea. Man's dependence on and utilization of the sea as a resource is highlighted along with how this interaction impacts marine life, habitats and water quality. Political, social and economic factors influencing sea's utilization given prominence during lecture sessions. Laboratory sessions permit students to experience quantitative side of oceanography by collecting, studying and culturing marine animals and plants; testing sea water for pollutants and essential compounds; computing biomass and population sizes; measuring beach elevations and erosion rates; quantifying water movements and flow volumes; and using oceanographic tools and equipment. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MA07 or equivalent.

MATHEMATICS

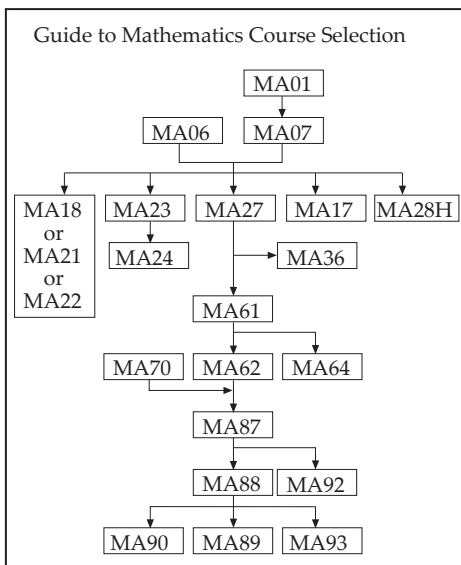
Course Selection – A-E-G

I. Placement

Incoming students initially placed into mathematics courses based on their mathematics background and SCCC placement test score. It is recommended that students take a mathematics course that is challenging and not retake a course they have completed with a C grade or better in high school within the past two years. 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.

It is expected that students who take MA01 will enroll in MA07 in order to complete the developmental sequence. Following the completion of MA07, refer to the "Guide to Mathematics Course Selection" and course descriptions listed below.

II. The following diagram is presented to assist students in selecting mathematics courses based on their mathematics placement:



III. Prerequisite Waiver Forms

These forms are student initiated and are completed by the Office of the Dean of Faculty, the mathematics department or (on the Eastern Campus) the counseling center. This should be done prior to registering for courses. Prerequisite waivers must be obtained for students who have not completed the prerequisite course at SCCC.

IV. Tutoring

Mathematics tutoring services are provided through the Math Learning Center (Ammerman Campus, Riverhead 235) and Academic Skills Centers (Eastern Campus, Orient 213 and Grant Campus, Sports, Health and Education Center, MA129.)

**MALA / MAL050 A-E-G / 4 cr. hrs.
MATHEMATICS LABORATORY**

Provides opportunity to receive recognition for MA01 and/or MA07 in computer-enhanced non-traditional setting. Through combination of computer-based lessons, collaborative learning and group instruction, students progress at own pace to learn required materials for course in which they are enrolled. Students beginning with MA01 can seamlessly move into MA07 and receive recognition for highest course completed during the semester. If objectives of course are not completed within the semester, students may register for MALA the following semester and continue from the level previously reached. As an alternative method of studying MA01 and MA07, MALA does not fulfill requirements for any degree or certificate.

**MA01 / MAT001 A-E-G / 3 cr. hrs.
DEVELOPMENTAL MATHEMATICS
SKILLS**

For the student who needs to learn or strengthen basic arithmetic skills, introductory plane geometry concepts, and to prepare for entry into beginning algebra. Grading in this course determined by mastery of completed topics. Graded on an S-R-U-W basis. Does not fulfill requirements for any degree or certificate. Students taking this course must also take MA07 before enrolling in a college-level mathematics course.

**MA06 / MAT006 A-E-G / 5 cr. hrs.
PRE-ALGEBRA AND ALGEBRA I**

Review of arithmetic skills and introduction to the basic concepts of algebra. Topics include arithmetic skills, geometry, language of algebra, order of operations, signed numbers, linear equations, two equations in two unknowns, polynomials, solving quadratic equations by factoring, and selected verbal problems. Graded on an SA-SB-SC-R-U-W basis. Does not fulfill requirements for any degree or certificate. Serves as a prerequisite for any course for which MA07 is a prerequisite.

**MA07 / MAT007 A-E-G / 4 cr. hrs.
ALGEBRA I**

Introduction to basic concepts of algebra. Equivalent to first-year high school algebra. Topics include language of algebra, order of operations, signed numbers, linear equations, simultaneous equations, factoring, solving quadratic equations by factoring, application of algebra to selected verbal problems. Graded on an SA-SB-SC-R-U-W basis. Does not fulfill requirements for any degree or certificate.

**MA17† / MAT107† A-E-G / 4 cr. hrs.
COMPUTER MATHEMATICS CONCEPTS**

For students pursuing a Computer Technology degree program. Stresses problem-solving and computer mathematics concepts. Taught with a computer lab component. Topics include number systems, computer arithmetic, sets, logic, functions, vectors, matrices, sequences, selection and repetition, and problem solving. Prerequisite: MA07 or equivalent. *MA17 and CS12 are corequisites for students in the Information Technology curriculum.*

Note: Credit given for MA17 or MA21, but not both.

† Course Fee

MA18 / MAT108 **A-G / 3 cr. hrs.**
MATHEMATICS AND THE LAW

For students pursuing Paralegal Studies degree program. Topics include statistics, logic, consumer mathematics, functions, linear systems of equations, graphing, geometry and linear programming. Topics applied to legal problems such as introduction of statistical evidence, computation of damage awards, child support, preparation of mortgage and closing documents, completion of bankruptcy petitions, distribution of decedent's estate, calculation of taxes during probate, preparation of graphs for prospectuses, valuation of professional practice, computation of child support and maximization of law firm's profit. Prerequisite: MA07 or equivalent.

Note: *Credit given for MA18 or MA22. but not both.*

MA21 / MAT101 **A-E-G / 3 cr. hrs.**
SURVEY OF MATHEMATICAL REASONING

Liberal arts mathematics course which provides insight into nature of mathematical reasoning by examining basic structures such as logic, sets, real numbers, numeration systems and inductive reasoning. Prerequisite: MA07 or equivalent.

Note: *Credit given for MA21 or MA17, but not both.*

MA22 / MAT102 **A-E-G / 3 cr. hrs.**
SURVEY OF CONTEMPORARY MATHEMATICAL TOPICS

Liberal arts mathematics course providing an appreciation of contemporary mathematics by examining nontraditional topics such as probability and statistics; theories of games, groups and numbers; and finite differences. Prerequisite: MA07 or equivalent.

MA23 / MAT103 **A-E-G / 3 cr. hrs.**
STATISTICS I

For students interested in social sciences, health sciences, business and industry. Theory of probability is used to develop methods of statistical inference, confidence intervals and decision theory. Topics include sample spaces, statistical models, binomial and normal distribution, t-distribution and chi-square distribution. Prerequisite: MA07 or equivalent.

MA24 / MAT104 **A-E-G / 3 cr. hrs.**
STATISTICS II

For students interested in social sciences, health sciences, business and industry. Builds on techniques developed in MA23 to present a wider variety of methods which are applicable to statistical analysis in many areas of human endeavor, including applications in business, economics, health sciences, environmental sciences, psychology, sociology, and natural sciences. Emphasis on actual development, implementation and analysis of one or more statistical research projects using appropriate statistical methodology and technology. Prerequisite: C or better in MA23.

MA27 / MAT111 **A-E-G / 4 cr. hrs.**
ALGEBRA II

Continuation of study of basic concepts of algebra. Topics include brief review of elementary algebra, solutions of second-degree equations, radicals, complex numbers, rational expressions, polynomial expressions, rational exponents and roots, systems of equations and inequalities. Prerequisite: MA07 or equivalent.

MA28H / MAT115H **A-G / 4 cr. hrs.**
MATHEMATICS: AN HISTORICAL PERSPECTIVE

Honors course showing how mathematical methods and thinking have changed through centuries and are evolving still. Emphasis placed on people and events that are understandable to students with ordinary mathematics backgrounds. Covers material from ancient to present times and attempts to trace impact that mathematics has had on modern culture. (Offered fall semester at Grant Campus, spring semester at Ammerman campus.) No prerequisite.

MA36 / MAT121 **A-E-G / 3 cr. hrs.**
FINITE MATHEMATICS

For students interested in business, social and managerial sciences. Introduction to basic concepts and techniques of those areas in mathematics which deal with finite sets. Topics include linear programming, probability theory, matrix manipulations, Markov Chains, game theory and optimization problems. Prerequisite: MA27 or equivalent.

MA41 / MAT112 **A-G / 4 cr. hrs.**
TECHNICAL MATHEMATICS I

Restricted to students in certain technical curricula. Includes review of elementary algebra, scientific notation, use of calculator, linear functions, trigonometric functions, system of linear equations, solution of oblique triangles and vector addition, properties of exponents and radicals. Prerequisite: MA07 or equivalent.

MA42 / MAT113 **A / 4 cr. hrs.**
TECHNICAL MATHEMATICS II

Restricted to students in certain technical curricula. Covers use of calculator, complex numbers, theory and use of logarithms, basic theory of equations, trigonometric identities, inequalities and basic analytical geometry. Prerequisite: C or better in MA41.

MA50-53A / MAT151-153A, 251-353A**MA54-56G / MAT154-156G, 254-256G****MA57-59E / MAT157-159E, 257-259E**

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

SPECIAL TOPICS IN MATHEMATICS

Special and current topics in mathematics. Content varies from year to year.

MA61 / MAT124 **A-E-G / 4 cr. hrs.**
FUNDAMENTALS OF PRECALCULUS I

Concept of function introduced early and used throughout course. Topics include zeros and graphs of polynomial functions, graphs and asymptotes of rational functions, exponential and logarithmic functions, introduction to trigonometry, angle measurement, right triangle trigonometry, properties and graphs of trigonometric functions. Prerequisite: C or better in MA27 or successful completion of three years of college preparatory mathematics.

Note: *Credit given for MA61 or MA70, but not both. Successful completion of both MA61 and MA62 is equivalent to MA70 completion.*

MA62 / MAT125 **A-E-G / 4 cr. hrs.**
FUNDAMENTALS OF PRECALCULUS II

Concept of function used throughout course. Topics include trigonometric functions and inverses, identities and equations, laws of sines and cosines, DeMoivre's Theorem and complex numbers, polar and parametric equations, systems of linear equations and inequalities, partial fractions and the conics. Prerequisite: MA61 (C or better) or equivalent.

Note: *Credit given for MA62 or MA70, but not both. Successful completion of both MA61 and MA62 is equivalent to MA70 completion.*

MA64 / MAT131 **A-E-G / 4 cr. hrs.**
CALCULUS FOR NON-SCIENCE MAJORS

For students of accounting, business, economics, social sciences and general studies. Involves study of functions, derivatives and integrals. Strong emphasis placed on application of these concepts to problems from fields of business, social sciences and some life sciences. Prerequisite: MA61 or equivalent.

Note: *Credit given for MA64 or MA87, but not both.*

MA70 / MAT126 **A-E-G / 4 cr. hrs.**
PRECALCULUS MATHEMATICS

For students with strong mathematics backgrounds planning to enter calculus sequence. Topics include polynomial, rational, trigonometric, exponential and logarithmic functions; conic sections; translation of axes; linear and nonlinear systems; trigonometric laws and formulas, and applications; DeMoivre's Theorem and complex numbers; polar and parametric equations; and partial fractions. Prerequisite: successful completion of three years of college preparatory mathematics (80 or better on the Sequential III or Math B Regents).

Note: *Credit given for MA61 or MA70, but not both. Credit given for MA62 or MA70, but not both. Successful completion of both MA61 and MA62 is equivalent to MA70 completion.*

MA87† / MAT141† **A-E-G / 4 cr. hrs.**
CALCULUS WITH ANALYTIC GEOMETRY I

Study of limits, continuity, theory and application of the derivative; related rate problems; maxima and minima; definite and indefinite integrals, and areas under curves. (5 contact hrs.) Prerequisite: C or better in MA62 or MA70.

Note: *Credit given for MA87 or MA64, but not both.*

MA88† / MAT142† **A-E-G / 4 cr. hrs.**
CALCULUS WITH ANALYTIC GEOMETRY II

Study of 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.) Prerequisite: C or better in MA87.

MA89 / MAT203 **A-E-G / 4 cr. hrs.**
CALCULUS WITH ANALYTIC GEOMETRY III

Study of vectors and solid analytical geometry, vector calculus, partial derivatives, calculus of several variables, and multiple integration. Special topics may include Green's Theorem, Stoke's Theorem and other topics which may be of special interest to the class. Prerequisite: C or better in MA88.

MA90 / MAT204 **A-E-G / 4 cr. hrs.**
DIFFERENTIAL EQUATIONS

Introduction to differential equations and their applications. Topics include separable equations, autonomous equations, direction fields, mathematical modeling, homogeneous and nonhomogeneous linear equations, linear systems of differential equations, power series solution of differential equations, nonlinear systems of equations and numerical methods. Prerequisite: C or better in MA88.

MA92 / MAT205 **A-G / 4 cr. hrs.**
DISCRETE MATHEMATICS

Of special interest to students majoring in computer science and engineering as well as mathematics. Topics chosen from mathematical logic, set theory—an introduction to combinatorics, Boolean algebras with applications to circuit minimization, graph theory, difference equations, and algebraic structures with applications to coding theory. Prerequisite: C or better in MA87.

MA93 / MAT206 **A-G / 3 cr. hrs.**
LINEAR ALGEBRA

Study of vector spaces, subspaces, linear independence, bases, dimension, linear transformations, matrices, diagonalization processes, determinants, Euclidean spaces and orthonormal bases. Prerequisite: C or better in MA88.

MEDICAL ASSISTING**MD11 / MED111** G / 3 cr. hrs.**MEDICAL TERMINOLOGY**

Comprehensive knowledge of medical terminology increases students' knowledge of anatomy, physiology and disease. The principal method of building medical vocabulary is to identify prefixes, suffixes and roots. Students learn to recognize Greek and Latin derivatives. (3 hrs. lecture.) No prerequisite.

MUSIC**MU11 / MUS101** A-E-G / 3 cr. hrs.**UNDERSTANDING MUSIC**

Introductory course which develops ability to listen to and understand music. Recorded and visual materials utilized in studying specific styles, forms and idioms, from Baroque to early 20th century. Required listening and required concerts. No prerequisite.

MU16 / MUS206 A-G / 3 cr. hrs.**MUSIC HISTORY I**

Examination of styles and genres of Western music from antiquity through 1750. Emphasis on style analysis, contributions of major composers, and relationship to social and cultural background. Required listening and score analysis. Prerequisite: MU40 or equivalent, or permission of instructor.

MU17 / MUS210 A-G / 3 cr. hrs.**MUSIC HISTORY II**

Examination of styles and genres of Western music from 1750 to the present. Emphasis on style analysis, contributions of major composers, and relationship to social and cultural background. Required listening and score analysis. Prerequisite: MU16.

MU23 / MUS107 A-G / 3 cr. hrs.**THE AMERICAN MUSICAL**

Covers broad range of American musical theater forms including operetta, musical drama and musical comedy. Also pursues study of melody, orchestra, chorus, and development of musical composition in conjunction with drama. No prerequisite.

MU24 / MUS109 A-G / 3 cr. hrs.**OPERA**

Covers various periods of opera, including Baroque, Classical, Romantic and Contemporary. Portrays composers within related historical settings. Topics include operatic musical form in relation to its dramatic content, orchestration, harmonies, use of voice, choir, corps de ballet, and roles of singers, musical director, choreographer and cast. No prerequisite.

MU26 / MUS123 A-G / 3 cr. hrs.**AURAL SKILLS I**

Introduction to basic skills of eartraining and sightsinging 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. Harmonic dictation covers all diatonic harmonies in a key and their inversions in four voices, as well as introduction to non-harmonic tones in a chorale context. Sight-singing component conducted using the moveable "DO" system of solfège. Parallels theoretical concepts covered in MU41: Music Theory I. Corequisite: MU41 and MU87.

MU27 / MUS127 A-G / 3 cr. hrs.**AURAL SKILLS II**

Continuation of eartraining and sightsinging skills developed in MU26: Aural Skills I. Students proceed with more diverse and challenging exercises in rhythm and meter, melody and four-voice harmony, including additional non-harmonic tones, dominant seventh chord and seventh chords on all diatonic scale degrees of a key and their inversions. Basic chromatic alterations of tones within a key—those associated with secondary dominants—are covered, and modulation to closely related keys is introduced. Chromatic solfège used in sightsinging. Parallels theoretical concepts covered in MU42: Music Theory II. Prerequisite: MU26, MU41, MU87. Corequisite: MU42 and MU88.

MU28 / MUS204 A / 3 cr. hrs.**AURAL SKILLS III**

Continuation of eartraining and sightsinging skills developed in MU27: Aural Skills II, moving on to more complex rhythms, chromatic melodies and modulations to more distantly-related keys. Chromatic and borrowed harmonies in progressions are introduced, such as chords of the Neapolitan sixth, augmented sixth, and altered dominants, mediant and submediants. Parallels theoretical concepts covered in MU43: Music Theory III. Prerequisite: MU27, MU42, MU88. Corequisite: MU43.

MU29 / MUS209 A / 3 cr. hrs.**AURAL SKILLS IV**

Continuation of eartraining and sightsinging skills developed in MU28: Aural Skills III, including complex rhythms, advanced chromatic melodies, ninth, eleventh and thirteenth chords, and non-triadic tonal harmonies. Emphasis placed on part-singing of vocal, chamber and orchestral works in open score. Aural skills sequence concludes with sightsinging and dictation of atonal melodies, and with atonal harmonies utilizing pitch-sets. Parallels theoretical concepts covered in MU44: Music Theory IV, as well as MU45: Music Theory V. Prerequisite: MU28 and MU43. Corequisite: MU44.

- MU40 / MUS117** **A-G / 3 cr. hrs.**
MUSIC FUNDAMENTALS
 For students with little or no previous theoretical music training. Provides understanding of basic music reading, notation, scales, keys, rhythm and meter. Recommended for non-music major who would like to learn rudiments of music theory. Cannot be taken by music majors as a music elective. No prerequisite.
- MU41 / MUS122** **A-G / 3 cr. hrs.**
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. Prerequisite: MU40 or equivalent knowledge determined by placement exam. Corequisites: MU26 and MU87.
- MU42 / MUS126** **A-G / 3 cr. hrs.**
MUSIC THEORY II (DIATONICISM)
 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. Prerequisite: MU26, MU41, MU87. Corequisites: MU27 and MU88.
- MU43 / MUS203** **A / 3 cr. hrs.**
MUSIC THEORY III
 Introduction to 16th century polyphony and 18th century counterpoint to include the motet, invention and fugue. In-depth study of modulation, secondary dominants and chromatic harmony, including borrowed chords, 9th, 11th and 13th chords, the Neapolitan 6th and augmented 6th chords. Analysis of examples from repertoire. Prerequisite: MU27, MU42, MU88. Corequisite: MU28.
- MU44 / MUS208** **A / 3 cr. hrs.**
MUSIC THEORY IV
 Continuation of chromatic harmony from Theory III (MU43). Analysis of strophic, binary, ternary, compound ternary, fugal, sonata allegro, rondo forms and variation techniques. Analysis of examples from repertoire. Prerequisite: MU28 and MU43. Corequisite: MU29.
- MU51 / MUS105** **A-E-G / 3 cr. hrs.**
HISTORY OF JAZZ
 Surveys evolution of jazz from its African and West Indian origins to major contemporary styles. Emphasis on harmonic, melodic and rhythmic development; techniques of improvisation and style analysis of major performers. No prerequisite.
- MU52 / MUS215** **A / 3 cr. hrs.**
JAZZ IMPROVISATION/HARMONY
 Focuses on improvisational techniques and jazz harmony. Emphasis placed on melody and harmony relationships to instruments and vocal performance. Major techniques include pacing, rhythmic density, melodic and rhythmic embellishment, chord/melody analysis, tensions and chord scales. Prerequisite: MU42 or permission of instructor.
- MU53 / MUS113** **A-E-G / 3 cr. hrs.**
FRET-BOARD THEORY/HARMONY
 Enhances basic skills in entry-level guitar students. Emphasis on melodic and chordal sight-reading, rhythms, position playing, modes and music theory as applied to guitar. Prerequisite for participation in MU99: Guitar Ensemble.
- MU54 / MUS103** **A-E-G / 3 cr. hrs.**
HISTORY OF ROCK AND ROLL MUSIC
 Provides a broader experience in listening, analyzing and describing specific nomenclature of rock music. Covers aesthetic, political and social impact of rock music from its origins in "Rhythm and Blues" to the rise of Elvis Presley and rockabilly, Chuck Berry and teenage rock, Bob Dylan and protest rock, British rock, psychedelic rock, art rock, soul and country rock. No prerequisite.
- MU61-69A / MUS170-179A**
MU76-79G / MUS186-189G
MU81-85E / MUS191-195E **A-E-G / 1-3 cr. hrs. each**
SPECIAL TOPICS IN MUSIC
 Special topics in field of music which vary from year to year. Content involves material not covered in regular music course offerings.
- MU72 / MUS120** **G / 3 cr. hrs.**
VOICE CLASS
 Considers development of singing voice. Concepts include principles of posture, breathing, vocalization, projection, selection of repertoire, diction, notation, interpretation, meaning and expression in singing, musicianship, stage presence and artistry. Skills acquired in class serve as foundation for more in-depth vocal study on private level. Prerequisite: permission of instructor.
- MU86† / MUS111†** **A-G / 2 cr. hrs.**
PIANO FOR NON-MAJORS
 Provides basic beginning piano instruction to any student at the college. Teaches how to read music in treble and bass clef, play intervals up to an octave, chords of all qualities (major, minor, augmented, diminished), exercises using major and minor scales and five-finger patterns, and simple chord progressions. Allows students of MU40 to participate in a piano class. No prerequisite or corequisite.

MU87‡ / MUS124‡ A-G / 2 cr. hrs.
PIANO I

Class instruction in fundamentals of piano playing, designed to enable those who have no piano background to play simple compositions and scales. Pianos available for additional practice. Required for Music Theory I students. Prerequisite: MU40. Corequisites: MU26 and MU41.

Note: *This course restricted to music majors. It cannot be used as a humanities or liberal arts elective in any degree program.*

MU88‡ / MUS128‡ A-G / 2 cr. hrs.
PIANO II

Continuation of MU87 which concentrates on performance of easy, well-known selections and piano techniques. Pianos available for additional practice. Prerequisites: MU26, MU41 and MU87 or permission of instructor. Corequisites: MU27 and MU42.

Note: *This course restricted to music majors. It cannot be used as a humanities or liberal arts elective in any degree program.*

MU91‡ / MUS133‡ A / 2 cr. hrs.
SYMPHONIC BAND

Open to all instrumentalists. Performances are part of class and attendance is obligatory. May be taken without credit with permission of instructor. May be taken for credit for more than two semesters.

MU92‡ / MUS135‡ A-E-G / 2 cr. hrs.
COLLEGE CHOIR

Provides participants with opportunity to study and perform standard choral literature for mixed voices. Ability to match pitch is obligatory. Open to all students. Performances are part of class and attendance is mandatory. May be taken for credit for more than two semesters.

MU93‡ / MUS136‡ A / 2 cr. hrs.
SUFFOLK SINGERS

Structured study and performance of music with emphasis upon ensemble and analysis of stylistic practices. Some reading ability preferred. This ensemble is for experienced vocal musicians. Performances are part of class and attendance is mandatory. Prerequisite: audition. Corequisite: MU92. May be taken for more than two semesters.

MU94‡ / MUS138‡ A / 2 cr. hrs.
CONTEMPORARY MUSIC ENSEMBLE

Focuses on study, rehearsal and performance of music composed during 20th century, with emphasis on works composed during last half of the century. In addition to the standard repertoire, new works are premiered by the ensemble. During preparation of these new compositions, ensemble works closely with composer in discussing compositional processes utilized. Enables students to gain knowledge and understanding of 20th century repertoire, compositional procedures, theoretical practices, historical movements and performance techniques. Prerequisites: MU41 and audition, or permission of instructor.

MU95‡ / MUS134‡ A / 2 cr. hrs.
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. Prerequisite: audition; corequisite: MU91. May be taken for credit for more than two semesters.

MU97‡ / MUS137‡ A / 2 cr. hrs.
GOSPEL CHOIR

Covers listening, vocal production, articulation, interpretation, stage presence, improvisation, technique and styles of gospel music. Provides opportunity to study and perform gospel literature for soloist(s) and mixed voices. May be taken for credit for more than two semesters. Prerequisite: ability to match pitch.

MU98‡ / MUS132‡ A-G / 2 cr. hrs.
COLLEGE ORCHESTRA

Open to student and community instrumentalists who wish to perform masterworks from the orchestral repertoire from Baroque through 20th Century. Emphasis on developing technical and musical skills in ensemble and solo playing. Note: Since some musical works require specific instrumentation, certain instruments may not be needed in a particular term. Prerequisite: informal individual audition for seating purposes only. May be taken for credit for more than two semesters. May also be taken without credit (audit basis) with permission of director.

MU99‡ / MUS131‡ A / 2 cr. hrs.
GUITAR ENSEMBLE

Open to all music-reading guitarists. Classical, jazz, rock, country and folk music are played. Technical guitar skills and musical skills are improved through ensemble participation. Emphasis on those who wish to compose and hear their music performed. May be taken for credit for more than two semesters. Prerequisite: MU53 and audition.

NURSING

Note: *Nursing courses require that students travel to a wide variety of hospitals and community agencies throughout Suffolk County. Only students formally admitted into a nursing curriculum can enroll in NR courses.*

NR10 / NUR110 A-G / 3 cr. hrs.
PN TO RN TRANSITION

For PNs to validate prior learning and update/enhance knowledge. Facilitates transition from role of Practical Nurse to role of preparing for Registered Nurse. Nursing process is used as framework for critical thinking and problem solving. Required for all PN students interested in being accepted in advanced placement program. Graded on an S-W-U-R basis. Not applicable toward any degree or certification.

NR15 / NUR115 **A-G / 1.5 cr. hrs.**
NURSING SEMINAR

Introduction to study skills and critical thinking skills needed to succeed in nursing profession. Connects learning skills with those needed in nursing profession. (1.5 hrs. lecture.) Corequisite: NR20.

NR19 / NUR103 **A / 2 cr. hrs.**
DOSAGE CALCULATION FOR NURSES

Computations and measurements essential for safe administration of medications by nurses. Includes measurements, ratios, solutions and dosages for adults and children. Also includes conversions from metric to apothecary and household measurements, interpretation of physician's orders for appropriate system of calculation, and advanced intravenous calculations. Not a required course for nursing majors, but recommended for all nursing students who may have difficulty applying mathematical concepts to principles of medication administration. Prerequisite: admission to Nursing Program or permission of instructor.

NR20† / NUR101† **A-G / 7 cr. hrs.**
FUNDAMENTALS OF NURSING

Study of basic nursing concepts as well as stress and adaptation. Through this process, health and fulfillment of basic human needs is assessed. Dysfunctional adaptation caused by stress is assessed with emphasis on health promotion and maintenance. College laboratory and clinical experience in health care settings are utilized to develop and apply nursing theories and skills. Students enrolling in this course are automatically charged the liability insurance fee. (4 hrs. lecture, 2 hrs. college laboratory, 6 hrs. clinical laboratory.) Corequisites for Day Program: NR15, NR23, BY30 and PC11.

NR23† / NUR123† **A-G / 3 cr. hrs.**
HEALTH ASSESSMENT

Focuses on health assessment as integral part of assessment portion of nursing process. Includes skillful collection of subjective data during the interview, analysis of objective data by inspection, palpation, percussion and auscultation of each body system, and synthesis of combined information to formulate nursing diagnoses and determine priorities and therapeutic interventions. (2 hrs. lecture, 2 hrs. college laboratory.)

NR24† / NUR124† **A-G / 4.5 cr. hrs.**
LPN TO RN ADVANCED PLACEMENT

Advanced placement course for LPN utilizes holistic approach to management of nursing care of adults with emphasis on health promotion. Nursing process utilized in study of adult physical and mental health when response to stressors results in illness. Students enrolling in this course are automatically charged the liability insurance fee. (2.5 hrs. lecture, 2 hrs. college laboratory, 3 hrs. clinical laboratory.) Prerequisites: NR10, NR23, BY30, BY32, EG11, PC11, SO11 and English elective. Corequisite: NR23

NR33† / NUR133† **A-G / 5 cr. hrs.**
ADULT PHYSICAL HEALTH NURSING I

Nursing process utilized in study of adult health when response to stressors has resulted in illness. Adaptation and stress management promoted for adults who manifest their response to stress with physical illness. Experiences to develop and apply nursing theory and skills include laboratory on campus and clinical experiences in health care settings. Students enrolling in this course are automatically charged the liability insurance fee. (2.5 hrs. lecture, 2 hrs. college laboratory, 4.5 hrs. clinical laboratory.) Prerequisite: NR20; corequisites: EG11, SO11 and BY32; corequisite for Evening Program: NR23.

NR36† / NUR136† **A-G / 4 cr. hrs.**
ADULT MENTAL HEALTH NURSING

Nursing process utilized in study of adult mental health when response to stressors has resulted in illness. Adaptation and stress management promoted for adults who manifest their response to stress with mental illness. Experiences to develop and apply nursing theory and skills include clinical experiences in health care settings. Students enrolling in this course are automatically charged the liability insurance fee. (2.5 hrs. lecture, 4.5 hrs. clinical laboratory.) Prerequisites: NR20 and NR23; corequisites: EG11, SO11 and BY32.

NR40† / NUR240† **A-G / 8 cr. hrs.**
ADULT PHYSICAL HEALTH NURSING II

Nursing process utilized in continued study of adult health incorporating responses and adaptation to stress. Adaptation and stress management promoted for adults who manifest their stress in acute and chronic physical illnesses and clients with multiple health problems. Experiences to integrate nursing theory and skills include clinical experiences in health care settings. Students enrolling in this course are automatically charged the liability insurance fee. (5 hrs. lecture, 9 hrs. clinical laboratory.) Prerequisites: NR33 and NR36; or NR24; corequisites: B44 and PC60.

NR46† / NUR246† **A-G / 4 cr. hrs.**
CHILD HEALTH NURSING

Nursing process utilized in study of family health incorporating responses and adaptation to stress. Adaptation and stress management promoted with families during childbearing. Experiences to integrate nursing theory and skills include clinical experiences in health care settings and community agencies. Students enrolling in this course are automatically charged the liability insurance fee. (2.5 hrs. lecture, 4.5 hrs. clinical laboratory.) Prerequisite: NR33 and NR36; or NR24; corequisites: BY44 and PC60.

NR48† / NUR248† A-G / 4 cr. hrs.

MATERNAL / CHILD HEALTH NURSING

Nursing process utilized in study of family health incorporating responses and adaptation to stress. Adaptation and stress management promoted with families during childbearing. Experiences to integrate nursing theory and skills include clinical experiences in health care settings and community agencies. Students enrolling in this course are automatically charged the liability insurance fee. (2.5 hrs. lecture, 4.5 hrs. clinical laboratory.) Prerequisite: NR33 and NR36; or NR24; corequisites: BY44 and PC60.

NR75 / NUR275 A-G / 1 cr. hrs.

NURSING: PAST, PRESENT AND FUTURE

Study of nursing history and contemporary issues that affect health care. Nurses must have knowledge and understanding of legal, ethical and political issues, leadership roles and their implications for nursing. Changes in health care delivery system necessitate long-range career planning and professional activism as investment in future. (1 hr. lecture)

NR81-83A / NUR181-183A

NR84-86G / NUR184-186G A-G / 1-3 cr. hrs. each

SPECIAL TOPICS IN NURSING

Special and current topics in nursing. Content varies from year to year.

OCCUPATIONAL THERAPY ASSISTANT

Note: Enrollment in OA courses is limited to students formally admitted to the Occupational Therapy Assistant program.

OA11† / OTA101† G / 3 cr. hrs.

INTRODUCTION TO OCCUPATIONAL THERAPY

Studies history, philosophy, ethics and function of occupational therapy profession and its place in contemporary health care service delivery. Discusses other allied health disciplines and agencies providing care for disabled. Introduces concept of occupation, communication skills, and beginning occupational therapy media in laboratory. Also introduces crafts, activity analysis, and principles of occupation-based intervention. One or more field visits, accomplished through out-of-class assignments made to observe occupational therapy services. Students enrolling in this course are automatically charged the liability insurance fee as specified by OTA program. (2 hrs. lecture, 3 hrs. laboratory.) No prerequisite. (offered fall semester only)

OA14 / OTA102 G / 2 cr. hrs.

CLINICAL CONDITIONS AND TERMINOLOGY

Studies etiology, pathology and clinical manifestations of conditions commonly referred for occupational therapy treatment. Examines effects of disease and illness with respect to occupational performance. Medical terminology introduced, as well as safety procedures and precautions. (2 hrs. lecture.) Corequisites: OA11 and OA15. (offered fall semester only)

OA15 / OTA105 G / 2 cr. hrs.

HUMAN OCCUPATION ACROSS THE LIFE SPAN

Introductory course presenting normal developmental processes throughout life as they pertain to occupation. Teaches application of human development principles to occupational performance, performance areas, components and context. Occupation stressed throughout each developmental stage as integral aspect of skill and role acquisition, as well as socio-cultural identification. (2 hrs. lecture.) Corequisites: OA11 and OA14. (offered fall semester only)

OA18† / OTA118† G / 4 cr. hrs.

OCCUPATIONAL THERAPY MEDIA AND APPLICATIONS I

Examines occupational therapy process of physical, psychosocial and developmental conditions commonly referred for occupational therapy for individuals from birth to adolescence. Teaches frames of reference, assessment/evaluation tools and intervention strategies specific to this period of development. Includes Level I fieldwork experience. Students enrolling in this course are automatically charged the liability insurance fee. (2 hrs. lecture, 3 hrs. laboratory, 3 hrs. fieldwork.) Prerequisites: OA11, OA14 and OA15 with C grades or higher. Corequisite: OA21. (offered spring semester only)

OA21† / OTA121† G / 2 cr. hrs.

OCCUPATIONAL THERAPY FOR PHYSICAL DYSFUNCTIONS

Surveys occupational therapy theory and approaches specific to physically disabling conditions. Teaches assessment skills using observation, historical data and interviews within appropriate role delineation. Explores occupational therapy process, including effective documentation. Emphasizes collaboration strategies to work effectively as part of rehabilitation team. Students enrolling in this course are automatically charged the liability insurance fee as specified by OTA program. (2 hrs. lecture.) Prerequisites: OA11, OA14 and OA15 with C grades or better. Corequisite: OA18. (offered spring semester only)

OA23† / OTA131† **G / 4 cr. hrs.**
OCCUPATIONAL THERAPY MEDIA AND APPLICATIONS II

Examines occupational therapy process of physical, psychosocial and developmental conditions commonly referred for occupational therapy for individuals from late adolescence to middle adulthood. Teaches frames of reference, assessment/evaluation tools and intervention strategies specific to this period of development. Includes Level I fieldwork experience. Students enrolling in this course are automatically charged the liability insurance fee as specified by OTA program. (2 hrs. lecture, 3 hrs. laboratory, 3 hrs. fieldwork.) Prerequisite: OA18 and OA21 with C grade or higher. (*offered summer only*)

OA28† / OTA201† **G / 4 cr. hrs.**
OCCUPATIONAL THERAPY MEDIA AND APPLICATIONS III

Examines occupational therapy process of physical, psychosocial and developmental conditions commonly referred for occupational therapy for individuals from middle to older adulthood. Teaches frames of reference, assessment/evaluation tools and intervention strategies specific to this period of development. Includes Level I fieldwork experience. Students enrolling in this course are automatically charged the liability insurance fee as specified by OTA program. (2 hrs. lecture, 3 hrs. laboratory, 3 hrs. fieldwork.) Prerequisite: OA23 with C grade or higher; corequisite: OA29. (*offered fall semester only*)

OA29 / OTA202 **G / 2 cr. hrs.**
THE MANAGEMENT ROLE OF THE OCCUPATIONAL THERAPY ASSISTANT

Application of principles of management and systems in provision of occupational therapy services. Addresses role and responsibilities of occupational therapy assistant as a whole, emphasizing service delivery models, profession and consumer advocacy, clinical management, supervision, program evaluation, professional responsibility, reimbursement mechanisms, time management, scheduling, inventory, and other skills required for management responsibilities in this field. Students integrate professional ethics, values and responsibilities with need to be autonomous while maintaining correct role delineation. (2 hrs. lecture.) Prerequisite: OA23 with C grade or higher. Corequisite: OA28. (*offered fall semester only*)

OA35† / OTA211† **G / 6 cr. hrs.**
CLINICAL PRACTICE I

First of two supervised clinical experiences in occupational therapy practice setting for persons with disabilities. During practicum, students expected to apply knowledge from course work to carry out treatment plans with assigned clients. Students work under supervision of qualified occupational therapy practitioner at field site. Seminar component integrates clinical experience with course work. Clinical rotation may require full-time live-away situation. There may be some variation in time sequences of clinical placements. Students enrolling in this course are automatically charged the liability insurance fee as specified by OTA program. (1 hr. seminar, 20 hrs. fieldwork.) Prerequisites: OA28 and OA29 with C grades or higher. Corequisite: OA45 or permission of department. (*offered spring semester only*)

OA45† / OTA212† **G / 6 cr. hrs.**
CLINICAL PRACTICE II

Second and final supervised fieldwork assignment in clinical setting dealing with practice environment different from students' experience in OA35. Working under supervision of qualified occupational therapy practitioner at field site, students expected to apply knowledge from course work and previous clinical practicum while implementing treatment programs. Seminar provides opportunities for students to meet and discuss their clinical experience. Clinical rotation may require full-time live-away situation. There may be some variation in time sequences of clinical placements. Students enrolling in this course are automatically charged the liability insurance fee as specified by OTA program. (1 hr. seminar, 20 hrs. fieldwork.) Prerequisites: OA28 and OA29 with C grades or higher. Corequisite: OA35 or permission of department. (*offered spring semester only*)

OFFICE TECHNOLOGIES

OT24† / OFT101† **A-E-G / 1 cr. hr.**
BASIC KEYBOARDING

Introduces and develops basic keyboarding skills. Especially useful for students who desire keyboarding skills for use with microcomputers. (2 hrs. laboratory.) No prerequisite.

Note: *Credit given for OT24 only if credit is not for the following courses: OT25, OT29 or equivalents.*

OT25† / OFT102† **A-E-G / 3 cr. hrs.**
KEYBOARDING AND DOCUMENT PREPARATION I

Presents features of electronic keyboard. Students receive practice in keying straight copy materials, rough drafts, reports, memos and letters. Keyboarding drills administered on daily basis to increase speed and accuracy. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite.

OT29† / OFT103† A-E-G / 3 cr. hrs.
KEYBOARDING AND DOCUMENT PREPARATION II

For the student who can type but needs additional training to develop a marketable skill. Course content includes training in preparation of business correspondence, documents, forms and reports. Registration requires keyboarding speed of 30 wpm. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite.

OT62† / OFT107† G / 2 cr. hrs.
MEDICAL MACHINE TRANSCRIPTION

Reviews medical terminology and develops skill in transcribing medical correspondence and reports from prerecorded material. Includes operational techniques involved in machine transcription utilizing personal computer. Also includes review of correct usage of principles of grammar, spelling, punctuation, capitalization and word division. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisites: OT25 or equivalent and MD11. Recommended: IP112.

OPHTHALMIC DISPENSING

OD11 / OPD101 G / 2 cr. hrs.
OPHTHALMIC DISPENSING I

General overview of ophthalmic industry and professions intended to provide basis for more advanced study. Areas discussed include organization of the industry, history of glass making, spectacle lens forms and materials, manufacturing processes for lenses and frames, an understanding of the written prescription, basic geometric optics, lens theory, normal and abnormal vision, and structure of the eye. (2 hrs. lecture.) Prerequisite: MA07 or equivalent.

OD13† / OPD103† G / 3 cr. hrs.
OPHTHALMIC MATERIALS I

Introduces the ophthalmic laboratory, its machinery, equipment and instruments, their application and use. Stresses importance of following laboratory safety rules. History of ophthalmic lenses and frames discussed. Also covers lens materials, their properties and characteristics, and the form they take from rough blank to finished uncut lens. Introduction to light theory included. With the written prescription as a starting point, lens blanks are selected, computations made, layout determined, lenses marked and blocked, and finished product verified. Hand edging is developed as the first skill in fabrication of eyeglasses. (2 hrs. lecture, 3 hrs. laboratory.) No prerequisite.

OD14† / OPD104† G / 3 cr. hrs.
INTRODUCTION TO CONTACT LENSES

Non-degree course in ophthalmic dispensing, consisting of fundamental components of OD15: Contact Lenses I and BY37: Anatomy and Physiology of the Eye. Students are introduced to structure and function of anterior segment of the eye, become familiar with potential problems and learn how contact lenses interact with ocular health and visual function. Discusses contact lens design and manufacturing techniques and covers fundamental optics of contact lenses in detail. Does not fulfill degree requirements in the Ophthalmic Dispensing curriculum. (2 hrs. lecture, 3 hrs. laboratory.) No prerequisite.

OD15† / OPD110† G / 3 cr. hrs.
CONTACT LENSES I

First of three courses which develop skills and knowledge necessary for successful contact lens fitting. History of contact lenses and development of each material are considered, as well as indications and contraindications to contact lens wear. Infection control is introduced. Emphasis on instrumentation associated with contact lens fitting and diagnostic skills. Proficiency is developed in contact lens verification and evaluation of fit. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: OD11 with C grade or higher and BY37.

OD20† / OPD102† G / 3 cr. hrs.
OPHTHALMIC DISPENSING II

Builds upon knowledge base established in Ophthalmic Dispensing I. Students analyze a prescription and learn about many different lens and frame options and styles. Bifocal and progressive lens design and fitting emphasized. Law of refraction is presented. In addition to taking proper measurements necessary for making a pair of glasses optically correct, students become well-versed in tool use and basic frame adjusting. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: OD11 with C grade or higher.

OD23† / OPD105† G / 3 cr. hrs.
OPHTHALMIC MATERIALS II

Second of three courses which provide experience in fabrication of a pair of eyeglasses. Emphasis on surfacing and power calculations, construction of multifocal lenses (including progressive), management of high-powered prescriptions, and prism. Occupational safety requirements discussed in detail. Tempering of glass lenses also included. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: OD13 with C grade or higher; corequisite: OD20 or permission of department head.

OD25† / OPD211†**G / 3 cr. hrs.****CONTACT LENSES II**

Second of three courses which develop skills and knowledge necessary to succeed in contact lens fitting. Rigid gas-permeable and soft contact lenses, including philosophies of fitting, are studied in detail for non-astigmatic eyes. Emphasis on patient case histories, pre-fit diagnostic evaluations, and insertion, removal and fitting of gas-permeable and soft contact lenses. Skill refinement is developed with all instrumentation, including biomicroscope and keratometer. Patient communication and lens care systems are covered. Students enrolling in this course are automatically charged the liability insurance fee. (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: OD15 with C grade or higher.

OD30† / OPD201†**G / 3 cr. hrs.****OPHTHALMIC DISPENSING III**

Builds on principles discussed in Ophthalmic Dispensing I and II. Students introduced to more complex dispensing decisions and procedures. Determination and use of wanted and unwanted prism, lens aberration, and reflection are analyzed in detail. Techniques for fitting bifocals in specialized prescriptions are discussed and demonstrated. Dispensing the aphake and high myope studied in particular. Lens magnification and vertex compensation also analyzed in detail. Advanced frame adjusting and use of ophthalmic tools reinforced. Students gain experience in campus clinic by completing a fifteen-hour internship. Students enrolling in this course are automatically charged the liability insurance fee. (2 hrs. lecture, 2 hrs. laboratory, 1 hr. clinic.) Prerequisite: OD13 and OD20 with C grade or higher and PH37, or permission of department head.

OD33† / OPD203†**G / 3 cr. hrs.****OPHTHALMIC MATERIALS III**

Final course in series designed to give students experience in fabrication of a pair of glasses. Stresses more complex lenses, frames and mounting procedures. Emphasis on finishing of high-index materials, rimless and semi-rimless mountings, frame repairs, optional lens treatments, sport glasses and other specialty lenses and frames. Absorptive lenses covered in detail. Additionally, students become proficient at prescription problem solving and finishing laboratory practice management. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: OD23 with C grade or higher; corequisite: OD30 or permission of department head.

OD35† / OPD212†**G / 3 cr. hrs.****CONTACT LENSES III**

Last of three courses which develop skills and knowledge necessary to succeed in contact lens fitting. Gas-permeable lens fitting is reviewed. Fitting the astigmatic patient with toric lenses is explored. Advanced contact lens fitting procedures emphasized. Extended wear, bandage, bifocal, aspheric, specialty and keratoconic lens fitting studied in detail. Also stresses contact lens practice management skills. Students enrolling in this course are automatically charged the liability insurance fee. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: OD25 with C grade or higher.

OD37† / OPD221†**G / 3 cr. hrs.****PRINCIPLES OF REFRACTION I**

Introduction to study of clinical refraction of eye. Topics include etiology, types, causes, symptoms, testing and treatment of eye abnormalities; accommodation and presbyopia; versions and vergences; anisometropia and aniseikonia; external examination, preliminary and subjective tests; retinoscopy, low vision aids; twenty-one point refractive examination. Students must be either licensed ophthalmic dispensers or registered in an opticianry program. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: OD15 and OD20 with C grade or higher.

Note: Completion of this course does not authorize students or licensed opticians to perform refraction in New York State. Please refer to New York State regulations relating to ophthalmic dispensing.

OD40† / OPD202†**G / 3 cr. hrs.****OPHTHALMIC DISPENSING IV**

Builds on material covered in Ophthalmic Dispensing II and III. Students introduced to specialized dispensing situations. Needs of athletes and sports vision devices are presented. Additionally, safety lenses for children and various occupational demands are discussed in detail. Pediatric dispensing covered. Prescription analysis and lifestyle dispensing presented. Students learn about requirements of low vision patients and aids that can assist them. Marketing and business aspects of ophthalmic practice also addressed. Students gain experience in campus clinic by completing a fifteen-hour internship. Students enrolling in this course are automatically charged the liability insurance fee. (2 hrs. lecture, 2 hrs. laboratory, 1 hr. clinic.) Prerequisites: OD23 and OD30 with C grade or higher, or permission of department head.

OD47† / OPD222†**G / 3 cr. hrs.****PRINCIPLES OF REFRACTION II**

Second of two courses which assist students in study and application of clinical refraction of the eye. For ophthalmic dispensers and ophthalmic dispensing students. Students must be either licensed ophthalmic dispensers or registered in an opticianry program. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: OD37 with C grade or better.

OD48† / OPD231† G / 3 cr. hrs.
OPHTHALMIC EXTERNSHIP

Externing at an off-campus site offers students opportunity to apply and use knowledge and skills acquired in the program in an ophthalmic dispensing setting. Supervision provided by designated licensed ophthalmic dispenser, optometrist or ophthalmologist. Experience gained in all aspects of both "front" and "back" office procedures. Weekly seminar led by faculty allows exchange of experiences and review of specific topics. Permission to take course during summer must be obtained from faculty. Students enrolling in this course are automatically charged the liability insurance fee. (1 hr. seminar, 8 hrs. externship.) Prerequisites: OD13, OD15 and OD30 with C grade or higher.

PHILOSOPHY

PL11 / PHL101 A-E-G / 3 cr. hrs.
ISSUES IN PHILOSOPHY

Investigates traditional and contemporary philosophical issues such as problem of knowledge, nature of reality, question of freewill versus determinism, and existence of mind, soul and God. No prerequisite.

PL14 / PHL104 A-E-G / 3 cr. hrs.
CRITICAL THINKING

Develops methods of inquiry and analysis as core of a strategy of critical thinking. Students examine hypotheses according to evidence, role of necessary and sufficient conditions, concept of cause and effect, and treatment of alternative hypotheses. Includes use of these structures to formulate, evaluate, criticize and improve argument, judgment and interpretation. No prerequisite.

PL15 / PHL105 A-E-G / 3 cr. hrs.
LOGIC

Nature and structure of the reasoning process as found in basic fields of thought. Emphasis on both formal and informal logic, including fallacies in reasoning. No prerequisite.

PL16 / PHL201 A-E-G / 3 cr. hrs.
HISTORY OF PHILOSOPHY I

Surveys contributions of principal figures in history of Western philosophy from early Greeks to Medieval thinkers. Emphasizes works of Plato and Aristotle as setting foundation of early Western thought. No prerequisite.

PL17 / PHL202 A-E-G / 3 cr. hrs.
HISTORY OF PHILOSOPHY II

Surveys contributions of principal figures in history of Western philosophy from Modern period to contemporary thinkers. Emphasis on Rationalists and Empiricists as setting foundation of modern and contemporary thought. No prerequisite.

PL18 / PHL111 A-G / 3 cr. hrs.
WORLD PHILOSOPHIES

Addresses, across cultural boundaries, the great questions of philosophy. Can we integrate into Western philosophic heritage the wisdom of ancient China and insights of Japan? What can we learn from the Vedic tradition of pain and suffering, from Arab and Jewish traditions of God and the evil we find in the world, from African traditions of mysteries of the universe, and from our own native peoples of human vision? No prerequisite.

PL20 / PHL293 A-G / 3 cr. hrs.
PHILOSOPHY OF THE ARTS

Philosophical perspective on art, literature, music and popular culture. Classical and contemporary theories on aesthetics used to analyze examples from various artistic areas. Addresses problem of defining art, special character of aesthetic judgment, and distinction between art and non-art. Also investigates role of art in society, its function and purpose, relationship between art and morality, quality of aesthetic experience and process of artistic creation. Special emphasis on distinction between high and low art. Some field trips may be required. No prerequisite.

PL23 / PHL107 A-E-G / 3 cr. hrs.
ETHICS

Study of traditional and contemporary moral theories, along with consideration of some contemporary moral problems, designed to help develop student's ability to assess moral judgments. No prerequisite.

PL24 / PHL211 A-E-G / 3 cr. hrs.
BIOMEDICAL ETHICS

In-depth exploration of abortion, euthanasia, genetic engineering, cloning, human experimentation, allocation of scarce life-saving resources and other related ethical issues of current vital concern. No prerequisite.

PL25 / PHL212 A-G / 3 cr. hrs.
ETHICAL ISSUES IN BUSINESS

Within context of traditional and contemporary moral theory, investigates whether idea of business ethics makes sense, whether modern democratic social-welfare state – or any proposed alternative – is grounded in moral principle, whether corporations should have 'social conscience,' whether principle of *caveat emptor* ('let the buyer beware') takes precedence in consumer society, and (among other issues) whether 'globalization' or 'protectionism' is wave of future. No prerequisite.

PL30 / PHL215 A-E-G / 3 cr. hrs.
PHILOSOPHY OF RELIGION

Critical analysis of nature of religion and major conclusions of religious thought. Class discussion concerns readings taken from works of traditional and contemporary philosophers, including Aquinas, Anselm, Hume, Kant, Russell, Ayer, Flew and Munitz. No prerequisite.

PL32 / PHL113 A / 3 cr. hrs.

PHILOSOPHY OF HUMAN LIBERATION

Exploration of philosophical concepts of freedom, determinism, forms of oppression and models of liberation (with respect to race, class, gender, age, religion, etc.) Consulting texts by contemporary feminist philosophers, the primary example for discussing oppression/liberation is the situation of women as well as the concept of the feminine. Required in Women's Studies program. No prerequisite.

PL40-43A / PHL240-243A

PL44-46G / PHL244-246G

PL47-49E / PHL247-249E A-E-G / 3 cr. hrs. each

SPECIAL TOPICS PHILOSOPHY

Critical analysis of special philosophical topics where specific content varies from year to year.

PHYSICAL EDUCATION

☉ PE Service Fee

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 are required for all students enrolled in a degree program of study. Students with a documented medical waiver are required to take PE30: Lifetime Fitness and PE31: Personal Lifetime Fitness. Students may take additional physical education courses, but these credits cannot be applied toward fulfillment of graduation requirements. The same physical education class cannot be repeated for credit toward graduation. Students may take Fitness Specialist (PF) courses as unrestricted electives only on a seat-available basis.

PE12☉ / PED112☉ A-E-G / 1 cr. hr.

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.

PE13☉ / PED113☉ A-E-G / 1 cr. hr.

WEIGHT TRAINING

Develops and maintains physical fitness through proper technique and progressions of weight training with use of supplementary apparatus. No prerequisite.

PE14☉ / PED114☉ A-E-G / 1 cr. hr.

BEGINNING TENNIS

Basic instruction includes forehand stroke, backhand stroke and serve. Provides basic understanding of game and rules. No prerequisite.

PE15☉ / PED115☉ A-E-G / 1 cr. hr.

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.

PE16☉ / PED116☉ A-E-G / 1 cr. hr.

SOCCER

Covers basic fundamentals of soccer as well as provides opportunity to develop high level of aerobic fitness through vigorous participation. No prerequisite.

PE17 / PED117 A-G / 1 cr. hr.

RACQUETBALL

Covers basic fundamentals of lifetime sport of racquetball essential for full participation and enjoyment. Fee paid directly to racquetball court for all games played. Transportation required. No prerequisite.

PE18☉ / PED118☉ A-G / 1 cr. hr.

BASKETBALL/SOFTBALL

Team sports in which students receive instruction in basic fundamentals as well as principles of team work essential for enjoyable competition. No prerequisite.

PE19☉ / PED119☉ A-E-G / 1 cr. hr.

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.

PE20☉ / PED120☉ A-E-G / 1 cr. hr.

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.

PE21☉ / PED121☉ A-E-G / 1 cr. hr.

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.

PE22☉ / PED22☉ G / 1 cr. hr.

BADMINTON

Covers basic fundamentals of lifetime sport of badminton. Stance, strokes, scoring and strategies demonstrated by instructor and practiced by students in teams. No prerequisite.

PE23☉ / PED23☉ A-E-G / 1 cr. hr.

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.

☉ PE Service Fee

PE24☼ / PED124☼ **A-E-G / 1 cr. hr.**
SPORT CONDITIONING

Each athlete's session in this ten-week course consists of a cardiovascular, muscle and flexibility workout program designed according to his/her assessment results and sport interest. Enhancement of one's fitness for athletic participation in either a selected team or individual sport is focus of program. No prerequisite.

PE25☼ / PED125☼ **A-E-G / 1 cr. hr.**
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.

PE26☼ / PED126☼ **A-E-G / 1 cr. hr.**
PILATES

Introduces basic skills and techniques of Pilates mat work. Classes consist of Pilates exercises designed to improve strength and flexibility and to develop and condition the body's musculature, promoting correct breathing and good posture while enhancing mental concentration and focus. No prerequisite.

PE27 / PED127 **A-E-G / 1 cr. hr.**
BOWLING/BADMINTON

Fundamentals of bowling, history of courtesies, scoring, approach and delivery. Fee paid directly to bowling lanes for all games bowled. Badminton introduces racquet skills and strategy to play and enjoy both singles and doubles competition. Transportation required. No prerequisite.

PE28 / PED128 **A-E-G / 1 cr. hr.**
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.

PE29☼ / PED129☼ **A-E-G / 1 cr. hr.**
VOLLEYBALL

Develops basic skills of volleyball. Students learn correct method of passing, spiking and serving as well as rules, scoring and teamwork. No prerequisite.

PE30☼ / PED130☼ **A-E-G / 1 cr. hr.**
LIFETIME FITNESS

Provides students of any level of fitness or ability instruction about the roles that physical activity and lifestyle behaviors play in well-being of human body. Classes are 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. Required for students with a documented medical waiver. No prerequisite.

PE31☼ / PED131☼ **A-E-G / 1 cr. hr.**
PERSONAL LIFETIME FITNESS

Students apply to themselves principles learned in PE30 while assessing their current levels of fitness, setting goals, and designing and implementing a plan for personal improvement. Students establish a baseline of fitness levels at beginning of course and in collaboration with professor devise and implement a fitness improvement or maintenance plan and determine measurable outcomes by end of course. Required for students with a documented medical waiver. Prerequisite: PE30.

PE33☼ / PED133☼ **A-G / 1 cr. hr.**
SOCIAL DANCE

Instruction in basic steps of modern ballroom dancing. Dances taught might include cha cha, swing, foxtrot, meringue, etc. No prerequisite.

PE34☼ / PED134☼ **A-E-G / 1 cr. hr.**
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.

PE35-40E / PED135-140E**PE41-43, 70-76A / PED141-143, 170-176A****PE52-54, 81-85G / PED152-154, 181-185G****A-E-G / 1-2 cr. hrs. each****SPECIAL TOPICS IN PHYSICAL EDUCATION**

Special and current topics in physical education. Content varies from year to year.

PE36☼ / PED136☼ **E / 1 cr. hr.**
LATIN DANCE

Special topics course in which students learn and use basic step patterns, body movements and rhythmic structures of variety of Latin dances (examples: cha cha, mambo, tango, conga, samba, bossa nova, merengue, etc.) that can be used in social settings. No prerequisite.

PE37☼ / PED137☼ **E / 1 cr. hr.**
SWING DANCE

Special topics course introducing basic elements of swing dance from its origins to modern practice. No prerequisite.

PE41☼ / PED141☼ **A / 1 cr. hr.**
CLUB DANCE

Special topics course introducing the latest club dances including Salsa, Bachata, West Coast Swing, Hustle, Lindy Hop, etc. No prerequisite.

PE44☼ / PED144☼ **A-E-G / 1 cr. hr.**
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.

PE45 / **PED145** **A-E-G / 1 cr. hr.****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.

PE47 / **PED147** **A-E-G / 1 cr. hr.****YOGA**

Develops total physical awareness through Hatha Yoga. Includes lectures and demonstrations on nutrition, meditation and relaxation. No prerequisite.

PE48 / **PED148** **A-G / 1 cr. hr.****SELF-DEFENSE**

Basic techniques of self defense. Instruction concentrated on teaching fundamentals of judo. No prerequisite.

PE49 / **PED149** **A-G / 1 cr. hr.****MODERN DANCE AND COMPOSITION**

Techniques and principles of modern dance composition applying spatial, temporal, dynamic and dramatic elements of choreography. No prerequisite.

PE50 / **PED150** **G / 1 cr. hr.****LIFEGUARDING**

The American Red Cross Lifeguarding program provides lifeguards with skills and knowledge necessary to keep patrons of aquatic facilities safe in and around water. Includes lifeguard training with aquatic-specific aid and cardiopulmonary resuscitation (CPR) training. Prerequisites: must be able to swim. Check with instructor if unsure of swimming ability.

PE51 / **PED151** **A-E-G / 1 cr. hr.****BACKPACKING**

Techniques and fundamentals of backpack camping. Included are one-day field trip and weekend campout. Transportation required. No prerequisite.

PE53 / **PED153** **G / 1 cr. hr.****WATER AEROBICS**

Special topics course providing overview of scope of fitness attainable from regulated program of exercising in water. Stresses development of muscular strength, flexibility and increased aerobic capacity (endurance) in aqua aerobics and water exercise. Ability to swim not necessary. No prerequisite.

PE55 / **PED155** **E-G / 1 cr. hr.****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.

PE56 / **PED156** **E-G / 1 cr. hr.****FITNESS SWIMMING**

Uses swimming as activity to enhance cardiovascular fitness and muscle endurance. Pre- and post-fitness levels assessed. Self-monitoring of appropriate individualized intensity, frequency and duration of swimming stressed utilizing training journal in conjunction with class participation. Students need to swim 400 yards continuously at first session or have permission of instructor. No prerequisite.

PE59 / **PED159** **A-G / 1 cr. hr.****MODERN JAZZ DANCE**

Techniques of jazz dancing from its origins to contemporary stage dancing. No prerequisite.

PE60 / **PED160** **A-E-G / 1 cr. hr.****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.

PE61 / **PED161** **A-G / 1 cr. hr.****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.

PE62 / **PED162** **A-G / 1 cr. hr.****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.

PE63 / **PED163** **A / 1 cr. hr.****CARDIO-KICKBOXING**

Improves cardiovascular endurance by combining low-impact workout with moderate- to high-intensity conditioning through use of basic boxing skills such as jabs, punches, upper cuts and tae kwon do kicks. Some high-impact, high-intensity interval segments included. No prerequisite.

PE65 / **PED165** **A-G / 1 cr. hr.****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.

PE66 / **PED166** **A-G / 1 cr. hr.**
DISCIPLINES IN EQUITATION AND HORSEMANSHIP

For students who have completed Introduction to Equitation and Horsemanship (PE65) 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: PE65 or permission of instructor.

PE67 / **PED167** **A-G / 1 cr. hr.**
LINE DANCING

Introduces basic steps involved in line dancing. Students learn approximately 20 representative dances, combining memorization of steps with physical workout. No prerequisite.

PE72 / **PED172** **A / 1 cr. hr.**
TOTAL FITNESS

Special topics course providing "total" fitness experience through use of muscle training exercises, a variety of aerobic conditioning activities and stretching techniques. Training varies from day to day. Offered only during winter and summer day sessions. No prerequisite.

PE73 / **PED173** **A / 1 cr. hr.**
FITNESS ADVENTURE TOUR

Special topics online course emphasizing fitness conditioning combined with cultural and scenic exploration of selected area in United States or an international country. Fitness methods can include walking, hiking, backpacking, camping, cycling, canoeing, etc., throughout tour. Each fitness method and site selected from year to year includes one-week fitness tour experience to selected location. Initial education and preparation done online. Students responsible for all costs, including transportation. No prerequisite. (*offered summer only*)

PE82 / **PED182** **G / 1 cr. hr.**
BALLET

Special topics course exploring techniques of ballet from its origin to contemporary ballet. Emphasis on learning and developing both technical skills and aesthetic sensibilities at beginning level. No previous experience in ballet dance necessary. No prerequisite.

PE83 / **PED183** **G / 1 cr. hr.**
HIP-HOP AEROBICS

Special topics course improving cardiovascular endurance by learning and using basic hip-hop step patterns, body movements and rhythmic structures. Examples of hip-hop dances incorporated into aerobic workout include break dancing, pop and lock, Harlem shake, crazy legs. No prerequisite.

PE84 / **PED184** **G / 1 cr. hr.**
PICKLEBALL

Special topics course covering basic fundamentals of lifetime sport of pickleball. Basic instruction includes forehand, backhand, volley and serve. Provides basic understanding of game and rules. No prerequisite.

Fitness Specialist

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

PF12 / **PFS111** **A / 3 cr. hrs.**
NUTRITION AND HUMAN PERFORMANCE

Provides students in fitness field with nutritional information pertinent to enhancing human performance. Among subjects discussed are digestive system, food substances, minerals and vitamins; energy systems and their application to fitness and sports performance; supplemental and diet theories for sport enhancement and weight management; and relationship between food and exercise performance for special populations. No prerequisite. (*formerly PF32*)

PF15 † / **PFS113** † **A / 2 cr. hrs.**
EXERCISE LEADERSHIP AND CONCEPTS OF AEROBIC CONDITIONING

Physiological aspects of aerobic conditioning, principles of training, and biomechanics of appropriate movement patterns are covered. Exercise leadership techniques emphasized as students experience and learn design concepts for variety of aerobic conditioning programs: job/walk, cardio-kickboxing, bike, treadmill, rower, etc. (1 hr. lecture, 2 hrs. laboratory.) Prerequisite: BY30; corequisite: BY32.

PF16 † / **PFS201** † **A / 2 cr. hrs.**
EXERCISE LEADERSHIP AND CONCEPTS OF MUSCLE CONDITIONING

Covers physiological aspects of developing muscular strength and endurance, principles of training, exercise analysis and biomechanics of techniques. Exercise leadership techniques emphasized as students experience and learn design concepts for body toning, free weights, machines, etc., and their application for various programs and populations. (1 hr. lecture, 2 hrs. laboratory.) Prerequisites: BY30 and BY32.

PF20‡ / PFS205‡ A / 2 cr. hrs.

FITNESS ASSESSMENT AND SCREENING

Provides understanding of different components of fitness, various evaluation techniques, health screening of individuals, and their application to needs of clients and special populations in designing appropriate fitness program. (1 hr. lecture, 2 hrs. laboratory. Prerequisites: PF15 and current CPR certification. Corequisite: PF16.

PF23 / PFS209 A / 3 cr. hrs.

KINESIOLOGY

Analysis of skeletal, muscular and nervous systems provides basis for understanding human movement with emphasis on sport skills and dance forms. Mechanical principles underlying movement and their relationship to performance of skills emphasized. Prerequisites: BY30 and BY32.

PF25 / PFS212 A / 3 cr. hrs.

INJURY PREVENTION AND MANAGEMENT

Students study anatomy and biomechanics of human body discussing preventive and rehabilitative techniques for fitness and sport participation injuries. Stress reduction, over-training symptoms, and client's overall wellness included. Prerequisites: BY30, BY32 and PF23.

PF32 / PFS214 A / 3 cr. hrs.

OVERVIEW OF FITNESS AND FACILITY MANAGEMENT

Provides students with knowledge and skill required for employment in fitness field. Topics include growth and development of fitness industry, job opportunities, evaluation criteria for all levels, program planning, space and facilities design, equipment evaluation and purchasing, liability issues and more. (formerly PF11) No prerequisite.

PF40‡ / PFS217‡ A / 3 cr. hrs.

FIELD WORK IN FITNESS

Provides fitness specialists with on-campus practical fieldwork experience in working with clients by providing fitness assessment, screening, program design and leadership techniques through participation in an exercise program under supervision of department faculty. Knowledge base, skill and behavioral components covered in curriculum are assessed through this experience. Students enrolling in this course are automatically charged the liability insurance fee. (1 hr. lecture, 8 hrs. fieldwork.) Prerequisites: PF12, PF20 and PF23. Corequisites: PF25 and current CPR certification.

PF50-59 / PFS150-159 A / 1-3 cr. hrs. each

SPECIAL TOPICS IN FITNESS SPECIALIST

Special and current topics in fitness-related areas. Courses and/or content varies from year to year. Open to all students. No prerequisite.

PHYSICAL THERAPIST ASSISTANT

Note: Enrollment in PT courses is limited to students officially admitted to the Physical Therapist Assistant program.

PT10 / PTA101 A / 3 cr. hrs.

NORMAL MOVEMENT AND DEVELOPMENT

Covers concepts of motor control, motor development and motor learning. (3 hrs. lecture.) Prerequisite: BY30; corequisites: PT12, PT14.

PT12‡ / PTA103‡ A / 1 cr. hr.

PHYSICAL THERAPY SKILLS I

Covers development of technical skill in delivery of physical therapy interventions including use of standard precautions, range of motion, transfer training, bed mobility, gait training, and monitoring vital signs. Addresses principles of body mechanics. Develops appreciation of architectural barriers and their impact on disability. (3 hrs. laboratory.) Prerequisite: BY30; corequisites: PT10, PT14.

PT14 / PTA105 A / 2 cr. hrs.

INTRODUCTION TO PHYSICAL THERAPY

Covers concepts of practice of physical therapy including structure and function of the APTA, professionalism, professional and legal regulations/guidelines directing legal and ethical delivery of services by the physical therapist assistant, physical therapist examination/evaluation, documentation, therapeutic communication, patient interaction across diverse populations, and medical terminology. (2 hrs. lecture.) Prerequisite: BY30; corequisites: PT10, PT12.

PT20‡ / PTA201‡ A / 2 cr. hrs.

FOUNDATION OF DISEASE

Covers pathology and management of central/peripheral nervous system diseases, diabetes and arthritis. Components include pharmacology, diagnostic and laboratory testing. (2 hrs. lecture.) Prerequisites: BY30, PT10, PT12, PT14; corequisites: BY32, BY46, PT22, PT24.

PT22‡ / PTA203‡ A / 1 cr. hr.

PHYSICAL THERAPY SKILLS II

Covers basic principles of therapeutic exercise, instruction in manual resistive exercise, stretching, gait/balance exercises, and data collection procedures/tools to measure change in gait, balance and sensation. (2 hrs. laboratory.) Prerequisites: BY30, PT10, PT12, PT14; corequisites: BY32, BY46, PT20, PT24.

PT24‡ / PTA205‡ A / 2 cr. hrs.

PHYSICAL AGENTS I

Covers principles and techniques related to superficial thermal physical agents, hydrotherapy, mechanical traction, intermittent compression and wound healing, and data collection procedures/tools to measure change in pain, inflammation and wounds. (1 hr. lecture, 2 hrs. laboratory.) Prerequisites: BY30, PT10, PT12, PT14; corequisites: BY32, BY46, PT20, PT22.

PT26† / PTA215† A / 1 cr. hr.**INTRODUCTION TO CLINICAL PRACTICE**

Covers principles of patient management. Provides opportunity to apply first-year knowledge and skills in a clinical environment with variety of patients. Students enrolling in this course are automatically charged the liability insurance fee. (2 hrs. laboratory.) Prerequisites: BY32, BY46, PT20, PT22, PT24

PT30† / PTA230† A / 2 cr. hrs.**PHYSICAL AGENTS II**

Covers principles and techniques related to use of deep heating and electrical physical agents in physical therapy. (1 hr. lecture, 2 hrs. laboratory.) Prerequisite: PT26; corequisites: PT32, PT34, PT36.

PT32† / PTA232† A / 3 cr. hrs.**KINESIOLOGY**

Covers anatomy as it relates to posture and human motion with emphasis on muscle function and biomechanics. Skills include palpation of bony prominences, muscles and ligaments, and stretching of specific muscles. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: PT26; corequisites: PT30, PT34, PT36.

PT34† / PTA234† A / 1 cr. hrs.**PHYSICAL THERAPY SKILLS III**

Covers collection of data in physical therapy as it relates to joint range of motion and flexibility, muscle strength and soft tissue extensibility. Skills include goniometry, manual muscle testing using break testing, and soft tissue mobilization/massage. (2 hrs. laboratory.) Prerequisite: PT26; corequisites: PT30, PT32, PT36.

PT36† / PTA236† A / 3 cr. hrs.**CLINICAL AFFILIATION I**

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. Students enrolling in this course are automatically charged the liability insurance fee. (1 hr. lecture, 8 hrs. clinical.) Prerequisites: PT30, PT32, PT34.

PT40† / PTA240† A / 3 cr. hrs.**ADVANCED THERAPEUTIC EXERCISE**

Covers common musculoskeletal/neuromuscular/cardiopulmonary pathologies and physical therapy management through therapeutic exercise. Discusses orthotic and prosthetic devices. Skills include application of McConnell and athletic tape, stump wrapping and postural drainage techniques. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisites: PT30, PT32, PT34, PT36; corequisite: PT42.

PT42† / PTA242† A / 8 cr. hrs.**CLINICAL AFFILIATION II**

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 career plan. Clinical component provides clinical practice in community physical therapy departments. Students enrolling in this course are automatically charged the liability insurance fee. (1 hr. lecture, 25 hrs. clinical.) Prerequisites: PT30, PT32, PT34, PT36; corequisite: PT40

PT51-54 / PTA151-154 A / 1-4 cr. hrs. each**SPECIAL TOPICS IN PHYSICAL****THERAPIST ASSISTANT**

Special and current topics in physical therapist assistant. Content varies from year to year

PHYSICS

Note:

PH15-29 Courses designed for technical careers students, e.g., Construction, Electrical and Telecommunications Technology.

PH30-39 Courses designed for health careers students.

PH50-59 Non-calculus college physics courses primarily designed for pre-med, pre-dental, physical therapy, chiropractic, life science and liberal arts majors.

PH70-79 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.

PH15† / PHY110† A / 4 cr. hrs.**AUTOMOTIVE PHYSICS**

Basic course which acquaints ASEP students with some fundamental aspects of physics. Covers Newtonian dynamics including conservation of energy and momentum, and rotational motion. In addition, selected topics in strength of materials, fluids and thermodynamics are covered. Emphasis on applications to automotive system. Prerequisite: MA07.

PH24† / PHY112† A-G / 4 cr. hrs.**TECHNICAL PHYSICS I**

Acquaints students in Mechanical and Electrical Technology programs with fundamental aspects of physics. Study of Newton's Laws of Motion and their applications, principles of conservation of energy and momentum, and rotation and rotational dynamics. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA41.

PH30† / PHY115† **A / 4 cr. hrs.**
TECHNICAL PHYSICS FOR HEALTH CAREERS

For physical therapist assistants and students in other health technologies. Includes application of principles of equilibrium to human muscular system; study of work and energy; electricity and magnetism and their relation to physical therapy equipment, heat, wave motion, atomic radiation and light. (3 hrs. lecture, 1 hr. recitation, 2 hrs. laboratory.) Prerequisite: MA27 or equivalent.

Note: PH30 does not satisfy prerequisite for PH54.

PH37† / PHY120† **G / 4 cr. hrs.**
GEOMETRIC AND PHYSICAL OPTICS

Fundamental principles of geometric optics, with somewhat less detailed coverage of physical optics. Geometric optics begins with law of mirrors and Snell's law; reflection and refraction caused by both plane and spherical surfaces follow. Thin and thick lenses covered in great detail, as well as systems of lenses (microscopes and telescopes). Two-slit and thin film interference and single-slit diffraction are final topics covered in depth. Photometry, polarization and dispersion covered briefly. (4 hrs. lecture/recitation, 3 hrs. laboratory.) Prerequisite: MA27.

PH41† / PHY241† **A / 3 cr. hrs.**
RESEARCH PRACTICUM

Special topics course research experience at Brookhaven National Laboratory (BNL) for engineering and technical students. Students work on constructing a new beam line at the National Synchrotron Light Source (NSLS), or work on the Relative Heavy Ion Collider (RHIC.) They learn basic vacuum techniques, some aspects of elementary electronics, and safe use of hand tools. They also take BNL radiation safety course and learn whatever is necessary to accomplish the portion of the work assigned to Suffolk County Community College. This portion varies depending on number of students involved and their respective backgrounds. (1 hr. lecture, 4 hrs. laboratory.) Prerequisites: PH74, or TE24 and TE28, or permission of instructor.

PH41-44 / PHY241-244 **A / 3-4 cr. hrs.**
SPECIAL TOPICS IN PHYSICS

Special and current topics in physics. Content varies from year to year.

PH51† / PHY111† **A / 4 cr. hrs.**
HOW THINGS WORK

Geared to bringing an understanding of basic technology to non-science majors. Intended to be a practical introduction to the physics and science of everyday life. Topics covered include principles of operation, histories and relationships of objects from our daily environment such as cell phones, computers, batteries, refrigerators, planes, rockets, satellites, etc. Prerequisites: MA07 with no previous science background.

PH53, 54† / PHY101, 102† **A-G / 4 cr. hrs.**
COLLEGE PHYSICS I AND II

Two-semester college physics sequence for liberal arts, life science and physical therapy majors designed to acquaint students with basic concepts of physics. Topics covered include mechanics, sound, light, heat and electricity. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MA61 or equivalent (for PH53); PH53 (for PH54.)

PH71† / PHY130† **A / 3 cr. hrs.**
PHYSICS I

Basic course in sequence of courses offered to majors in physical sciences, mathematics and engineering. Includes vectors, kinematics, dynamics, rotational kinematics and dynamics, gravitation. (4 hrs. lecture/recitation.) Prerequisite: MA87. Corequisites: MA88, PH72.

PH72† / PHY132† **A / 1 cr. hr.**
PHYSICS I LAB

Mechanics laboratory. (2 hrs. laboratory.) Corequisite: PH71.

PH73† / PHY230† **A / 3 cr. hrs.**
PHYSICS II

Introduction to electricity and magnetism, Coulombs Law, Gauss's Law, potential, Lenz's Law, Ampere's Law, Faraday's Law, inductance, magnetic materials. (4 hrs. lecture/recitation.) Prerequisites: MA88, PH71. Corequisites: PH74, MA89.

PH74† / PHY232† **A / 1 cr. hr.**
PHYSICS II LAB

Elementary circuits laboratory, DC circuits, ammeters, voltmeters, mesh and loop equations, Thevenin's theorem, superposition, impedance matching, transients, impedance. (2 hrs. laboratory.) Corequisite: PH73.

PH75† / PHY245† **A / 3 cr. hrs.**
PHYSICS III

Thermodynamics, waves, group and phase velocity, Fourier Series, oscillation in physical systems, AC circuit theory, Maxwell's Equations, electromagnetic waves, and geometrical and physical optics. (4 hrs. lecture/recitation.) Prerequisites: MA90, PH73 and PH74. Corequisites: PH76 and MA89.

PH76† / PHY246† **A / 1 cr. hr.**
PHYSICS III LAB

AC circuit theory, waves, physical optics, and special topics in electromagnetic waves and electronics. (2 hrs. laboratory.) Corequisite: PH75.

PH77† / PHY247† **A / 3 cr. hrs.**
PHYSICS IV

Special Theory of Relativity, photoelectric effect, black body radiation, Planck's relationship, Bohr atom, introduction to wave mechanics, Schrodinger equation, atomic spectra and structure, introduction to nuclear physics and particles. (4 hrs. lecture/recitation.) Corequisites: PH75, PH76 and PH78.

PH78† / PHY248† A / 1 cr. hrs.
PHYSICS IV LAB

Contains modern physics labs such as spectroscopy, measurement of radioactive decay, and Thomson measurement of e/m. Emphasizes study of transistor circuits and elementary amplifier design. In addition, further study in matrix operations and Fourier and Laplace Transforms included. (3 hrs. laboratory.) Prerequisites: MA89 and MA90. Corequisite: PH77.

POLICE ADMINISTRATION

Courses offered at or through the Suffolk County Police Academy.

PD11 / POA113 G / 3 cr. hrs.
THE ADMINISTRATION OF CRIMINAL JUSTICE

Court structure, courtroom testimony, laws of evidence and arrest, search and seizure, justification for use of force, confession and admissions and related subjects. No prerequisite.

PD13 / POA113 G / 3 cr. hrs.
PHYSICAL EDUCATION AND DEFENSIVE TACTICS

Enables students to perform various exercises designed to improve cardiovascular endurance, muscular strength and flexibility. Also includes use of physical force for defensive purposes and to control actions of unruly persons. Training consists of various F.B.I.-approved defensive tactics. Proper nutrition also stressed. Does not count toward graduation. No prerequisite.

PD15 / POA115 G / 3 cr. hrs.
PATROL FUNCTIONS AND PROCEDURES

Vehicle and foot patrol procedures, police radio communications, hazardous materials, emergency service, gas and electrical emergencies, death notification, crimes and incidents in progress, role-playing in routine and unusual situations confronting police officers. No prerequisite.

PD21 / POA121 G / 3 cr. hrs.
CRIMINAL INVESTIGATIONS

Familiarization with specialized services such as crime laboratory, juvenile services, organized crime, medical examiner, canine patrol, etc. No prerequisite.

PD22 / POA122 G / 3 cr. hrs.
FIRST AID - CPR

Instruction in total emergency cardiac care system: check and evaluate vital signs, manage airway and remove obstructions, and correctly perform cardiopulmonary resuscitation alone and/or with antoehr rescuer. Also preper first aid to be rendered in various emergency situations.

PD31 / POA131 G / 6 cr. hrs.
CRIMINAL LAW AND PROCEDURE

Basic criminal law and procedure, definitions, and elements pertaining to appropriate degree and/or appropriate affirmative defenses. Crimes included but not limited to arson, assault, burglary, homicide, robbery, kidnapping, sex offenses, larceny and related offenses. No prerequisite.

PD55 / POA155 G / 3 cr. hrs.
COMMUNITY RELATIONS FOR POLICE

Draws upon behavioral and social sciences to help prospective police officers recognize and deal with disturbed and violent people, potential suicides, alcohol abusers, sudden infant death syndrome, crisis intervention, etc. Also includes dealing with stress, sensitivity to human rights, ethics, and relations with citizens of diverse racial, ethnic, religious backgrounds. No prerequisite.

PD91 / POA191 G / 6 cr. hrs.
CRIMINAL JUSTICE INTERNSHIP

A form of on-the-job training; highly structured and geared to duties and responsibilities inherent in enacting the police role. Occurs after formal classroom training and typically involves assignment of one or more experienced police officers to new recruit personnel for purpose of providing real on-the-street training, evaluation and retraining. Ultimately, objective of program is to prepare recruit personnel for solo assignments in the field. No prerequisite.

POLITICAL SCIENCE

PO15 / POL101 A-G / 3 cr. hrs.
POLITICAL THOUGHT

Introduction to major issues in politics and society, including ethics, justice, freedom, law and use of power. Selections from major political thinkers discussed and related to current political and social issues. No prerequisite.

PO20 / POL103 A-E-G / 3 cr. hrs.
STATE AND LOCAL POLITICS AND GOVERNMENT

Introduction to state and local governments, their institutions, processes by which they govern and political environments in which they operate. Includes current challenges state and local governments face due to changes in their relationship with national government and shifting policy needs. No prerequisite.

PO25 / POL105 A-E-G / 3 cr. hrs.
AMERICAN NATIONAL POLITICS AND GOVERNMENT

Introduction to national political process which explores institutions and political environment in which they operate. In addition to historical development of American government, course also includes current issues that impact future of the government and the people it serves. No prerequisite.

PO40 / POL107 A-E-G / 3 cr. hrs.

WORLD POLITICS

Study of nation-state system and nations' struggle for power; pursuit of self-interest through use of war and peace; search for national security, economic growth, international prestige and status; and management of conflicts between rich and poor nations. Contemporary approaches to study of world politics reviewed. No prerequisite.

PO41-44A / POL240-243A

PO45-47G / POL244-246G

PO48-49E / POL247-249E A-E-G / 3 cr. hrs. each

SPECIAL TOPICS IN POLITICAL SCIENCE

Special and current topics in political science. Content varies from year to year.

PO51‡ / POL151‡ A-G / 3-4 cr. hrs.

PUBLIC SERVICE INTERNSHIP

Opportunity to observe and participate in work of governmental offices and government-funded community action agencies (8 hours per week.) Develops such skills as leadership, research, oral and written communication, as well as provides information regarding career planning. In addition to eight hours of field work, student attends 100-minute weekly seminar. Individual conferences also held between student and instructor. Prospective students should apply for this course at least two weeks prior to pre-registration period. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisites: minimum of 18 college credits, 3.0 average or better, EG11, PO20 and permission of departmental committee.

PSYCHOLOGY

PC11 / PSY101 A-E-G / 3 cr. hrs.

INTRODUCTION TO PSYCHOLOGY

Principles of human behavior as determined by scientific method. Includes compressed treatment of basic principles of learning, motivation, sensation and perception, and selected topics in physiological psychology, childhood, adolescence and adulthood, human motivation, emotion, behavior disorders and adjustment. No prerequisite.

PC15 / PSY105 A-E-G / 3 cr. hrs.

APPLIED PSYCHOLOGY

Applied presentation of psychological background and viewpoints to understanding human behavior in such areas as learning, mental health and adjustment, business and industry, consumerism and political issues. No prerequisite.

PC20 / PSY201 A-E-G / 3 cr. hrs.

BRAIN AND BEHAVIOR

Second semester of scientific study of human behavior. Stresses biological basis for behavior, physiological background of motivation, theories of learning, thinking, behavior genetics, theories of personality, psychopathology, and recent research and developments in psychology. Recommended for students who plan to major in behavioral sciences at baccalaureate institutions. Prerequisite: PC11.

PC41-44A / PSY240-243A

PC45-47G / PSY244-246G

PC48-50E / PSY247-249E A-E-G / 3 cr. hrs. each

SPECIAL TOPICS IN PSYCHOLOGY

Special topics in psychology. Content varies from year to year.

PC41 / PSY240 A / 3 cr. hrs.

RESEARCH METHODS IN THE SOCIAL SCIENCES

Special topics online course open to all psychology and sociology majors who have completed PC11 or SO11. Transferable to SUNY at Stony Brook as well as other four-year institutions. Familiarizes students with various research methods and statistical analysis of data that social scientists use to study human behavior, as individuals and groups. Emphasizes "practical side of research" rather than discussion of more abstract issues found in methodology and philosophy of science or statistics courses. Prerequisite: PC11 or SO11.

PC52 / PSY202 A / 3 cr. hrs.

SPORTS PSYCHOLOGY

Explores topical issues related to sports from several perspectives—those of individual athletes, coaches, sports psychologists, trainers, sports managers and that of the larger society. Issues discussed include goal setting for peak performance, motivation, competitive stressors, visualization, burnout and drug abuse, as well as issues of race and gender as they relate to stereotyping, participation and opportunity structure. Prerequisite: PC11.

PC55 / PSY205 G / 3 cr. hrs.

HEALTH PSYCHOLOGY

Health psychology is area within psychology devoted to understanding influence psychological factors have on health maintenance, etiology of illness and how people react when they do become ill. Concerned with all psychological aspects of health and illness. Exposes students to such diverse topics as impact of life stress and life events on physical and psychological health status, stress management, health maintenance behaviors (e.g., diet and exercise), and how to get people to improve their health and change health-damaging behaviors such as smoking and alcoholism. Prerequisite: PC11.

PC60 / PSY210 A-E-G / 3 cr. hrs.

DEVELOPMENTAL PSYCHOLOGY

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: PC11.

PC61 / PSY211 A / 3 cr. hrs.
THE PSYCHOLOGY OF ADULTHOOD AND AGING

Investigates progress of human development throughout adulthood and later life, primarily from psychological perspective. Although most of human lifespan is spent as an adult, developmental psychology courses, because of time constraints, either stop at adolescence or give short shrift to what follows it. This course enables students to understand psychological as well as sociological and anthropological aspects of the process of becoming an adult and aging. Prerequisite: PC11.

Note: *Credit given for PC61 or SO60, but not both.*

PC63 / PSY213 A-E-G / 3 cr. hrs.
THE EXCEPTIONAL CHILD

Introduces students to needs, abilities and prognosis for children who are mentally retarded, hyperactive, emotionally disturbed, physically disabled, gifted and talented, learning disabled, or possess speech, hearing and visual impairments. Psychological, educational, parental, legal and medical considerations are explored. Prerequisite: PC11.

PC64 / PSY214 A-E-G / 3 cr. hrs.
CHILD AND ADOLESCENT PSYCHOLOGY

Examines major theories of child and adolescent psychology. Emphasis on physical, cognitive, social, moral and emotional development as child progresses through various stages of development. Issues explored include the family, peer group influence, and role of the school. Prerequisite: PC11.

PC66 / PSY216 A-E-G / 3 cr. hrs.
SOCIAL PSYCHOLOGY

Study of social interaction at several levels including personal perception and impression management, affiliation and attraction, aggression and pro-social behavior, attitude formation and change, group behavior and conformity, and social interaction in a changing society. Prerequisite: PC11 and SO11.

PC70 / PSY220 A-E-G / 3 cr. hrs.
EDUCATIONAL PSYCHOLOGY

Understanding and applying methods of psychology to problems encountered in teaching/learning situations. Prepares way for professional understanding and insight into problems encountered in the contemporary classroom. Prerequisite: PC11.

PC80 / PSY215 A-E-G / 3 cr. hrs.
ABNORMAL PSYCHOLOGY

Examines historical roots, theoretical orientations and current controversies in psychopathologies. Emphasis on description, cause and treatment of behavior disturbances. Prerequisite: PC11.

PC88 / PSY218 E-G / 3 cr. hrs.
THEORIES OF PERSONALITY

Examination of different approaches to an understanding of human personality through study of such theories as the behavioristic, psychoanalytical (including both Freud and Neo-Freudians), phenomenological, type and trait; consideration of their contribution to a clear and intelligible understanding of the human organism as an apparently integrated being. Prerequisites: 6 credits psychology, or PC11 and permission of instructor.

RADIO AND TELEVISION PRODUCTION

RT11 / RTV101 A / 3 cr. hrs.
INTRODUCTION TO BROADCASTING

Studies social impact of broadcasting through historical examination of origins of radio and television. Such issues as programming, audience measurement, advertising, public broadcasting and cable casting are approached from their economic and cultural influences. Field trips and guest speakers. No prerequisite.

RT12 / RTV102 A / 3 cr. hrs.
ISSUES IN BROADCASTING

Seminar dealing with crucial contemporary issues in broadcasting and cable television fields. Relationship of these issues to past, present and future of industry discussed. Students required to perform research projects and provide oral reports. Prerequisite: RT11.

RT21† / RTV111† A / 3 cr. hrs.
RADIO PRODUCTION

Production principles and setups for specific programs: deejay, live music, drama (sound effects), interview and remote sports. Procedures in manipulation of studio equipment: microphones, audio mixing consoles, turntables, reel-to-reel, cartridge tape machines and remotes. Production hours assigned. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite: matriculation in Radio and Television Production curriculum.

RT22† / RTV122† A / 3 cr. hrs.
ADVANCED RADIO PRODUCTION

Teaches advanced digital audio production and recording techniques. Uses digital audio recording, editing and playback technology to produce products such as public service announcements, commercials, station imaging campaigns, documentaries and news productions. Multi-track audio editing is used for music and commercial production. Explores format and development of production projects and examines contemporary industry product for technique and style of production. Prerequisite: RT21.

RT25† / RTV115† **A / 3 cr. hrs.**
ANNOUNCING

Training in all aspects of radio and television announcing: news reading, commercials, drama and music continuity, ad lib. Prerequisite: RT21.

RT31-32† / RTV121-122† **A / 3 cr. hrs.**
TELEVISION PRODUCTION I AND II

Production techniques of TV director, producer and operational staff in execution of programs, news, interviews, documentaries, special events, video tape operation, graphics, cameras and composition, camera, set-up, switching, sound, lighting; rotation in all production positions. RT31 stresses equipment operations and RT32 emphasizes role of producer/director. Hands-on operations stressed in practical production experience. Production hours assigned. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisite for RT31: RT21; prerequisite for RT32: RT31.

RT35 / RTV125 **A / 3 cr. hrs.**
BROADCAST COPY AND SCRIPT WRITING

Analysis and writing of radio and television copy. Scripts studied include broadcast news, commercials, documentaries, special events and drama. Commercials and original copy are utilized. Prerequisite: EG11 and matriculation in Radio and Television Production curriculum.

RT41 / RTV201 **A / 3 cr. hrs.**
ELECTRONIC MEDIA MANAGEMENT

Broadcast managerial concerns such as ascertainment of community problems and demographic features, audience measurement, programming, sales and promotion, independent/network affiliation. Resumé writing and interview preparation for entry-level positions. Prerequisite: RT21.

RT43† / RTV203† **A / 4 cr. hrs.**
ELECTRONIC FIELD PRODUCTION

Teaches skills involved in development of materials for television news and public affairs "magazine" programs. Hands-on experience provided in areas of production planning, on-location shooting and recording, and video tape editing. Prerequisites: CN19 and RT31.

RT44† / RTV204† **A / 4 cr. hrs.**
VIDEO EDITING

Technology, techniques and theory of television postproduction. Students work with computer-based non-linear editing systems. Variety of projects designed to approximate industry editing requirements required. Teaches reading of waveform monitor and vector scope, and alignment of editing system. Field trips to local editing facilities. Prerequisite: RT43.

RT46-49 / RTV240-243 **A / 3-4 cr. hrs. each**
SPECIAL TOPICS IN RADIO AND TELEVISION PRODUCTION

Special and current topics in radio and television. Content varies from year to year.

RT50†, 51† / RTV250†, 251† **A / 4 cr. hrs. each**
INTERNSHIP IN VIDEO AND SOUND

Field work in broadcasting or cable television environment. Student obligations to be agreed upon in internship contract. Supervising faculty hold periodic meetings with student interns and their supervisors to coordinate intern performance. Students have obligation of 150 hours of field work and periodic class/discussion meetings. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisites: matriculation in Radio and Television Production curriculum and successful completion of 6 or more RT credits with grade of B or better.

READING**I. Placement**

Incoming students are initially placed in RE09 (with RELA: Reading Laboratory) or RE10 (with RELB: Reading Laboratory) on the basis of the SCCC College Placement Test (CPT) score and high school record.

II. Course Selection after the First Semester

1. It is expected that those students initially placed in RE09/RELA will enroll in RE10/RELB the following semester in order to complete the developmental sequence.
2. Those students initially placed in RE10/RELB 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 RE10/RELB should consult members of the Reading faculty at their home campus.

RE09 with RELA (Reading Laboratory)
/ RDG098 **A-E-G / 3 hrs.****INTRODUCTION TO COLLEGE READING**

Provides individual and small group instruction in basic reading and study skills. Involves intensive instruction geared to develop higher level of competence to assure success in subject classes and allow entry into RE10. Requires completion of 12 clock hours of individualized laboratory work for improvement of specific skill needs, accomplished by mandatory simultaneous enrollment in a section of RELA (a 50-minute-per-week non-credit reading laboratory). Graded on a S-R-U-W basis. Not applicable toward any degree or certificate. Corequisite: RELA.

RE10 with RELB (Reading Laboratory)

/RDG099 A-E-G / 3 hrs.

READING IN THE CONTENT AREAS

Enhances basic reading skills necessary for successful completion of other content area courses. Develops ability to read and study textbook materials effectively; discover main ideas in paragraphs; discover meaning through use of absolute and conditional language; note details and make inferences; recognize structural devices in sentences and paragraphs; draw conclusions; outline and summarize; take notes from written and oral material; use proper form and style for research paper writing; develop vocabulary; prepare for and take exams; and develop study skills. Requires completion of 12 clock hours of individualized laboratory work for improvement of specific skill needs, accomplished by mandatory simultaneous enrollment in a section of RELB (a 50-minute-per-week non-credit reading laboratory). Graded on S-R-U-W basis. Not applicable toward any degree or certificate. Corequisite: RELB

RE11 / RDG101 A-E-G / 3 cr. hrs.

ADVANCED COLLEGE READING

Develops advanced reading skills that sharpen ability to read and comprehend longer-passage materials through knowledge of structure, style, content and author intent. Emphasis on ability to analyze material for levels of profundity; main idea; paragraph order – deductive, inductive, development by facts, description of a process, analysis, cause to effect, classification, comparison/contrast, analogy; vocabulary development through contextual clues and word analogies; denotative and connotative language; inference and judgment; and appropriate reading approach. Involves class lecture and discussion sessions. Can be used to satisfy liberal arts and sciences elective requirements. No prerequisite.

RECREATION LEADERSHIP

Note: Enrollment in RA courses (except RA30 and RA40) is not limited to students officially admitted to the Recreation Leadership program.

RA14 / REC101 A / 3 cr. hrs.

INTRODUCTION TO RECREATION SERVICES

Overview of history, philosophy, objectives, structure, functions and interrelationships of community, therapeutic, industrial and commercial recreation services. Principles of program planning and implementation. Requires 30 hours of volunteer work in approved community agency. Minimum grade of C required. No prerequisite.

RA16 / REC111 A / 3 cr. hrs.

COMMUNITY RECREATION

Theory and principles of leadership in recreation, park and leisure programs. Program development, assessment and leadership techniques for recreation programs in public sector voluntary agencies, commercial and industrial settings. Minimum grade of C. Prerequisite or Corequisite: RA14

RA19 / REC136 A / 3 cr. hrs.

LEISURE COUNSELING

Principles and practices of organizing and leading leisure counseling programs in recreation settings. Emphasizes idea generation, creative skills, resource development and practical knowledge necessary to adapting these areas to various disability groups, ages and settings. No prerequisite.

RA20 / REC120 A / 3 cr. hrs.

SPECIAL POPULATIONS IN THERAPEUTIC RECREATION

Needs and nature of special populations in therapeutic recreation settings and role of recreation therapist in leading activities with persons who are hospitalized, children, elderly, physically disabled, developmentally disabled, emotionally disturbed, substance abusers or social deviants. Roles of recreation therapist, activities therapist and health care team also discussed. Minimum grade of C required.

RA21 / REC121 A / 3 cr. hrs.

THERAPEUTIC RECREATION PROCESS

Orientation to history, philosophy and development of therapeutic recreation services for special populations in both institutional and community settings. Includes therapeutic recreation process, professional development, ethics, assessment, activity planning, activity adaptation and documentation techniques. Minimum grade of C required. Prerequisite: RA14. Pre- or corequisite: RA20.

RA30† / REC201† A / 4 cr. hrs.

FIELDWORK IN RECREATION LEADERSHIP I

Supervised field experience in a recreation program, coordinated by college and approved cooperating agency, with required weekly group seminar. Emphasis on application of theory. Students enrolling in this course are automatically charged the liability insurance fee. (2 hrs. lecture, 8 hrs. fieldwork.) Prerequisites: RA14 and either RA16 or RA20.

RA40† / REC203† A / 5 cr. hrs.

FIELDWORK IN RECREATION LEADERSHIP II

Supervised field experience in a recreation program coordinated by college and approved cooperating agency. Emphasis on application of theory. Students enrolling in this course are automatically charged the liability insurance fee. (2 hrs. lecture, 12 hrs. fieldwork.) Prerequisite: RA30.

Note: Enrollment in RA30 and RA40 is limited to students officially admitted to the Recreation Leadership program. Students must maintain a C average in all RA courses in order to be eligible for either RA30 or RA40 and have completed a minimum of 30 credits in the curriculum.

RA68-69 / REC168-169 A / 3 cr. hrs. each
SPECIAL TOPICS IN RECREATION
 Special and current topics in recreation. Content varies from year to year.

SOCIOLOGY

SO11 / SOC101 A-E-G / 3 cr. hrs.
INTRODUCTION TO SOCIOLOGY
 Fundamental principles and concepts of sociology including culture, interaction, norms, values, institutions, stratification and social change. No prerequisite.

SO17 / SOC207 A / 3 cr. hrs.
MODERN AMERICAN CULTURE
 Macro-social trends of urbanization and industrialization in the United States from perspectives of social, political and economic institutions, attitudes and behavior patterns. Topics include division of labor, emergence of a national urban culture, and comparative modern institutions. Special topics may also include mass communication, collective behavior, and a demographic ecology. Prerequisite: SO11.

SO22 / SOC121 A-E-G / 3 cr. hrs.
MODERN SOCIAL PROBLEMS
 Examination of social problems generated in modern societies, chosen from among the following: deviant behavior, inequality, poverty, cults, ethnic and race relations, sexism, mental health, crime, drug and alcohol abuse. Prerequisite: SO11 or permission of instructor.

SO24 / SOC204 G / 3 cr. hrs.
AMERICAN ETHNICS: NATIVE AND IMMIGRANT
 Analysis of selected ethnic groups and their relationship to the dominant culture. Emphasis on historical, sociological, anthropological and psychological components which have brought about the group's unique ethnic identity. Prerequisite: SO11 or AN11.

SO33 / SOC203 A-E-G / 3 cr. hrs.
MARRIAGE AND THE FAMILY
 Institution of the family as it fulfills specific social and individual needs. Emphasis on modern American family; cross-cultural elements also treated. Particular topics include mate selection, socialization, marital and parental relationships, role of the state, divorce and remarriage. Prerequisite: SO11.

SO35 / SOC205 A-E-G / 3 cr. hrs.
CRIMINOLOGY
 In-depth analysis of social nature of crime. Particular emphasis on cultural origins of deviance. Topics include penology, social control and administration of justice. Prerequisite: SO11.

SO37 / SOC212 G / 3 cr. hrs.
DEATH AND DYING
 Study of various aspects of the dying process with emphasis on American society. Some areas of concern are theories of bereavement and grieving, attitudes toward death, social processes such as wakes and funerals, religious orientations, and forms of sudden death. No prerequisite.

SO40 / SOC210 A / 3 cr. hrs.
MEDICAL SOCIOLOGY
 Explores such issues as the way in which education of health care professionals affects patient care and structures role requirements; factors determining treatment of mentally ill; legal, medical and social implications of major public health issues such as occupational health hazards and AIDS epidemic; and the feedback loop between society and medical technology. No prerequisite.

SO41-44A / SOC240-243A
SO45-47G / SOC244-246G
SO48-50E / SOC247-249E A-E-G / 3 cr. hrs. each
SPECIAL TOPICS IN SOCIOLOGY
 Special and current topics in sociology. Content varies from year to year.

SO55 / SOC215 A / 3 cr. hrs.
THE SOCIOLOGY OF GENDER
 Considers a number of gender-related questions facing U.S. society. What economic, social and cultural changes have modified traditional definitions of femininity and masculinity? How is gender socially constructed, reconstructed and deconstructed? Considers implications of changing gender roles for personal relationships among women, between women and men, and among men. How do women and men experience situations differently? Students learn about feminist movements, their impact on men's movements, and their implications for social change. Is there movement toward sexual equality? Explores cultural consequences of gender inequality in various institutions, and also examines intricate web of interrelationships between gender, race, class and age. Prerequisite: SO11.

SO60 / SOC220 E / 3 cr. hrs.
SOCIOLOGY OF THE AGING
 Comprehensive coverage of all aspects of aging in contemporary life. Social and economic forces that tend to make elderly people increasingly dependent with age are considered. Life for the aged is very much subject to the culture of which one is a part. Emphasis on social processes and social change to make students aware that certain conditions of old age are not static, but always subject to change. Social theories of aging are analyzed from perspective of their validity over time and across cultures, and their relative influence on development of social policies. Finally, course examines one's changing perceptions of self with age and role transitions. No prerequisite.

Note: Credit given for either SO60 or PC61, but not both.

SPANISH

SP11-12† / SPN101-102† **A-E-G / 3 cr. hrs.**
ELEMENTARY SPANISH I AND II

Introductory sequential courses in Spanish which develop the four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Introduce basic concepts of Spanish culture. Language laboratory requirement. *SP11 is for students with little or no knowledge of Spanish; it is not appropriate for native/fluent speakers of Spanish – SP51 or SP55 recommended or see advisor.* Prerequisite for SP12: SP11 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

Note: *Credit given for 1) either or both courses in the SP11-12 sequence or 2) SP13, but not for both options.*

SP13† / SPN113† **A-E-G / 6 cr. hrs.**
INTENSIVE ELEMENTARY SPANISH I AND II

Accelerated course covering elementary Spanish sequence (SP11 and SP12) in one semester. Language laboratory requirement. This course is not appropriate for native/fluent speakers of Spanish - SP51 or SP55 recommended or see advisor. No prerequisite.

Note: *May not be taken for credit after any other course in Spanish.*

SP20-21 / SPN120-121 **G / 3 cr. hrs. each**
BASIC CONVERSATIONAL SPANISH I AND II

Basic conversational courses for students with no background in Spanish which cover grammar and vocabulary useful for speaking and understanding Spanish at work, home and in other day-to-day environments. May not be used to fulfill language requirement for humanities, social science and general studies curricula or for transfer purposes. May be used to satisfy liberal arts, humanities or unrestricted elective requirements in other curricula. No prerequisite for SP20. Prerequisite for SP21: SP20 or equivalent.

SP22 / SPN122 **G / 3 cr. hrs.**
SPANISH FOR HEALTH CARE PERSONNEL

Meets special linguistic needs of medical personnel and others who deal with Spanish-speaking clients in a health care setting. Covers basic linguistic and grammatical structures as well as vocabulary in context of medical/health-related situations. No prerequisite. (Does not fulfill foreign language requirements.)

SP51† / SPN201† **A-E-G / 3 cr. hrs.**
INTERMEDIATE SPANISH I

Continues study of structures of Spanish with more intensive oral and writing practice. Introduces cultural and literary selections. Language laboratory requirement. Prerequisite: SP12 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

SP52 / SPN202 **A-E-G / 3 cr. hrs.**
INTERMEDIATE SPANISH II

Structural review focusing on oral and written communication. Introduces social, political and cultural aspects of Hispanic world through analysis of wide range of authentic literary and cultural selections. Prerequisite: SP51 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

SP55 / SPN125 **A-E-G / 3 cr. hrs.**
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. No prerequisite.

SP60 / SPN220 **A-E-G / 3 cr. hrs.**
SPANISH CONVERSATION AND COMPOSITION

Advanced-level course focusing on development of oral and written communication skills within wide range of contexts and situations. Reviews specific grammatical structures, broadens general vocabulary and enhances correct pronunciation techniques to strengthen accuracy and precision in oral and written Spanish. Prerequisite: SP52 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

SP61 / SPN221 **A-E-G / 3 cr. hrs.**
CULTURE AND CIVILIZATION OF SPAIN

Overview of culture and civilization of Spain through examination of literature, history and art forms, including film, music and mass media. *Given in Spanish.* Prerequisite: SP52 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

SP62 / SPN222 **A-E-G / 3 cr. hrs.**
SURVEY OF MODERN SPANISH LITERATURE

Study of representative works of 20th and 21st century Spanish literature. Students read, analyze and discuss selections from prose, poetry and theater. *Given in Spanish.* Prerequisite: SP52 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

SP63 / SPN223 **A-E-G / 3 cr. hrs.**
ADVANCED SPANISH GRAMMAR AND COMPOSITION

Develops higher levels of proficiency needed to communicate effectively in academic and professional writing tasks. Focuses on expository writing techniques such as analysis, organization, editing and revision. Attention given to more detailed aspects of grammatical structure and expansion of more formal vocabulary. Prerequisite: SP52 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

SP65 / SPN225 A / 3 cr. hrs.
CULTURE AND CIVILIZATION OF LATIN AMERICA

Overview of culture and civilization of Latin America through examination of literature, history and art forms, including film, music and mass media. *Given in Spanish*. Prerequisite: SP52 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

SP66 / SPN226 A-E-G / 3 cr. hrs.
SURVEY OF MODERN LATIN AMERICAN LITERATURE

Study of representative works of 20th and 21st century Latin American literature. Students read, analyze and discuss selections from prose, poetry and theater. *Given in Spanish*. Prerequisite: SP52 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages".)

TELECOMMUNICATIONS TECHNOLOGY

TT12† / TEL112† A / 4 cr. hrs.
ELECTRICAL CIRCUITS

Training in application of Ohm's law, Kirchhoff's laws, Thevenin's and Norton's theorem, and superposition related to analysis of DC and AC passive circuits. Includes RLC circuits, complex impedances, phases, resonance and transformers. (3 hrs. lecture, 2 hrs. laboratory.) Corequisites: MA41 and TT15.

TT15† / TEL115† A / 3 cr. hrs.
COMPUTER APPLICATIONS IN TELECOMMUNICATIONS

Extensive training in basic computer orientation and use of computer as multimedia tool. A variety of software packages are related to the workplace to create documents, memos, spreadsheets, graphs, databases and presentations. Use of electronic mail and software is designed to enhance productivity in classroom and workplace. (2 hrs. lecture, 2 hrs. laboratory.) Corequisite: MA41 or equivalent.

TT20† / TEL220† A / 4 cr. hrs.
TELECOMMUNICATIONS I: VOICE

Introduction to techniques, principles and terminology of voice telecommunications. Public and private networks are examined. Telecommunications equipment, switching and transmission technology are demonstrated. Frequency spectrum, modulation schemes and multiplexing techniques are explored. Lectures, interactive learning and demonstrations are employed. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA41, TT12 and TT15. Corequisites: TT22 and TT24.

TT22† / TEL222† A / 4 cr. hrs.
ELECTRONICS I

Students are trained in physical principles underlying current carriers in semiconductor materials; static and dynamic characteristics of diodes and transistors; biasing methods and concepts of amplification; analysis of basic BJT and FET circuits; frequency response of one- and two-stage amplifiers; troubleshooting, and analysis by computer simulation. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA41, TT12 and TT15. Corequisite: MA42.

TT24† / TEL224† A / 4 cr. hrs.
DIGITAL ELECTRONICS I

Covers topics related to number systems and codes, logic functions and Boolean algebra. IC building blocks are used in applications ranging from logic gates to flip-flops, counters, registers and arithmetic circuits. Algebraic reduction and mapping used to minimize Boolean expressions and combinational logic circuits. Computer simulation of digital circuits used to verify actual hardware setups. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA41, TT12 and TT15. Corequisites: MA42 and TT22.

TT30† / TEL230† A / 4 cr. hrs.
TELECOMMUNICATIONS II: DATA

Introduction to techniques, principles and terminology of data telecommunications. Public and private telecommunications networks are examined. Data communications equipment, multiplexing and transmission technology are demonstrated. Lectures, interactive learning and demonstrations are employed. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA42 and TT20. Corequisites: TT32, TT34 and PH24.

TT32† / TEL232† A / 4 cr. hrs.
ELECTRONICS II

Analysis and application of advanced electronic circuits. Topics include differential amplifiers, stage gain in decibels, input and output impedances, linear IC operational amplifiers, frequency response and Bode plot, active filters, D/A and A/D circuits, oscillators and high-frequency amplifiers, troubleshooting of test circuits, and analysis by computer simulation. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA42 and TT22.

TT34† / TEL234† A / 4 cr. hrs.
DIGITAL ELECTRONICS II

Organization, architecture and hardware aspects of digital computers. Topics include introduction to microprocessors, types and characteristics of different chips, motherboards, bus structures, memory, I/O interfaces, disk drives, video displays and printers. Serial and parallel buses are discussed. Applications include interfacing of peripherals, data communications between computers, and a team project. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA42 and TT24. Corequisite: TT32.

TT40† / TEL240† A / 4 cr. hrs.
TELECOMMUNICATIONS III: LOCAL AREA NETWORKS

Introduction to technology and terminology of Local Area Networks (LANs). Topologies, transmission media, network interfaces and access methods are examined. Shared resources and interconnecting of LANs presented via lectures, interactive learning and laboratory exercises. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA42 and TT30.

TT42† / TEL242† A / 4 cr. hrs.
TELECOMMUNICATIONS IV: EMERGING TECHNOLOGIES

Introduces emerging technologies such as packet technology, ISDN, video gateway services, intelligent networks and wireless communications. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA42 and TT30. Corequisite: TT40.

THEATRE ARTS

NOTE: TH71 through TH77 are required in the Theatre Arts: Automated Lighting and Stage Rigging certificate program described on page 176.

TH11 / THR101 A-E-G / 3 cr. hrs.
UNDERSTANDING THEATRE

Introductory course developing appreciation for and understanding of theatre in all its facets throughout history up to the present. Through lecture/demonstration and attendance at college theatre productions, students are exposed to major components of theatre including historical aspects, playwrighting, acting, directing and designing. No prerequisite.

TH15† / THR115† A / 3 cr. hrs.
BASIC THEATRE PRACTICE: STAGECRAFT

Principles and practices of scenic construction, painting, shifting, rigging and stage mechanics. Development of skills in safe use of hand and power tools and stage equipment. Students learn to read ground plans and working drawings. Production projects in association with staging a college play are required. No prerequisite.

TH16† / THR116† A / 3 cr. hrs.
BASIC THEATRE PRACTICE: LIGHTING CRAFTS

Basic electricity necessary for using and maintaining stage lighting instruments and accessories. Safety practices are taught. Major topics include principles of lighting, types and functions of lighting instruments, manual and remote lighting controls. Experience offered in production practices in translating a lighting design for a specific script to the lighted stage. Included are reading designs, organizing setup period, preparation of charts, plugging, rigging, hanging, focusing of instruments and running the production. No prerequisite.

TH17† / THR117† A / 3 cr. hrs.
BASIC THEATRE PRACTICE: COSTUME CRAFTS

Basic sewing and costume construction. Includes simple maintenance of sewing equipment, organization of studio identification, use of supplies and characteristics, and treatment of natural and synthetic fabrics. Experience offered in analyzing and building costume design for a specific script into a finished costume. Includes pattern drafting, cutting and fitting. No prerequisite.

TH18† / THR118† A / 3 cr. hrs.
BASIC THEATRE PRACTICE: DRAFTING AND DESIGN

Elements and principles of design as related to the stage: scenery, props, costumes and lighting. Includes techniques of producing ground plans, elevation and renderings. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite.

TH19† / THR119† A / 3 cr. hrs.
BASIC THEATRE PRACTICE: SOUND

Equipment, methods and practices used in production of sound for the stage. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite.

TH21 / THR105 A-E-G / 3 cr. hrs.
ACTING I

Study and practice in basic techniques of acting. Application of theory through presentations of scenes, improvisations and exercises in class. No prerequisite.

TH22 / THR205 A-E-G / 3 cr. hrs.
ACTING II

Concentrated study and practice of character creation through period and contemporary scene studies and class exercises. Prerequisite: TH21 or permission of instructor.

TH23 / THR207 A / 3 cr. hrs.
THE ACTOR'S INSTRUMENT

A voice and speech course exploring interconnectedness of voice, speech, breath, text and acting. Techniques include vocal warm-up, basics of vocal health and methods of using the voice as means of pursuing a character's objective. Introduction to Skinner method of speech and phonetic transcription. Prerequisite: TH21.

TH24 / THR206 A / 3 cr. hrs.
ACTING FOR FILM AND TELEVISION

For advanced acting students to provide them with practical introduction to acting for the camera. Visual and audio techniques stressed through classroom exercises, demonstrations and simulated productions. Video and audio equipment utilized to assist student actors in the training process. Prerequisite: TH21 and TH22.

TH27 / THR127 A / 3 cr. hrs.
STAGE COMBAT

Provides students practical concentrated study in basics of stage fighting. Utilizing fencing to develop focus, coordination and safety, students progress through rapier and broadsword use to elementary hand-to-hand techniques. Culmination of studies is staged choreography, with partner, of classical fight scene to demonstrate competence in all disciplines. No prerequisite.

TH40 / THR210 A / 3 cr. hrs.
AUDITION PREPARATION

Offers practical concentrated study in basics of auditioning from the research, selection and rehearsal of a repertoire of four contrasting monologues to the utilization of the rules of Stanislavski-based text and scene analysis as it applies to the art of the cold reading. Teaches importance of proper audition etiquette and professional conduct. Course culminates with a monologue presentation critiqued by Acting Department faculty. Prerequisites: TH21 and TH22.

TH41 / THR211 A / 3 cr. hrs.
CLASSICAL THEATRE

Study of classical drama in relation to stage design, acting and other elements of theatre. No prerequisite.

TH42 / THR212 A / 3 cr. hrs.
MODERN THEATRE

Study of contemporary drama in relation to stage design, acting and other elements of theatre. No prerequisite.

TH43 / THR243 A / 3 cr. hrs.
THEATRE PORTFOLIO REVIEW

Focuses on in-depth analysis and final presentation of cumulative work. Additionally, course requires research into next desired level of training. Prerequisites for Acting Sequence (205-1): TH11, TH15, TH17, TH21, TH22, TH52 and TH53. Prerequisites for Technical Theatre Sequence (205-2): TH11, TH15, TH16, TH18, TH21, TH52 and TH53.

TH45 / THR131 A-E-G / 3 cr. hrs.
NEW YORK THEATRE

Theatre appreciation based on experiencing actual professional theatrical productions in New York. Lecture/discussion focuses on aspects of theatre production and critiques of performances attended. Cost of theatre tickets and transportation is responsibility of each student. No prerequisite.

TH46-49 / THR240-243 A / 3 cr. hrs.
SPECIAL TOPICS IN THEATRE

Special and current topics in theatre. Content varies from year to year.

TH51 / THR151 A-E-G / 3 cr. hrs.
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 repeated once for credit. Prerequisite: permission of instructor.

TH52-55† / THR152-155† A-G / 2 cr. hrs.
PRODUCTION LABORATORY I-IV

Learning through doing is goal of Production Laboratory. Practical experience in theatre production is achieved by working in various areas including scenic construction and painting, stage lighting, costume construction, sound properties, house and publicity, and makeup. (Note: students who take more than one semester of rehearsal and performance work in a variety of production areas.) Specific assignments to production areas are made by instructor of TH52-55 based on student requests and production needs.

TH71† / THR171† A / 3 cr. hrs.
STAGE RIGGING AND FALL PROTECTION

Introductory course in temporary rigging applications, rigging hardware and fall protection. Students gain respect for rigging equipment and its safe use. Guest speakers include college OSHA officials and industry professionals. (30 hrs. lecture, 30 hrs. laboratory.)

TH72† / THR172† A / 3 cr. hrs.
COMPUTER APPLICATIONS FOR THEATRE I

Introduction to software programs commonly used in lighting industry. Students explore architectural drafting methods and techniques and also gain strong foundation using three-dimensional modeling and lighting design paperwork programs. Focuses on Vectorworks, Lightwrite and WYSIWYG. (30 hrs. lecture, 30 hrs. laboratory.)

TH73† / THR221† A / 3 cr. hrs.
COMPUTER APPLICATIONS FOR THEATRE II

Expands upon content/training in TH72 by increasing understanding of 3-D applications and their integration with variety of consoles. Primarily uses Vectorworks and WYSIWYG software. (30 hrs. lecture, 30 hrs. laboratory.) Prerequisite: TH72.

TH74† / THR174† A / 3 cr. hrs.
LIGHTING CONSOLE TRAINING I

Gives practical applications for programming lighting consoles and show productions. Introduces students to variety of manufacturers' hardware to learn various strengths and weaknesses of each. Actual production scenarios work in conjunction with training. (30 hrs. lecture, 30 hrs. laboratory.)

TH75† / THR222† A / 3 cr. hrs.
LIGHTING CONSOLE TRAINING II

Expands on content/training in TH74. Students learn different control protocols and network communication applications. Covers troubleshooting and advanced programming features. (30 hrs. lecture, 30 hrs. laboratory.) Prerequisite: TH74.

TH76† / THR176† **A / 3 cr. hrs.**
AUTOMATED LIGHTING I

Introductory course covering topics in theory and professional practice of automated lighting. Features strong "hands on" component focusing on understanding of equipment setup, troubleshooting and repair. Provides introduction to real world lighting scenarios and problem solving techniques encountered in the field. (30 hrs. lecture, 30 hrs. laboratory.)

TH77† / THR223† **A / 3 cr. hrs.**
AUTOMATED LIGHTING II

Expands upon content/training in TH76. Provides solid understanding of mechanical workings of automated lighting, including circuit boards and motor assembly. Presents advanced "real life" scenarios to enhance students' problem-solving abilities and understanding of automated lighting. (30 hrs. lecture, 30 hrs. laboratory.) Prerequisite: TH76.

**VETERINARY SCIENCE
TECHNOLOGY****VS12† / VST101†** **G / 2 cr. hrs.**
**INTRODUCTION TO ANIMAL
TECHNOLOGY**

Survey course introducing terminology and specializations of animal technology field. Lectures and demonstrations include role of veterinary technician; career opportunities; safety, ethics and humane treatment of animals; information related to different classifications and breeds of animals; principles and practices of animal care in clinics, hospitals and research laboratories; handling and restraint of large, small and research animals; legal regulations, state and federal laws. Requires two field visits to observe professions in animal health field. Students must demonstrate proof of current tetanus inoculation and provide own transportation to off-campus field experiences. (1 hr. lecture, 2 hrs. laboratory.) No prerequisite.

VS13† / VST102† **G / 3 cr. hrs.**
**COMPARATIVE ANATOMY OF
DOMESTICATED ANIMALS**

Covers comparative anatomy of laboratory animals, large farm animals and poultry in a systemic manner. Integumentary, muscular, skeletal, cardiovascular, respiratory, digestive, reproductive, urinary, endocrine and nervous systems are covered. Laboratories involve dissection of cat, rat and chicken and organs of the cow, sheep and horse. *CD-ROM simulations replace dissection of the preserved cat by students.* (2 hrs. lecture, 3 hrs. laboratory.)

VS21† / VST201† **G / 3 cr. hrs.**
LABORATORY ANIMAL TECHNOLOGY

Prepares students for careers as laboratory animal technicians. Topics focus on theoretical and practical aspects of husbandry, restraint, and handling of commonly used research animals. Includes preparation of students for more advanced course work in Veterinary Science Technology curriculum by emphasizing aspects of medical terminology and pathology and by accustoming students to manipulation of living animals. Safety and humane treatment emphasized throughout course. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: VS12 and VS13, or permission of department.

VS22 / VST114 **G / 2 cr. hrs.**
VETERINARY PRACTICE MANAGEMENT

Principles involved in operating a veterinary practice. Legal aspects of practice are discussed as well as methods of managing personnel, financial responsibilities, ordering drugs and supplies, keeping inventory and bookkeeping. Students use illustrations from actual practices and become familiar with forms currently in use. The computer and its impact and use in veterinary medicine are discussed. Hands-on experience is obtained. (2 hrs. lecture.) No prerequisite.

VS23† / VST112† **G / 4 cr. hrs.**
**COMPARATIVE PHYSIOLOGY OF
DOMESTICATED ANIMALS**

Basic physiological systems and their interrelationships in mammalian and avian species. Lectures compare and contrast basic systems (neuromuscular, skeletal, cardiovascular, respiratory, digestive, urinary, reproductive, endocrine and immune). Laboratories focus on quantitative measurement of physiological parameters. *CD-ROM simulations replace use of animals in laboratory experimentation.* (3 hrs. lecture, 3 hrs. laboratory.) Prerequisites: VS13 and CH21, or permission of department.

VS24 / VST205 **G / 2 cr. hrs.**
PHARMACY AND PHARMACOLOGY

Focuses on aspects of pharmacy and pharmacology important to practicing veterinary technician. Major topics include proper handling, storage and dispensing of pharmaceuticals. Drug action, appropriate drug selection, and calculations of various drug dosages are taught. (2 hrs. lecture.) Prerequisite: VS13 or permission of department.

VS31†, 43† / VST203†, 213† **G / 3 cr. hrs. each**
ANIMAL CLINIC INTERNSHIP I AND II

Two-course sequence providing supervised applied training each semester by assignment to a contracted facility. Through these supervised training experiences students develop their skills as animal technicians. Performance is evaluated by the internship coordinator. Students required to provide their own transportation to off-campus field experiences. Students enrolling in these courses are automatically charged the liability insurance fee. (1 hr. lecture, 8 hrs. clinical experience each semester.) Prerequisites: VS34 and BY42 or permission of department.

† Course Fee

VS32‡ / VST202‡ G / 3 cr. hrs.

CLINICAL LABORATORY TECHNIQUES I

Various aspects of veterinary hematology which are important to the LVT. Lecture topics provide background anatomy, physiology, biochemistry and pathophysiology necessary for comprehensive understanding of procedures covered in laboratory portion of course. Laboratory sessions concerned primarily with collection, storage, handling and analysis of blood. Students enrolling in this course are automatically charged the liability insurance fee. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: VS23 or permission of department.

VS33‡ / VST206‡ G / 4 cr. hrs.

VETERINARY CARDIOLOGY AND RADIOLOGY

Prepares students for participation in two important areas of diagnostic technology. Cardiology portion enables students to understand and participate in process of cardiovascular evaluation; emphasis on electrocardiography. Radiology portion imparts knowledge of X-ray machinery and use, film processing, patient positioning and safety. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: VS23.

VS34‡ / VST111‡ G / 3 cr. hrs.

FARM ANIMAL NURSING

Laboratory hands-on course providing students with necessary technical skills and knowledge to function as farm animal nurses. Familiarizes students with proper handling techniques and procedures such as restraint, collection of specimens, and medication of farm animal species. Students required to provide their own transportation to off-campus field experiences. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisites: VS12 and VS13 or permission of department.

VS41‡ / VST216‡ G / 4 cr. hrs.

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: VS32 or permission of department.

VS42‡ / VST212‡ G / 3 cr. hrs.

CLINICAL LABORATORY TECHNIQUES II

Major topics of veterinary clinical pathology not covered in VS32. 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: VS32 or permission of department.

VS43‡ / VST213‡ G / 3 cr. hrs.

ANIMAL CLINIC INTERNSHIP II

See VS31.

‡ Course Fee

VISUAL ARTS

VA11 / ART110 A-E-G / 3 cr. hrs.

ART OF THE WESTERN WORLD

Introductory-level telecourse examining works of art that have come to define Western visual tradition from Ancient Greece to present day. Examines Western Art against backdrop of its time. Filmed across America and Europe, series enables students to experience selection of masterpieces of art and architecture through immediacy and impact of close-range camera. No prerequisite.

VA12 / ART101 A-E-G / 3 cr. hrs.

ART APPRECIATION

Introductory course designed to identify major visual art forms. Includes examination of selected masterpieces through use of films, slides and field trips; also, experience with simple methods and materials to illustrate basic concepts, gain insight into the creative process, and cultivate aesthetic values. No prerequisite.

VA17 / ART111 A-E-G / 3 cr. hrs.

ART HISTORY I

Introductory survey of principal movements and trends in painting, sculpture and architecture from pre-historic to Renaissance. No prerequisite.

VA18 / ART112 A-E-G / 3 cr. hrs.

ART HISTORY II

Introductory survey of principal movements and trends in painting, sculpture and architecture from Renaissance to 20th century. (May be taken out of sequence.) No prerequisite.

VA19 / ART113 A-E-G / 3 cr. hrs.

MODERN ART

Study of history of painting, sculpture and architecture from 1850 to the present. Emphasis primarily of the 20th century. Lectures supplemented with slides, film and museum and gallery trips. No prerequisite.

VA24‡ / ART124‡ E / 3 cr. hrs.

COLOR

Examines dimension of color in art from an historical perspective. Traces evolution of color theory and practice from early Renaissance to the present. Includes lectures with slide presentations and demonstrations directed toward obtaining consistent and controlled color effects. Also involves hands-on work with acrylic paints. Areas of study include theories of color harmony and contrast, color mixing and composition. (4 studio hrs. each week.) Prerequisite: VA30.

VA30‡ / ART130‡ A-E-G / 3 cr. hrs.

2D DESIGN

Foundation course in two-dimensional design. Exploration of historical and contemporary concepts of space and pictorial composition. Studio problems employing elements of line, texture, shape, form and color. A basic course for painting, graphics, photography and commercial art. (4 studio hrs. each week.) No prerequisite.

**VA33‡ / ART133
DRAWING I** **A-E-G / 3 cr. hrs.**

Introduction to fundamentals of drawing. Drawing of objects to develop student's understanding of proportion, value, perspective, form and shape. Develops accurate observation, understanding and memory of key forms, properties of illumination, and effective use of drawing materials. (1 hr. lecture, 4 studio hrs. each week.) No prerequisite.

**VA34‡ / ART134‡
DRAWING II** **A-E-G / 3 cr. hrs.**

More detailed investigation of concepts explored in VA33: Drawing I. Investigation of various wet and dry drawing media. (1 hr. lecture, 4 studio hrs. each week.) Prerequisite: VA33.

VA35‡, 36‡ / ART135‡, 136‡ **A-E-G / 3 cr. hrs. each**
LIFE DRAWING I AND 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 for VA35: VA33; Prerequisite for VA36: VA35.

VA41-44A / ART151-154A**VA45-47G / ART155-157G****VA48-50E / ART158-160E** **A-E-G / 3 cr. hrs. each**
SPECIAL TOPICS IN THE VISUAL ARTS

Explores new trends, major developments or current happenings in the world of art. Content varies from semester to semester.

VA43 / ART151 **A / 3 cr. hrs.****UNDERSTANDING CONTEMPORARY ART**

Special topics course providing students opportunity to visit art galleries and major museums on Long Island and in New York City to gain basic understanding and appreciation of development of contemporary art and its roots. Students learn how to evaluate and critique works of contemporary art, its materials, concepts and presentation. No prerequisite.

**VA55‡ / ART202‡
PAINTING I** **A-E-G / 3 cr. hrs.**

Introduction to painting techniques in oil and other media. Explores perception of light, shadow and color and the rendering of these elements. (4 studio hrs. each week.) Prerequisite: VA33 or permission of instructor.

**VA56‡, 57‡, 58‡ /
ART203‡, 204‡, 205‡** **A-E-G / 3 cr. hrs. each****ADVANCED PAINTING**

Continued exploration of problems and skills explored in VA55, with an emphasis on developing independent work. (4 studio hrs. each week.) Prerequisite: VA55.

**VA59‡ / ART209‡
WATERCOLOR** **A-E-G / 3 cr. hrs.**

Instruction in various techniques of watercolor painting, with reference to European and American traditions. (4 studio hrs. each week.) Recommended prerequisite: VA33.

**VA60‡ / ART210‡
3D DESIGN** **A-E-G / 3 cr. hrs.**

Foundation course in three-dimensional design. Exploratory problems that help develop understanding of and sensitivity to use of three-dimensional design fundamentals. Analysis of concepts as a basis for sculpture, ceramics, architecture and industrial design. (1 hr. lecture, 4 studio hrs. each week.) No prerequisite.

**VA61‡ / ART161‡
CERAMICS I** **A-G / 3 cr. hrs.**

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. (4 studio hrs. each week.) No prerequisite.

**VA62,‡ 63‡, 64‡ /
ART162,‡ 163‡, 164‡** **A / 3 cr. hrs. each**
ADVANCED CERAMICS

Continued investigation of materials and processes of ceramics on a more technical level. Intensive study of skills learned in VA61. Students explore basics of glaze and clay body formulation and develop their skill on the potter's wheel. (4 studio hrs. each week.) Prerequisite: VA61.

VA65‡ / ART165‡ **A-G / 3 cr. hrs.**
WHEEL-THROWN CERAMICS

Examines use of potter's wheel in ceramic arts. Teaches students fundamental skills necessary to create wheel-thrown objects in clay. Students explore pottery wheel's functions and care in order to utilize its many creative possibilities. Off-wheel techniques such as texture modalities, different glazing techniques and kiln firing skills also explored. (4 studio hrs. each week.) No prerequisite.

**VA71‡ / ART171‡
SCULPTURE I** **A-G / 3 cr. hrs.**

Introduction to fundamentals of sculpture emphasizing the figure. Various problems in form are explored. Emphasis on modeling techniques in clay and other materials. (4 studio hrs. each week.) No prerequisite.

**VA72‡, 73‡, 74‡ /
ART172‡, 173‡, 174‡** **A-G / 3 cr. hrs. each**
ADVANCED SCULPTURE

Continued investigation of skills and concepts learned in VA71. Students encouraged to develop their own direction in their work. (4 studio hrs. each week.) Prerequisite: VA71.

VA80† / ART280† E-G / 3 cr. hrs.
**COOPERATIVE EDUCATION IN
 PHOTOGRAPHY AND GRAPHIC DESIGN**

A one-hour seminar is held on campus each week and a minimum of 150 hours is spent working within photography or graphic design industries. Students enrolling in this course are automatically charged the liability insurance fee. (BU80 or ID80 may be substituted for VA80 with permission of department.) Prerequisites for Graphic Design majors: GR25 and permission of area dean and instructor. Prerequisites for Photography Imaging majors: C+ or better grade in VA94 and (if taken) VA96, or permission of instructor. (*offered spring semester only*)

VA81† / ART181† A / 3 cr. hrs.
PRINTMAKING I

Basic printmaking techniques in a variety of graphic media. Introduction to intaglio processes such as etching, aquatint, dry point and wood cut. (4 studio hrs. each week.) No prerequisite.

VA82† / ART182† A / 3 cr. hrs.
PRINTMAKING II

Continued investigation of materials and processes of intaglio such as engraving, softground, sugar lift and color printing. Refining of basic skills and exploration of the media. (4 studio hrs. each week.) Prerequisite: VA81.

VA89 / ART289 A-E-G / 1 cr. hrs.
**PORTFOLIO DEVELOPMENT AND
 ASSESSMENT**

Capstone course in Visual Arts curriculum where students learn how to assemble their work into a professional portfolio. Covers preparation of slides, business and postcards, mounting and matting of artwork, and presentation techniques. Critiques are integral part of course. Culmination of course is presentation of student's portfolio to panel of professors from Visual Arts program. Course restricted to Visual Arts majors in fourth semester. Prerequisites: Enrollment in Visual Arts curriculum and VA35 or permission of Academic Chair.

VA90 / ART114 E-G / 3 cr. hrs.
HISTORY OF PHOTOGRAPHY

Photography's contribution to the visual arts, focusing on individual photographers and development of particular styles. Relationship between photography and other fine art media considered, as well as effect of photographic imagery on our culture. No prerequisite.

VA91† / ART141† E-G / 3 cr. hrs.
**INTRODUCTION TO SILVER-BASED
 PHOTOGRAPHY**

Introduction to art and techniques of the camera and darkroom. Students learn basic black and white available-light photography, including film exposure and development, variable contrast printing, enlarging and dry mounting. Students must provide their own fully adjustable 35mm camera (with manual f-stops and shutter speeds), film, paper and some other supplies. (4 hrs. lecture/lab per week.) No prerequisite.

VA92† / ART142† E-G / 3 cr. hrs.
INTERMEDIATE PHOTOGRAPHY

Builds on basic camera and black and white darkroom techniques introduced in VA91. More advanced techniques such as pushing and pulling film development, multiple filter printing, spotting and archival processing are covered. Use of artificial lighting, both tungsten and electronic strobe, is introduced for still life and portraiture. Through creative problem-solving, students are encouraged to develop their own individual photographic style. Students must provide their own fully adjustable 35mm camera (with manual f-stops and shutter speeds), film, paper and some other supplies. (2 hrs. lecture, 2 hrs. studio per week.) Prerequisite: VA91 or permission of instructor.

VA93† / ART214† E-G / 3 cr. hrs.
**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. (1 hr. lecture, 4 hrs. studio per week.) Prerequisite: VA91 or permission of instructor.

VA94† / ART213† E-G / 3 cr. hrs.
STUDIO PHOTOGRAPHY

Presents practical applications of medium and large format photographic techniques and principles in context of the commercial studio with emphasis on portraiture, still life and product photography. Zone System is introduced. Students receive extensive experience in use of flash and hot light systems, props and other technical aspects of studio work. Photographic Imaging majors are still expected to follow prescribed sequence of VA91, VA92, VA94 and either VA93 or VA96. (1 hr. lecture, 4 hrs. studio per week.) Prerequisite: VA92 or permission of instructor.

VA95† / ART215† E-G / 3 cr. hrs.
LARGE FORMAT PHOTOGRAPHY

Explores use of 4X5 view camera in both "studio" and "on location" settings. Application in studio includes both still life and people photography. Application "on location" includes interior and exterior architecture and landscape photography. Photographic problem solving methods addressed using view camera movements in relationship to perspective control, distortion control, and controlling plane of focus. Lighting techniques, lens and film selection, exposure control systems including Zone System, and aesthetic reasons for the application of view camera discussed. (1 hr. lecture, 4 hrs. studio per week.) Prerequisite: VA94 or permission of instructor.

VA96† / ART224† E-G / 3 cr. hrs.
ELECTRONIC IMAGING

Students learn to use Adobe Photoshop as a tool to integrate visual imagery and text. Students use video, photographs, slides or other non-photographic images. Input techniques such as still video capture and scanning are covered as are various techniques for controlling and combining words and images. All phases of image enhancement and manipulation, retouching, silhouetting, image combination and special effects are practiced. Various approaches of handling type, as both pictorial element and in combination with other imagery, are discussed. (1 hr. lecture, 4 hrs. studio per week.) Prerequisites or corequisites: GR31 or CA84 and VA91 or permission of instructor.

VA97† / ART217† E-G / 3 cr. hrs.
DIGITAL PHOTOGRAPHY

Using digital cameras in a studio setting to create original, all-digital, filmless images. More advanced features of Adobe Photoshop are covered, and other similar software packages are introduced. New techniques, processes and special effects are taught. Production and output an important objective of this course. (1 hr. lecture, 4 hrs. studio per week.) Prerequisites: VA94 or VA96 and permission of instructor.

VA98† / ART2170† E-G / 1-3 cr. hrs.
INDEPENDENT STUDY IN PHOTOGRAPHY

For self-motivated photography students who wish to explore a particular area of photography not specifically covered in other courses. Students meet regularly with an instructor of their choosing who assigns projects to be completed in the open lab (or in the student's own darkroom). May be repeated for up to a maximum of three credits. Prerequisites: two photography courses at Suffolk County Community College with a B or better grade and permission of instructor.

VA99† / ART299† E-G / 1 cr. hrs.
PHOTOGRAPHY PORTFOLIO DEVELOPMENT AND ASSESSMENT

Capstone course for Photographic Imaging majors; must be taken in last semester before graduation. Students assemble their work into a professional portfolio. Mounting, matting and presentational techniques are covered. Critiques are integral part of the course. Prerequisite: VA94 or permission of instructor. (*offered spring semester only*)

WOMEN'S STUDIES

Note: *Curriculum outline may be found on page 156 under LIBERAL ARTS AND SCIENCES: WOMEN'S STUDIES EMPHASIS, A.A. DEGREE.*

WS12 / WST112 A-E / 1.5 cr. hrs.
WOMEN'S SEMINAR

Required for but not restricted to Women's Studies students. Students who successfully complete WS12 have satisfied the OS15, 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.

HM46 / HUM116 A-E-G / 3 cr. hrs.
SEXISM AND THE HUMANITIES

Investigates philosophical, mythological and religious origins of sexism and develops the way these create a gendered perspective in all societies. Analyzes definitions of sexism and implications of biological differences. Investigates consequences of sexism and efforts to create alternatives through study of women and men in the arts (art, music, language, literature and popular media.) No prerequisite.

HM48, 49 / HUM148, 149 A / 3 cr. hrs. each
WOMEN AND THE ARTS

Interdisciplinary rotating course, its content varying from semester to semester. No prerequisite.

HM52 / HUM122 A / 3 cr. hrs.
GENDER AND THE LAW

Examines place and image of women within American legal system. Investigates religious influences and philosophical origins of gender differences in the law, with emphasis on issues such as hate crimes, child custody and divorce. No prerequisite.

HM60 / HUM130 **A-E / 3 cr. hrs.**
**CAREER INTERNSHIPS: EQUITY,
 CHOICES AND PROFESSIONALISM IN
 THE WORKPLACE**

Offers broad spectrum of work opportunities in private sector as well as governmental agencies, under supervision of selected sponsors. In addition to six hours per week of field work, students attend weekly seminar. In this way, they learn to integrate theory and practice and recognize their own potential for change. They examine legal, public and private forces operating in the professions, such as affirmative action, tokenism and harassment. In the process, students develop organizational skills, ability to analyze social structure of the workplace and, above all, to think creatively about their ultimate career goals. Course can fulfill a humanities, liberal arts and sciences or unrestricted elective. Students enrolling in this course are automatically charged the liability insurance fee. Prerequisite: EG11 or permission of instructor. Recommended: minimum of 12 credit hours.

HS38 / HIS105 **A-E / 3 cr. hrs.**
WOMEN'S ROLE IN AMERICAN HISTORY

Analysis of the part that women played in American history from Colonial period to the present. Emphasis on social, political and religious attitudes toward women; status of women; influence of specific women; female involvement in important movements and organizations, etc. No prerequisite.

PL32 PHL113 **A / 3 cr. hrs.**
PHILOSOPHY OF HUMAN LIBERATION

Exploration of philosophical concepts of freedom, determinism, forms of oppression and models of liberation (with respect to race, class, gender, age, religion, etc.) Consulting texts by contemporary feminist philosophers, the primary example for discussing oppression/liberation is the situation of women as well as the concept of the feminine. Required in Women's Studies program. No prerequisite.

SO55 / SOC220 **A / 3 cr. hrs.**
THE SOCIOLOGY OF GENDER

Considers a number of gender-related questions facing U.S. society. What economic, social and cultural changes have modified traditional definitions of femininity and masculinity? How is gender socially constructed, reconstructed and deconstructed? Considers implications of changing gender roles for personal relationships among women, between women and men, and among men. How do women and men experience situations differently? Students learn about feminist movements, their impact on men's movements, and their implications for social change. Is there movement toward sexual equality? Explores cultural consequences of gender inequality in various institutions, and also examines intricate web of interrelationships between gender, race, class and age. Prerequisite: SO11.



SCCC Alumnus Profile

Michael Russell, Class of 1976
Investments Director

When Michael Russell was appointed to the Board of Trustees of the State University of New York (SUNY) in 2005, it was another step along a path of lifelong service to the community. With a distinguished career in financial management, he has been an asset to numerous business and non-profit organizations for thirty years.

Currently the director of investments for the Port Jefferson office of Wachovia Securities, Michael began working for the company, previously known as Prudential Securities, in 1982. Since then, he has shared his energy and expertise with such enterprises as the New York State Small Business Development Corporation, the Metropolitan Transportation Authority's Capital Review Board, the Brookhaven Industrial Development Agency, and as Commissioner of the New York State Cable Television Commission. He has also been active politically as a transition team member for the Suffolk County Executive and for the District Attorney. He held the title of Special Assistant to the New York State Senate Majority Leader for more than six years.

Michael credits SCCC with helping him set his course in life. "At Suffolk I met wonderful professors like Dr. Gary Goodwin and Dr. Corita Kong who inspired me to continue my education," he says. After four years of service in the U.S. Air Force, including a tour in Vietnam, he went on to earn a bachelor's degree from Adelphi University. He believes it was his education that prepared him to work and provide guidance for not-for-profit organizations.

Michael's community spirit is reflected in the various awards he has won. In 2005, he was named Man of the Year by Jefferson's Ferry Continuous Care Retirement Community and Trustee of the Year by the Nassau Suffolk Hospital Council. In 1992, he was honored as Man of the Year by the Nassau Suffolk Chapter of Big Brothers/Big Sisters and in 1994 as an Outstanding Business Leader by SCCC. He has also received a Certificate of Merit from the Suffolk County Bar Association, the Theodore Roosevelt Award from J.T. Mather Hospital in Port Jefferson, and a Public Service Award from the Suffolk County District Attorney.

Michael's appointment to SUNY's Board of Trustees is only one of his current commitments. In the non-profit area, he continues to serve as a director of J.T. Mather Memorial Hospital, chairman emeritus of the Nassau-Suffolk Hospital Council, director and treasurer of Jefferson's Ferry, and president of the Alternatives for Children Foundation, an organization that provides rehabilitation and care for challenged children.

Explaining his dedication, Michael says, "I feel strongly that it is everyone's obligation to give of both their time and financial resources to make their communities better places to live."



SCCC Alumna Profile

Karla Torres, Class of 1990
Social Worker

“Anyone can tell you that working with adolescents can be challenging, but when you can encourage and engage them in creating positive changes it is deeply rewarding,” says Karla Torres, a social worker at Brentwood High School. “I consider myself lucky to have a job where I can encourage, empower, and advocate for the students and families I work with.”

When Karla graduated from high school, she was not sure about what she wanted to do with her future, but she knew she would need a college education to be successful. Like many young students looking for direction, she enrolled at SCCC. “From the day I enrolled at Suffolk until the day I graduated, the staff was always available, helpful and supportive,” she says. “Suffolk is where I gained the academic foundation and self-confidence I needed to pursue my education.”

With the encouragement of Professor Sam Brinn, Assistant Director of Admissions and EOP, Karla applied for and won a scholarship through the Minority Achievers Scholarship Program (MASP). That motivated her to think about a profession which would allow her to give back to the community. She says, “Professor Brinn managed to put many students, including me, on the path to educational success.”

After graduating from SCCC with an associate’s degree in liberal arts, Karla transferred to Adelphi University, where she earned both a B.A. in psychology and a Master’s of Social Work (M.S.W.).

During her graduate study, she completed a variety of internships that prepared her for her present career. At the Developmental Disabilities Institute, she worked with an adult autistic population, teaching them daily living and socialization skills. At Stony Brook University Hospital, she assisted patients and their families in coping with changes caused by illness and hospitalization, and coordinated the discharge plans for their continued care. Her third assignment, at Brentwood’s South Middle School, introduced her to the work with adolescents that is now her specialty. Karla provides interventions for students dealing with abuse, peer pressure, pregnancy, truancy and other school and family-related problems. She believes that most students can overcome obstacles if they reach out for support and guidance.

Karla says that if she could begin her career again, she would still choose the profession of social work and she would still choose the Brentwood School District. She would also still choose to start her education at SCCC. She says it is because of the positive experience she had at the college that she encourages Brentwood High School students to consider starting there too.



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The Suffolk Community College Foundation is a non-profit corporation formed to develop additional resources to enable the college to provide quality educational experiences for its students. Scholarship funds constitute the largest single use of the assets of the foundation. Minority scholarships, honors scholarships and awards based on financial need and academic merit are funded by the foundation.

Emergency student loans, special projects for professional staff development, support for unique academic enrichment programs 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.

Organizations within the foundation include the Alumni Association and the Retirees Association of Suffolk Community College (RASCC).

The purpose of the Alumni Association is to serve the college. The organization works to enhance the well-being of the college, its student body, alumni, faculty and community by providing scholarships and hosting various social, cultural and fund-raising 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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The Suffolk Center on the Holocaust, Diversity & Human Understanding, Inc. (CHDHU) is a not-for-profit corporation created by Suffolk County Community College to manage an extensive collection of Holocaust, slavery and abolitionist materials that were donated to the college, and to assist in efforts to teach tolerance and human understanding.

CHDHU's mission is to educate the community on historical events and acts of genocide, such as the Holocaust, and on human rights atrocities, such as slavery; to teach and demonstrate approaches to preventing such acts and events from occurring in the future, and to foster peaceful coexistence in our community. The permanent exhibit, which is currently located on the second floor of the Huntington Library on the Ammerman Campus, includes collections of rare artifacts, documents and photographs on the Holocaust and on slavery and the underground railroad.

CHDHU is governed by a Board of Directors representing both the college and the community.



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Evelyn Brodbeck, Mathematics
Tak Tow Chen, Economics
Phillip L. Chirch, Communications
Vincent Clemente, English
John E. Coen, Jr., Business Administration
Cheryl Coffey, Reading
Paul M. Cooke, Mathematics
George Cosgrove, Mechanical Technology
R. David Cox, English
Aurelea Curtis, Math
Martin Decatur, Business Administration
John DeFina, Financial Affairs
John S. Dempsey, Criminal Justice
Daniel J. Denver, Criminal Justice
Daniel B. DePonte, Associate Dean of Students
Ruth DeStefano, Business Administration
Grace Dolan, English
Marjorie P. Doyle, Nursing
Frederick W. Drewes, Biology
Vito W. Easparro, Mechanical Technology
Eugene Farry, Physical Education
Cecile Forte, Associate Dean of Academic Affairs
Maurice Flecker, Art
Robert G. Fountaine, English
Richard W. Fox, Social Sciences
George Frost, Economics
Richard E. Gambrell, English
Frank Gammardella, Accounting

Joan Garnar, Nursing
 Marilyn Goodman, Communications-Theatre
 Sheldon Gordon, Mathematics
 Charles Grippi, English
 Laura Hackett, English
 John Harrington, VP/Administration
 Harry Hauser, Mathematics
 Mike Hawryluk, Physics
 Peter M. Herron, Mathematics
 Richard P. Hession, Physical Education
 Darrell Hilliker, Business Administration
 George J. Hiltner II, 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
 Corita Kong, History
 Jeffrey Koodin, Physical Education
 Salvatore J. La Lima, Business Administration
 Hilda Lang, Library Services
 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
 Nicholas Marino, Foreign Languages
 Ralph B. Maust, Earth and Space Science
 Raymond A. McCartney, Mathematics
 Grace McGorry, Placement
 Morton Mecklosky, Mathematics
 Marilyn Merenda, Communications
 David E. Miller, Communications-Theatre
 Adele D. Mitchell, Nursing
 Mildred Ruth Murphy, English
 David I. Nolan, Mathematics
 Harriette T. Novick, Communications/Theatre
 Theresa O'Reilly, Nursing
 John O'Shea, Library Services
 Richard L. Paul, Mathematics
 William Pease, Electrical Technology
 James A. Perry, Accounting
 B. Wayne Pevey, Theatre
 Orville J. Pfeifer, Engineering
 Laura Provenzano, Library Services
 Charles E. Reilly, Accounting
 Richard Richards, Mechanical Technology
 Douglas M. Robbins, Health Careers
 Linda S. Rocke, Physical Education
 David Ross, Physical Education
 Arthur W. Sanders, Office Administration
 Ivan Sanders, English

Maria Santalla, Foreign Languages
 Paul Satzman, Music
 Jack Schanfeld, Social Sciences
 Sy M. Shaffer, Music
 Marjorie Sherwin, Health Careers
 Eliot Silverman, Mathematics
 Ely Silverman, Speech-Theatre
 Walter Smith, Marine Science
 Eileen Specht, Nursing
 Morton Strassberg, Earth and Space Science
 Doris G. Stratmann, Social Sciences
 James E. Walker, Jr., Health Careers

Recipients of State University of New York Chancellor's Awards for Excellence

Anna Aliotta-Flack, Professional Service, 2004
 Michele Aquino, Teaching, 1998 (retired)
 Robert L. Arrigon, Teaching, 1975 (retired)
 Linda E. Barber, Teaching, 1996
 Maryanne T. Barry, Teaching, 1997 (retired)
 Charles Bartolotta, Professional Service, 2005
 Lloyd G. Becker, Teaching, 1973 (retired)
 Kathryn Benjamin, Teaching, 1995
 Robert Beodeker, Professional Service, 2001
 Alan J. Bernstein, Faculty Service, 2006
 John Bockino, Teaching, 2003
 Mary Ann Borrello, Teaching, 1975
 Diane Bosco, Teaching, 2001
 Craig Boyd, Scholarship and Creative Activities,
 2005
 Connell J. Boyle, Teaching, 1977 (retired)
 David Brenner, Teaching, 2001
 Beverly R. Broomell, Teaching, 2002
 Maureen G. Bybee, Teaching, 1995
 Gary P. Campbell, Teaching, 1998
 Mario Caprio, Teaching, 1976 (retired)
 Dorothy M. Chanin, Professional Service, 2000
 (retired)
 Elizabeth Chu, Teaching, 2005
 Maureen A. Clinton, Teaching, 2001
 Albin J. Cofone, Professional Service, 1983
 Donald R. Coscia, Teaching, 1976 (retired)
 Mary Crosley, Teaching, 1996 (retired)
 Betty Deroski, Teaching, 1996 (retired)
 Celeste DeSario, Teaching, 1996
 Peter DiGregorio, Professional Service, 2005
 Grace Dolan, Teaching, 1977 (retired)
 Lawrence J. Epstein, Teaching, 1995
 Donald R. Ferruzzi, Teaching, 1998
 Ronald A. Feinberg, Teaching, 2000
 Kevin Patrick Foley, Teaching, 2004
 Josephine A. Freedman, Teaching, 1997 (retired)
 Joyce Gabriele, Librarianship, 2005
 Carole Gambrell, Librarianship, 1997 (retired)
 M. Bernadette Garcia, Professional Service, 1995
 Joan D. Garnar, Professional Service, 1996
 (retired)

Michael T. Gerien, Teaching, 2002
 Daniel Giancola, Teaching, 2001
 Dan Gilhooley, Professional Service, 1996, and Teaching, 2006
 Cheryl Ann Gillespie, Teaching, 1997
 Donald M. Gilzinger, Jr., Teaching, 2004
 Caroline A. Gould, Teaching, 1995 (retired)
 Russell Gusack, Teaching, 1995
 Charles S. Grippi, Teaching, 1975 (retired)
 Lars Hedstrom, Jr., Teaching, 2005
 Peter Herron, Teaching, 1975 (retired)
 George J. Hilltner II, Professional Service, 1978 (retired)
 M. Sue Hood, Professional Service, 1997
 Mary Anne Huntington, Professional Service, 1996 (retired)
 Allen Jacobs, Professional Service, 2003
 Eileen Kamil, Teaching, 1995
 Paul Kaplan, Teaching, 1996 (retired)
 Regina Keller, Teaching, 2004
 Donald S. Kisiel, Teaching, 2000
 Lowell Kleiman, Professional Service, 2001
 Steven C. Klipstein, Teaching, 2001
 Ruth M. Kolk, Teaching, 2003
 Judith Koodin, Professional Service, 2002 (retired)
 John William Kulkosky, Teaching, 2004
 France F. LaFauci, Teaching, 2000
 Dorothy J. Laffin, Faculty Service, 2005
 Marilyn J. Levine, Teaching, 1998 (retired)
 Carmie Ann Perrotta Lewis, Teaching, 1996 (retired)
 Samuel Ligon, Teaching, 2003
 Carol Longo, Librarianship, 1997 (retired)
 S. Arthur Lundahl, Professional Service, 2005
 Elisa A. Mancuso, Teaching, 2001
 Scott Mandia, Teaching, 1997
 Marianne McAuley, Teaching, 2002
 Marilyn McCall, Teaching, 2004
 Charles L. McCarthy, Jr., Teaching, 2000
 Kevin McCoy, Librarianship, 2000
 Carol A. McGorry, Teaching, 2004
 Grace McGorry, Professional Service, 1979 (retired)
 Christine Misener, Teaching, 1997 (retired)
 Richard Mizdal, Teaching, 2005
 Anthony R. Napoli, Professional Service, 1998
 Harriette T. Novick, Teaching, 1973 (retired)
 Linda O'Connell, Teaching, 2000 (retired)
 Sofia C. Papadimitriou, Professional Service, 1997
 Dorothy Patrick, Professional Service, 1998 (retired)
 Kathryn R. Payette, Professional Service, 2004
 Nancy A. Penncavage, Teaching, 2004
 Kevin Peterman, Faculty Service, 2005
 Naomi D. Phelps, Professional Service, 2003

Elaine P. Preston, Teaching, 1979
 Raymond J. Reardon, Sr., Professional Service, 2006
 Dennis Reissig, Professional Service, 2004
 Raymond Rienecker, Professional Service, 1978 (retired)
 Barbara D. Ripel, Teaching, 1998
 Kathie Ann Rogers, Teaching, 2006
 Linda Ann Sabatino, Teaching, 1997
 Paul Satzman, Teaching, 1995 (retired)
 Jean Ann Scharpf, Teaching, 1998
 Jay Schwartz, Librarianship, 1996
 Timothy R. Sebesta, Professional Service, 2003
 Gayle Sheridan, Professional Service, 1998
 Jeffrey R. Silverstein, Teaching, 1996
 Linda Sprague, Professional Service, 2006
 Gerald Speal, Teaching, 1983 (retired)
 Douglas Steele, Professional Service, 1981 (retired)
 Robert J. Stone, Teaching, 1997
 Ronald Surprenant, Teaching, 1976 (retired)
 Betty M. Tobias, Teaching, 1997
 Robert M. Weinstein, Teaching, 1978
 Helen A. Wist, Teaching, 2002
 Jane-Marie Wright, Teaching, 2006
 Jian Zhang, Professional Service, 2002

Adjunct Faculty and Instructional Staff

(Spring 2004 – Fall 2006)

A

Joseph Abelson, Adjunct Instructor, Mathematics
 Douglas Abrams, Adjunct Instructor, Philosophy/Humanities
 Kristine Abrams, Adjunct Instructor, Physical Education
 Les Abrams, Adjunct Associate Professor, Sociology
 Jamie Abruzzese, Adjunct Professional Assistant 1, Student Affairs
 Michael Acampora, Adjunct Assistant Professor, Accounting
 Robin Acerra, Adjunct Associate Professor, Biology
 Ronald Acierno, Adjunct Professor, Student Affairs
 John Agria, Adjunct Associate Professor, Political Science
 Susan Aiello, Adjunct Instructor, Reading
 Susan Aiello, Adjunct Instructor, English as a Second Language
 Joann Ainbinder, Adjunct Instructor, College Seminar
 Anna Aiuto, Adjunct Professional Assistant 1, Computer Lab
 Linda Aiuto, Adjunct Assistant Professor, English as a Second Language/Reading
 Olaolu Akande, Adjunct Instructor, Communications
 Serhat Akay, Adjunct Professional Assistant 1, Administrative
 Naheda Al Hihi, Adjunct Instructor, Business
 Jennifer Albanese, Adjunct Instructor, English
 Laura Alberts, Adjunct Professional Assistant 1, Theatre
 Elisabetta Aliperti, Adjunct Instructor, Foreign Language

Ellen Allen, Adjunct Assistant Professor, English
 Carl Allocca, Adjunct Assistant Professor, Accounting
 John Allsopp, Adjunct Professor, Mathematics
 Joseph Alongi, Adjunct Assistant Professor, Mathematics
 Norman Alperin, Adjunct Instructor, Human Services
 Gloria Altenhofen, Adjunct Instructor, Spanish
 Joy Alter, Adjunct Assistant Professor, Library
 Joan Altieri, Adjunct Professional Assistant 2, Foreign Language/English
 Ira Altman, Adjunct Professor, Philosophy
 Richard Alvanos, Adjunct Professional Assistant 1, Computer Lab
 Christine Amato, Adjunct Professional Assistant 2, Visual Arts
 James Ambrosino, Adjunct Instructor, Political Science/College Seminar
 Masina Amodemo, Adjunct Instructor, English
 Carol Anacreonte, Adjunct Instructor, English as a Second Language
 Fifi Anastasiadis, Adjunct Instructor, Business
 Charles Anderson, Adjunct Professor, English
 Deborah Anderson, Adjunct Instructor, Psychology
 Edmond Anderson, Adjunct Professional Assistant 1, Student Affairs
 Teresa Anderson, Adjunct Instructor, Nursing
 Grace Andresini, Adjunct Instructor, Education
 Lisa Angius, Adjunct Instructor, English
 Margaret Annunziato, Adjunct Instructor, Nursing
 Michele Antico, Adjunct Instructor, Chemistry
 Peter Antonelli, Adjunct Associate Professor, Philosophy/Humanities
 Nicholas Antonucci, Adjunct Instructor, History
 Robert Anzalone, Adjunct Associate Professor, Political Science/History
 Daniel Arcieri, Adjunct Instructor, Biology
 Carlo Arinoldo, Adjunct Associate Professor, Psychology
 Ronald Armanini, Adjunct Assistant Professor, Music
 Anthony Arno, Adjunct Instructor, Drafting
 John Arrigo Nelson, Adjunct Instructor, Music
 Robert Arrigon, Adjunct Professor, Philosophy
 Theresa Arrigon, Adjunct Assistant Professor, English
 Levon Arvanian, Adjunct Instructor, Mathematics
 Philip Asaph, Adjunct Instructor, English
 Evangelos Athanasatos, Adjunct Instructor, Computer Science
 Atkins Kira, Adjunct Professional Assistant 1, Accounting Lab/Mathematics
 Jeffrey Atlas, Adjunct Assistant Professor, Physical Education/Health Careers
 Christoph Atwood, Adjunct Assistant Professor, Electrical Engineering
 Susan Aue, Adjunct Professional Assistant 1, Dietetic Technician
 Ilene Augenlicht, Adjunct Assistant Professor, Psychology/Sociology
 Susan Averso, Adjunct Instructor, Nursing
 B
 Alfred Bachner, Adjunct Associate Professor, Construction Technology
 Theodore Bader, Adjunct Assistant Professor, Reading
 Walter Baecker, Adjunct Instructor, Chemical Dependency
 Frances Baer, Adjunct Instructor, History
 Joanne Bagshaw, Adjunct Instructor, Psychology
 Ella Bailley, Adjunct Assistant Professor, Spanish
 Denise Baldini, Adjunct Professional Assistant 1, Foreign Language
 James Baldwin, Adjunct Professor, Mathematics
 Michael Bannon, Adjunct Instructor, Chemistry
 Sara Bannon, Adjunct Assistant Professor, Computer Science/Mathematics
 Marilyn Baracks, Adjunct Assistant Professor, Reading, College Seminar
 Michael Baran, Adjunct Assistant Professor, Computer Science/Student Affairs
 Judy Baransky, Adjunct Professional Assistant 1, Administrative
 Robin Barber, Adjunct Professional Assistant 1, Audio Visual
 Pamela Barclay, Adjunct Instructor, Nursing
 Jocelyn Bard, Adjunct Instructor, Student Affairs
 Angela Bari, Adjunct Instructor, Computer Science
 Nancy Barker, Adjunct Instructor, Sociology
 Donna Barnes, Adjunct Instructor, English
 Marie Barnouw, Adjunct Professional Assistant 2, Biology
 John Barrett, Adjunct Assistant Professor, Philosophy/Humanities/College Seminar
 Heather Barry, Adjunct Instructor, History
 Charles Barta, Adjunct Professor, Business
 David Baruch, Adjunct Professor, Library
 Giuseppe Battista, Adjunct Professor, Italian/Spanish
 Richard Bauman, Adjunct Instructor, Ophthalmic Dispensing
 Kim Beck, Adjunct Instructor, Spanish
 Robert Becker, Adjunct Instructor, English
 Christine Behrendt, Adjunct Professional Assistant 1, Mathematics
 Arend Behrens, Adjunct Assistant Professor, Earth and Space/Oceanography
 Elizabeth Behrens, Adjunct Assistant Professor, Library
 Michael Belajonas, Adjunct Associate Professor, Music
 Janice Bellezza, Adjunct Instructor, Occupational Therapy
 Peter Belli, Adjunct Assistant Professor, Psychology
 Christina Bellini, Adjunct Professional Assistant 1, Biology
 Alexandra Beltran, Adjunct Professional Assistant 1, Computer Science
 Joseph Beltrani, Adjunct Instructor, Fire Science
 Roger Belz, Adjunct Professor, Business/College Seminar
 Andrea Ben-Aviv, Adjunct Assistant Professor, Mathematics
 Maryann Bencivenga, Adjunct Associate Professor, English/Humanities
 Elaine Bender, Adjunct Assistant Professor, Nursing
 James Beneduce, Adjunct Instructor, Theatre
 Regina Benincasa, Adjunct Professional Assistant 2, Biology
 Joan Benken, Adjunct Instructor, Nursing
 Patricia Benolich, Adjunct Instructor, English
 Roger Bense, Adjunct Professional Assistant 1, Biology
 Maida Berenblatt, Adjunct Associate Professor, Psychology/Health Careers
 Stephen Berg, Adjunct Associate Professor, Psychology/College Seminar

- Patricia Bergel, Adjunct Instructor, Librarian
 Fredrica Berger, Adjunct Instructor, Mathematics
 Howard Berger, Adjunct Professional Assistant 1,
 Radio and Television
 Carol Bergeron, Adjunct Instructor, Nursing
 Lisa Bergman, Adjunct Instructor, Student Affairs
 Christina Bergmann, Adjunct Instructor, Health
 Careers
 Peter Bergmann, Adjunct Instructor, Health Careers
 Marlene Berman, Adjunct Instructor, Reading
 Erasto Bernard, Adjunct Instructor, Computer
 Science
 Maryann Bernero, Adjunct Instructor, Biology/
 Oceanography/Horticulture
 William Bernhard, Adjunct Instructor, Mathematics
 Jessica Bernius, Adjunct Assistant Professor, Physical
 Education/Health Careers
 Tinamarie Bernocco, Adjunct Assistant Professor,
 Education
 Patrici Bernstein, Adjunct Instructor, Nursing
 Stuart Bernstein, Adjunct Instructor, History
 John Best, Adjunct Professional Assistant 1, English
 Peter Beyer, Adjunct Associate Professor, College
 Seminar/English
 Vatsala Bhaskaran, Adjunct Instructor, English as a
 Second Language
 Renee Bhatti, Adjunct Instructor, English
 Raymond Bigliani, Adjunct Professor, Physics/Earth
 and Space
 Salih Bilgili, Adjunct Professional Assistant 1, Foreign
 Language
 Jonathan Bingham, Adjunct Instructor, Biology
 Kim Birnbaum, Adjunct Assistant Professor,
 Education
 Dawn Birtch, Adjunct Professional Assistant 1,
 Biology
 Richard Biscardi, Adjunct Associate Professor,
 Electrical Engineering
 John Black, Adjunct Instructor, Communications
 Patricia Blake, Adjunct Associate Professor, Business
 Law
 Frank Blanchard, Adjunct Instructor, Visual Arts
 Cheryl Blando-Coscia, Adjunct Associate Professor,
 Biology/Chemistry
 Irene Blaymore, Adjunct Assistant Professor, Physical
 Education/Health Careers
 John Blom, Adjunct Assistant Professor,
 Mathematics
 Jessica Blydenburgh, Adjunct Instructor, Biology
 Rayma Boccio, Adjunct Instructor, Reading
 Louis Boccio Jr., Adjunct Assistant Professor,
 Ophthalmic Dispensing/Communications
 Lori Bocker, Adjunct Instructor, Health Careers
 Ralph Bockino, Adjunct Associate Professor,
 Economics/Business
 Michael Boecherer, Adjunct Instructor, English
 Joyce Boffert, Adjunct Instructor, Health Careers
 Annette Bogin, Adjunct Assistant Professor, College
 Seminar/Reading
 Kevin Bolier, Adjunct Instructor, College Seminar
 Ruth Bomgardner, Adjunct Assistant Professor,
 Nursing
 Justine Bonanno, Adjunct Professional Assistant 1,
 Mathematics
 Cathy Bondi, Adjunct Professional Assistant 1, Foreign
 Language
 Stephanie Boondas-Flagg, Adjunct Instructor, Student
 Affairs
 Sarah Boone, Adjunct Instructor, Philosophy
 Laura Borghardt, Adjunct Professional Assistant 1,
 Biology
 Joy Borrero, Adjunct Assistant Professor, Nursing
 Ralph Borzello, Adjunct Instructor, Student Affairs
 Nicholas Bosco, Adjunct Instructor, Business
 Daniel Boudon, Adjunct Instructor, Sociology
 Torhild Boughal, Adjunct Assistant Professor,
 Mathematics
 Sabra Boughton, Adjunct Professor, Nursing
 Emanuel Boussios, Adjunct Instructor, Sociology
 Eileen Boylston, Adjunct Professional Assistant 2,
 Biology
 John Boynton, Adjunct Associate Professor, Biology/
 Marine Biology/Oceanography
 Kevin Bozza, Adjunct Instructor, Health Information
 Patricia Bozza, Adjunct Assistant Professor, Physical
 Education
 Eugene Bozzo, Adjunct Instructor, Business
 Craig Brand, Adjunct Professional Assistant 1,
 Biology
 Vincent Branker, Adjunct Professional Assistant 1,
 College Seminar/Biology
 Gail Braverman, Adjunct Associate Professor,
 English
 Susana Bravo, Adjunct Professional Assistant 1,
 College Seminar/Foreign Language
 April Brazill, Adjunct Instructor, Biology/Computer
 Lab/Library
 Liz Brecht, Adjunct Instructor, Foreign Language
 John Bredemeyer III, Adjunct Professional Assistant
 2, Chemistry
 Annemarie Brennan, Adjunct Professional Assistant
 1, Reading
 Christoph Brennan, Adjunct Instructor, Fire Science
 Mark Brenner, Adjunct Instructor, Health Careers
 Alexander Bresalier, Adjunct Professional Assistant
 1, Administrative
 Lois Bressler, Adjunct Professional Assistant 2,
 Reading
 Douglas Brett, Adjunct Instructor, Music
 Laurel Brett, Adjunct Assistant Professor, English/
 Humanities/Women's Studies
 Paulette Brinka, Adjunct Instructor, Communi-
 cations
 Orman Broadway, Adjunct Assistant Professor,
 English as a Second Language
 Evelyn Brodbeck, Adjunct Professor, Mathematics
 Linda Brody, Adjunct Professor, Mathematics
 Michael Brody, Adjunct Instructor, Accounting
 Diana Brown, Adjunct Associate Professor, Nursing
 Jeffrey Brown, Adjunct Professional Assistant 1,
 Mathematics
 Joyce Brown, Adjunct Instructor, Physical Education
 Terri A. Brown, Adjunct Professional Assistant 1,
 Dietetic Technician
 William Brown, Adjunct Assistant Professor,
 Business
 Constance Brown-Riggs, Adjunct Assistant Professor,
 Dietetic Technician
 Susan Brozinsky, Adjunct Instructor, Business
 Bernard Bruen, Adjunct Assistant Professor,
 Mathematics
 Lewis Brunnemer, Adjunct Assistant Professor,
 English/Humanities
 James Buchwalter, Adjunct Instructor, Philosophy
 Daniel Bullock, Adjunct Professional Assistant 2,
 Biology/Chemistry

Kimberly Bunchuck, Adjunct Professional Assistant 2, Computer Lab
 Maria Bune-Brosi, Adjunct Instructor, Nursing
 Louis Buonaguro, Adjunct Assistant Professor, Business
 Walter Burak, Adjunct Professional Assistant 1, Biology
 Kathleen Burger, Adjunct Assistant Professor, Nursing
 Lois Burgner, Adjunct Assistant Professor, Sociology/Anthropology/College Seminar
 Mary Jane Burner, Adjunct Instructor, English
 Robert Busby, Jr., Adjunct Instructor, History
 Alice Butkos, Adjunct Instructor, Nursing
 Craig Butler, Adjunct Instructor, Italian
 Elizabeth Buzash-Pollert, Adjunct Instructor, Biology
 Sari Byrd, Adjunct Professor, Anthropology/Psychology/Sociology
 Robert Byrnes, Adjunct Professor, Economics/Business

C
 Debra Cabot, Adjunct Instructor, Nursing
 Yolanda Cabra-Jaramillo, Adjunct Professional Assistant 2, Administrative
 Wilmer Cabrera, Adjunct Professional Assistant 1, Physical Education
 Scott Cacciabaudo, Adjunct Associate Professor, Business Law
 John Cadden, Adjunct Instructor, English
 Deborah Cafiso, Adjunct Professional Assistant 1, Computer Lab
 Dennis Caine, Adjunct Assistant Professor, Criminal Justice
 Mukrat Cakir, Adjunct Professional Assistant 1, Computer Lab
 Monique Calabro, Adjunct Professional Assistant 2, Biology/College Seminar
 Terrence Caldwell, Adjunct Associate Professor, Computer Science/Student Affairs
 Maryellen Calitri, Adjunct Assistant Professor, Biology
 Gerald Callahan, Adjunct Assistant Professor, Political Science/History
 Thomas Calogero, Adjunct Assistant Professor, English
 Ryan Calvey, Adjunct Professional Assistant 1, English
 Ritchie Calvin, Adjunct Associate Professor, English/Humanities
 Donald Cameron, Adjunct Instructor, Chemistry
 Roger Cameron, Adjunct Instructor, Biology
 Barbara Camilleri, Adjunct Instructor, College Seminar
 Angela Cammarata, Adjunct Assistant Professor, Human Services/College Seminar
 Ingrid Campbell, Adjunct Instructor, Chemical Dependency
 Fernando Campo, Adjunct Associate Professor, History, Interdisciplinary Studies
 Michael Canipe, Adjunct Instructor, Music
 Eugene Cann, Adjunct Assistant Professor, Accounting
 Anthony Cantiello, Adjunct Instructor, Sociology
 John Capela, Adjunct Assistant Professor, Business
 Dennis Capitanio, Adjunct Instructor, Chemistry
 William Capitano, Adjunct Instructor, Biology
 Craig Capria, Adjunct Instructor, Engineering

Laura Caputo, Adjunct Professional Assistant 1, Biology
 Joseph Caracci, Adjunct Assistant Professor, Criminal Justice
 Mary Ann Carcich, Adjunct Instructor, Library
 Prudencio Cardines Jr., Adjunct Professional Assistant 2, Biology
 Andrea Carew, Adjunct Associate Professor, Student Affairs
 Thomas Carey, Adjunct Instructor, English
 Matthew Carolan, Adjunct Assistant Professor, Humanities/Philosophy
 Amber Carr, Adjunct Professional Assistant 1, Chemistry
 Donna Carra, Adjunct Assistant Professor, Nursing
 Thomas Carrano, Adjunct Assistant Professor, Biology
 Christine Carrasco, Adjunct Instructor, American Sign Language
 Patricia Carson, Adjunct Assistant Professor, Sociology
 Susan Carter, Adjunct Professor, Visual Arts
 William Casali, Adjunct Professional Assistant 1, English/Administrative
 Elizabeth Casey, Adjunct Assistant Professor, Biology
 Arlene Cassidy, Adjunct Professor, Economics/Mathematics
 James Cassidy, Adjunct Assistant Professor, Library
 Meryl Cassidy, Adjunct Instructor, Human Services
 James Castiglione, Adjunct Assistant Professor, Library
 John Castillo, Adjunct Professional Assistant 1, Academic Skills Center
 Charles Catalano, Adjunct Assistant Professor, Library
 Robert Cellura, Adjunct Professional Assistant 1, Biology
 Lucia Cepriano, Adjunct Instructor, Biology
 Joseph Cerbone, Adjunct Instructor, Horticulture
 Christoph Ceresko, Adjunct Instructor, Drafting
 Gloria Cerrito, Adjunct Instructor, College Seminar
 Lisa Cervera, Adjunct Instructor, English as a Second Language
 Annemarie Cervo, Adjunct Assistant Professor, Nursing
 Patricia Cesario, Adjunct Instructor, Spanish
 Joanne Cesiro, Adjunct Assistant Professor, Physical Education
 Susan Chambers, Adjunct Professional Assistant 1, Physics/Earth and Space
 Dorothy Chanin, Adjunct Professional Assistant 2, Biology
 Suzanne Charnick, Adjunct Instructor, Chemistry
 Donald Chattaway, Adjunct Professor, Mathematics
 Michele Chaussabel, Adjunct Professional Assistant 1, Administrative
 Chang-Nan Chen, Adjunct Assistant Professor, Library
 Samantha Cherry, Adjunct Specialist, Nursing/Health Careers
 George Chimenti, Adjunct Assistant Professor, Criminal Justice/Sociology
 Frances Chirch, Adjunct Assistant Professor, Spanish
 Phillip Chirch, Adjunct Professor, Communications
 Frank Chisena, Adjunct Professional Assistant 1, Physics/Computer Science
 Gail Cholden, Adjunct Assistant Professor, Reading

- Yu Son Chong, Adjunct Professional Assistant 1, Biology
- Steven Chovnick, Adjunct Assistant Professor, Sociology
- Amber Christopher-Busc, Adjunct Instructor, English
- Milton Chung, Adjunct Assistant Professor, College Seminar/Spanish
- Aimee Cianciulli, Adjunct Professional Assistant 1, Reading
- Amy Cianciulli, Adjunct Professional Assistant 1, Reading
- Gregory Cianflone, Adjunct Assistant Professor, Mathematics
- Dominic Ciardullo, Adjunct Assistant Professor, Electrical Engineering/Engineering Linda Cimino, Adjunct Instructor, Nursing
- John Cino, Adjunct Instructor, Mathematics/Visual Arts
- Dori Cinque, Adjunct Instructor, Dietetic Technician/Fitness Specialist/Health Careers
- Robert Civitella, Adjunct Instructor, Student Affairs
- Brett Clarin, Adjunct Professional Assistant 1, Mathematics
- Phillip Clark, Adjunct Instructor, Student Affairs
- W. Scott Clark, Adjunct Assistant Professor, Horticulture
- Thomas Clavin, Adjunct Assistant Professor, Journalism
- Tracy Cleary, Adjunct Instructor, Student Affairs
- Kathleen Clifford, Adjunct Instructor, Nursing
- Christine Clifton, Adjunct Instructor, Library
- Russell Clinton, Adjunct Instructor, College Seminar
- Douglas Cody, Adjunct Instructor, Chemistry
- Cheryl Coffey, Adjunct Professor, College Seminar/Humanities/Reading
- Robert Coffey, Adjunct Assistant Professor, Computer Science
- Stephen Cogan, Adjunct Instructor, Automotive Technology
- Robert Cognato, Adjunct Instructor, Library
- Mary Jo Cohan, Adjunct Instructor, Library
- Harold Cohen, Adjunct Associate Professor, Communications/Theatre
- Jeffrey Cohen, Adjunct Assistant Professor, Communications
- Lynn Cohen, Adjunct Associate Professor, English
- Richard Cohen, Adjunct Associate Professor, Physical Education
- Stuart Cohen, Adjunct Assistant Professor, Health Careers
- Susan Colak, Adjunct Instructor, Visual Arts
- Donald Collins, Adjunct Instructor, History
- Patricia Colombraro, Adjunct Instructor, Visual Arts
- Aura Colon, Adjunct Instructor, Foreign Language
- Michael Columbia, Adjunct Associate Professor, English
- Michael Combs, Adjunct Instructor, Mathematics
- Joseph Comusso, Adjunct Professional Assistant 1, Radio and Television
- Jennifer Concepcion, Adjunct Instructor, Nursing
- Edward Condon, Adjunct Instructor, Spanish
- William Condon, Adjunct Assistant Professor, Office Technologies
- Michael Confusione, Adjunct Instructor, Psychology
- Stephen Conklin, Adjunct Professional Assistant 2, Computer Lab
- William Conklin, Adjunct Professional Assistant 1, English
- Frances Conlon, Adjunct Assistant Professor, Mathematics
- Nancy Conlon, Adjunct Assistant Professor, English
- James Connors, Adjunct Instructor, Mathematics
- Alanna Connolly, Adjunct Professional Assistant 2, Mathematics
- Emily Connolly, Adjunct Assistant Professor, Mathematics
- Liane Connors, Adjunct Instructor, Education
- Peter Connors, Adjunct Associate Professor, Earth and Space
- Vincent Consorti, Adjunct Instructor, Business
- Joan Cook, Adjunct Professional Assistant 1, Theatre
- Samuel Cook, Adjunct Professional Assistant 1, Mathematics
- John Cooney, Adjunct Associate Professor, English/College Seminar
- Philip Cooper, Adjunct Professor, Biology/College Seminar
- Lisa Cordani-Stevenso, Adjunct Instructor, Anthropology
- Mary Cordeiro, Adjunct Instructor, English
- Margaret, Corradi, Adjunct Professional Assistant 2, Administrative
- Anthony Correale, Adjunct Instructor, Communications
- Jacquelin Corrigan, Adjunct Instructor, English
- Donald Coscia, Adjunct Professor, Mathematics
- Frank Coscia, Adjunct Professor, Mathematics
- Isabel Cosentino, Adjunct Instructor, Italian
- Kristen Cosentino, Adjunct Assistant Professor, Counseling
- Giuseppe Costa, Adjunct Instructor, Italian
- Rose Costanzo, Adjunct Assistant Professor, American Sign Language
- Brian Costello, Adjunct Professional Assistant 1, Theatre
- William Costello, Adjunct Instructor, Criminal Justice
- Angela Cotton, Adjunct Instructor, Interdisciplinary Studies/Philosophy
- Fred Coverdale, Adjunct Associate Professor, Sociology/History
- Dawn Covino, Adjunct Instructor, Psychology
- Helene Coyle, Adjunct Professor, College Seminar/Nursing
- Patricia Coyle, Adjunct Instructor, Sociology
- Mary Creagh, Adjunct Assistant Professor, College Seminar/Reading/Humanities
- Robert Creighton, Adjunct Instructor, Criminal Justice
- Michael Cressy, Adjunct Professional Assistant 1, Academic Skills Center
- Vincent Crispino, Adjunct Assistant Professor, Criminal Justice
- Joseph Critelli, Adjunct Professional Assistant 1, English
- Frank Croce, Adjunct Assistant Professor, Business
- Robert Crocker Jr., Adjunct Instructor, Biology
- Donna Cubicciotti, Adjunct Professional Assistant 1, Occupational Therapy
- Anthony Cuccaro, Adjunct Assistant Professor, Veterinary Science
- Louis Cuccurese, Adjunct Instructor, College Seminar/Health Careers

George Cullen, Adjunct Professional Assistant 1, Horticulture
 Stephen Cummings, Adjunct Professional Assistant 1, Computer Lab
 Salvatore Curiale, Adjunct Instructor, Business
 Thomas Curley, Adjunct Assistant Professor, Computer Science
 Amy Cusumano, Adjunct Instructor, Spanish
 John Cuthbertson, Adjunct Assistant Professor, Health Careers

D
 Patricia D'Amico, Adjunct Instructor, Business
 Fern Daane, Adjunct Instructor, Ophthalmic Dispensing/Interdisciplinary Studies
 Joseph Dagostino, Adjunct Instructor, Mathematics
 Bianca Daidone, Adjunct Instructor, English as a Second Language
 Charles Dalessandro, Adjunct Associate Professor, Accounting
 Eileen Daley, Adjunct Instructor, Nursing
 Frank Dallas, Adjunct Associate Professor, Music
 Robert Dambrosio, Adjunct Assistant Professor, Mathematics
 Jennifer Danby, Adjunct Instructor, Theatre
 Manning Dandridge, Adjunct Assistant Professor, English
 Diane D'Angelo, Adjunct Instructor, Spanish
 Karen D'Angelo, Adjunct Instructor, Anthropology
 Margaret Dankievitch, Adjunct Assistant Professor, Mathematics
 Gerard Danzi, Adjunct Professor, Business/College Seminar/Student Affairs
 Russell David, Adjunct Associate Professor, Mathematics
 Lee Davis, Adjunct Assistant Professor, English/Humanities
 Robert Davis, Adjunct Instructor, Physical Education
 Albert Dawson, Adjunct Instructor, Construction Technology
 Shima Debnath, Adjunct Professional Assistant 1, Computer Science
 Leo Debobes, Adjunct Assistant Professor, Fire Science
 Kimberly Decanio, Adjunct Professional Assistant 1, Occupational Therapy
 Anthony Decostanzo, Adjunct Instructor, Earth and Space
 Nina Deegan, Adjunct Instructor, Student Affairs/College Seminar
 Tracy Defio, Adjunct Professional Assistant 1, Biology/Chemistry
 Michael Degennaro, Adjunct Assistant Professor, Computer Science
 Jim Dekoning, Adjunct Instructor, Construction Technology
 Veronica Dekoning, Adjunct Assistant Professor, Health Careers
 Robert Delagi, Adjunct Assistant Professor, Health Careers
 Jeanmarie Delanty, Adjunct Professional Assistant 2, Computer Lab
 Michelle Delevante, Adjunct Professional Assistant 2, Student Affairs
 Edward Delia, Adjunct Professor, Sociology
 Alfred Dellapenna, Adjunct Associate Professor, Criminal Justice
 Bertram Delmage, Adjunct Assistant Professor, Criminal Justice/College Seminar

Edward Delorme, Adjunct Assistant Professor, College Seminar/English
 Frank DeMaria, Adjunct Instructor, Biology
 Tracey DeMartis, Adjunct Instructor, Foreign Language
 Keith Denton, Adjunct Instructor, Psychology
 Carolann Denys, Adjunct Assistant Professor, Reading/English/College Seminar
 Harry Denys, Adjunct Instructor, Reading/College Seminar
 Leslie Derenfeld, Adjunct Professor, Education/College Seminar
 Denis Desesa, Adjunct Instructor, GED Module 1
 Alphonse Desiderio, Adjunct Professor, Business
 Linda Destefano, Adjunct Professional Assistant 1, Biology
 Regina Deturo, Adjunct Instructor, Psychology
 Maureen Deutsch, Adjunct Professional Assistant 1, Nursing
 Michael Devine, Adjunct Instructor, Criminal Justice
 Maryjane Devito, Adjunct Instructor, English
 Barbara deZorzi, Adjunct Instructor, History
 Orsete Dias, Adjunct Assistant Professor, Economics
 Olivia Diaz, Adjunct Professional Assistant 1, English
 Gloria Diemer, Adjunct Assistant Professor, Office Technologies,/College Seminar
 Robert Dietz, Adjunct Instructor, English
 Thomas Digilio, Adjunct Instructor, Psychology
 Frank DiGregorio, Adjunct Instructor, History
 Celia Dillenberg, Adjunct Assistant Professor, English as a Second Language
 Daniel DiMaria, Adjunct Professor, Mathematics
 Rocco DiNapoli, Adjunct Professor, Mathematics
 Christoph Dippel, Adjunct Instructor, Theatre
 Lori Ditaranto, Adjunct Instructor, Humanities/English
 Kathleen Dobies, Adjunct Instructor, Nursing
 Edward Dobres, Adjunct Instructor, Spanish
 Linda Dolecek, Adjunct Instructor, Business/Office Technology
 Donald Doller, Adjunct Instructor, Criminal Justice
 Jerry Domatob, Adjunct Instructor, Communications
 David Dombroff, Adjunct Instructor, Culinary
 Camille Dominici, Adjunct Professional Assistant 1, Dietetic Technician
 Benay Don, Adjunct Professor, Mathematics
 Valerie Donaruma, Adjunct Instructor, College Seminar
 Jeffrey Donlon, Adjunct Instructor, Drafting/Construction Technology
 Lillian Donnelly, Adjunct Professional Assistant 1, Nursing
 Daniela Donohue, Adjunct Instructor, Anthropology
 Shiobhan Donohue, Adjunct Instructor, Visual Arts
 Jennifer Doolan, Adjunct Instructor, Nursing
 Richard Dormer, Adjunct Instructor, Criminal Justice
 Gabrielle Dorr, Adjunct Professional Assistant 1, Biology
 Joan Dorr, Specialist, College Seminar
 Cheryl Ma Dorskind, Adjunct Instructor, Visual Arts
 George Dorsty, Adjunct Assistant Professor, English/Humanities
 Argyrios Doumas, Adjunct Professor, Mathematics/Physics
 Argyro Dover, Adjunct Assistant Professor, Humanities
 Robert Doyle, Adjunct Professor, Business Law

- Peter Drago, Adjunct Professor, Physics
 Kenneth Drange, Adjunct Professor, Business/College Seminar
 Thomas Drescher, Adjunct Professional Assistant 1, Mathematics
 Lorraine Dreyer, Adjunct Assistant Professor, Reading/College Seminar
 Bernard Dubinsky, Adjunct Assistant Professor, Business
 Marlene Dubois, Adjunct Instructor, English
 Christoph Duffner, Adjunct Instructor, Biology
 Robert Dumas, Adjunct Instructor, Mathematics
 William Duncan, Adjunct Instructor, College Seminar
 Andrea Dunkirk, Adjunct Assistant Professor, Information Processing/Computer Science
 Peter Dunn, Adjunct Instructor, Criminal Justice
 Ann Durban, Adjunct Instructor, Health Careers/Nursing
 Paul Dyson, Adjunct Professional Assistant 1, English
- E**
 James Eaton, Adjunct Instructor, English
 John Ebeling, Adjunct Instructor, Computer Science
 Peter Eckstein, Adjunct Professor, Physics
 Theresa Economou, Adjunct Instructor, Nursing
 Patricia, Eddington, Adjunct Associate Professor, Humanities
 Herbert Edelstein, Adjunct Instructor, Mathematics
 Keynovar Edgecombe, Adjunct Professional Assistant 1, Computer Science
 Christine Edwards, Adjunct Instructor, Health Information
 Robert Edwards, Adjunct Instructor, Criminal Justice
 Paula Eglevsky, Adjunct Instructor, English
 Lisa Eisenberg, Adjunct Instructor, Human Services
 Robert Elgart, Adjunct Professor, Biology
 Maryanne Ellinger, Adjunct Professional Assistant 1, Administrative/Academic Skills
 Ray Ellis, Adjunct Assistant Professor, Visual Arts
 Woodrow Elmore, Adjunct Instructor, Mathematics
 Elsa Emenheiser, Adjunct Instructor, English
 Janet Emproto, Adjunct Assistant Professor, Mathematics
 David Engeldrum, Adjunct Instructor, English
 Isabella Eredita, Adjunct Professional Assistant 1, Music
 James Erickson, Adjunct Instructor, Music
 Susan Erickson, Adjunct Instructor, Communications
 Doris Esposito, Adjunct Assistant Professor, Mathematics
 Frances Esposito, Adjunct Instructor, Reading
 Marjorie Ewald, Adjunct Professional Assistant 1, College Seminar/Mathematics
- F**
 Frank Faber, Adjunct Assistant Professor, Accounting
 Judith Faber, Adjunct Professional Assistant 1, Administrative
 Jonathan Fabricant, Adjunct Instructor, Visual Arts
 Stuart Fader, Adjunct Associate Professor, Psychology
 Ed Fahey, Adjunct Professional Assistant 1, Business
 Renee Faibish, Adjunct Instructor, Mathematics
 Eleanor Falco, Adjunct Assistant Professor, Business/Office Technology
 Lavina Faleiro, Adjunct Instructor, Biology
 Frank Fallace, Adjunct Assistant Professor, Spanish/Italian
 Jeremiah Fallon, Adjunct Associate Professor, Spanish/French
 Henry Farabow, Adjunct Instructor, Computer Science
 Thomas Farre, Adjunct Instructor, English
 Imelda Farrell, Adjunct Instructor, English/Reading
 Thomas Fasano, Adjunct Instructor, History
 Cynthia Fata-Micciche, Adjunct Instructor, Psychology
 Robert Feeney, Adjunct Instructor, Political Science
 Denise Fehr, Adjunct Professional Assistant 1, Computer Science
 Judy Feigelson, Adjunct Professional Assistant 1, Reading
 H. Alan Feit, Adjunct Professor, Visual Arts
 Gail Feldman, Adjunct Instructor, Communications
 Ronald Feldman, Adjunct Assistant Professor, English
 Terry Feldman, Adjunct Instructor, Dietetic Technician
 John Felix, Adjunct Associate Professor, English/Humanities
 Christine Fena, Adjunct Instructor, Music
 Albert Fenoy, Adjunct Instructor, Human Services/Distance Education
 Cornelius Fenton, Adjunct Assistant Professor, History/Psychology/Criminal Justice
 Amy Fenwick, Adjunct Professional Assistant 1, Biology
 Brandon Feres, Adjunct Instructor, English
 Antonette Fernandez, Adjunct Professional Assistant 1, English
 Dawnmarie Ferrara, Adjunct Professional Assistant 1, Student Affairs
 John Ferro, Adjunct Instructor, Fire Science
 Ellen Fetterman, Adjunct Assistant Professor, College Seminar/English
 Michael Ficco, Adjunct Instructor, Music
 Lorraine Findlay, Adjunct Associate Professor, Biology/Marine Biology/Oceanography
 Robert Fink, Adjunct Assistant Professor, Physical Education
 Kelly Finn, Adjunct Professional Assistant 1, Writing Center
 Tracey Finnerty, Adjunct Instructor, English
 Christine Fiore, Adjunct Instructor, Acquired Brain Injury
 Steven Fischbach, Adjunct Instructor, Mathematics
 Maxine Fischer, Adjunct Instructor, Mathematics
 Wendi Fischer, Adjunct Instructor, Psychology
 Stephanie Fisco, Adjunct Professional Assistant 1, Foreign Language
 John Fitzgerald, Adjunct Instructor, Accounting
 Kenneth Fitzgerald, Adjunct Instructor, Physical Education
 Kathleen Flammer-Boccio, Adjunct Professional Assistant 1, Earth and Space
 Lorraine Flanagan, Adjunct Professional Assistant 1, Computer Lab
 Monica Flanagan, Adjunct Assistant Professor, Health Careers
 Peter Flanagan Jr., Adjunct Professional Assistant 1, Health Careers
 Andrea Flannery, Adjunct Instructor, Nursing
 Lorraine Flecker, Adjunct Professor, Humanities/History/College Seminar

John Fleischmann, Adjunct Instructor, Health Careers

Josephine Fleming, Adjunct Professional Assistant 2, Administrative

Kelliann Flores, Adjunct Instructor, Humanities

Patricia Flynn-Pacholik, Adjunct Assistant Professor, Student Affairs

Anne Fogarty, Adjunct Assistant Professor, Education

Henry Foglino, Adjunct Assistant Professor, College Seminar/Oceanography

Donna Foley, Adjunct Professional Assistant 1, Computer Lab

Edith Forman, Adjunct Assistant Professor, Nursing

Seth Forman, Adjunct Associate Professor, Political Science

Elizabeth Formica, Adjunct Assistant Professor, Mathematics

Beth Forrester, Adjunct Associate Professor, Education

David Fortunoff, Adjunct Instructor, Philosophy/English

Arnold Fox, Adjunct Assistant Professor, Business/Computer Science

Sheila Fox, Adjunct Instructor, Visual Arts/Library

Stephen Fox, Adjunct Instructor, Spanish

Ellen Frank, Adjunct Assistant Professor, Visual Arts/Philosophy/Humanities

Ellen Fraser, Adjunct Assistant Professor, Mathematics

Trevor Fraser, Adjunct Instructor, Communications

Michelle Freed, Adjunct Associate Professor, College Seminar/Reading

Josephine Freedman, Adjunct Professor, Computer Science/Mathematics

Matthew French, Adjunct Professional Assistant 2, Physical Education

Kenneth Friedheim, Adjunct Instructor, Physical Education

Joshua Friedman, Adjunct Instructor, Mathematics

Sharon Friedman, Adjunct Assistant Professor, Physical Education

Suzanne, Friesel, Adjunct Assistant Professor, Mathematics

Laura Friscia, Adjunct Instructor, Student Affairs

Mark Friszolowski, Adjunct Instructor, Horticulture

George Frost, Adjunct Professor, Economics/Political Science

Michael Frost, Adjunct Instructor, Political Science

Barry Fruchter, Adjunct Instructor, English

Lois Fuchs, Adjunct Instructor, Sociology

Victoria Fugina, Adjunct Professional Assistant 1, Student Affairs

Cynthia Fuller, Adjunct Professor, English/Humanities

Gregory Furjanic, Adjunct Instructor, Visual Arts

G

John Gabosch, Adjunct Associate Professor, English

Kristen Gagne, Adjunct Instructor, Physical Education

Ann Gajowski, Adjunct Professional Assistant 2, Accounting/Academic Skills Center

William Galati, Adjunct Instructor, Mathematics

Joseph Galdi, Adjunct Instructor, Criminal Justice

Michael Galgano, Adjunct Instructor, History

Loretta Galina, Adjunct Instructor, College Seminar

Cynthia Galindo Barone, Adjunct Professional Assistant 1, Writing Center

John Gallagher, Adjunct Professor, Political Science/History

John Gallery, Adjunct Instructor, Economics/Business

William Galway, Adjunct Instructor, Health Careers

Carole Gambrell, Adjunct Professor, Library

Joseph Gansrow, Adjunct Instructor, English

Bette Ganz, Adjunct Assistant Professor, Mathematics

Mark Garabrant, Adjunct Instructor, Criminal Justice

Alison Garber, Adjunct Associate Professor, Humanities/Women's Studies

Jay Gardiner, Adjunct Assistant Professor, Health Careers/Physical Education

Sharon Gardner, Adjunct Professional Assistant 1, Veterinary Science

Emily Gargano, Adjunct Instructor, Nursing

Maureen, Garofalo, Adjunct Assistant Professor, Mathematics

Charles Garrison, Adjunct Professional Assistant 1, Biology

Edward Garrone, Adjunct Instructor, History

Roseann Garruba, Adjunct Assistant Professor, Reading/College Seminar

Gediminas Gasparavicius, Adjunct Instructor, Visual Arts

Joseph Gatti, Adjunct Instructor, English

Karen Gatz, Adjunct Instructor, Mathematics

Debra Gazzola, Adjunct Instructor, Mathematics

Harold Gee, Adjunct Instructor, Library

Donna Geffen, Adjunct Instructor, American Sign Language

Arielle Gelardi, Adjunct Instructor, Health Careers

Darlene Gelin, Adjunct Instructor, Human Services

Maria Genna, Adjunct Professional Assistant 2, Computer Lab

James Genova, Adjunct Professional Assistant 1, Earth and Space

Margaret Genovese, Adjunct Professional Assistant 2, English/Writing Center

Michele Gentile, Adjunct Instructor, Occupational Therapy

Salvatore Gentile, Adjunct Professional Assistant 1, Italian/Foreign Language

Elena Geonie, Adjunct Assistant Professor, College Seminar/Recreational Leadership

Debra Gerrie, Adjunct Professional Assistant 2, Nursing

Ruth Gertzel, Adjunct Assistant Professor, Reading/College Seminar

Lucia Ghezzi, Adjunct Instructor, Italian

John Giannotti, Adjunct Professional Assistant 1, Computer Science

Philip Giannusa, Adjunct Instructor, College Seminar

Barbara Gibbons, Adjunct Assistant Professor, Nursing

Beth Giles, Adjunct Assistant Professor, Visual Arts

Marianne Giller, Adjunct Instructor, Reading

Lorraine Giloni, Adjunct Assistant Professor, Biology/College Seminar

Eileen Gilroy, Adjunct Professional Assistant 2, Mathematics

Donna Giordano, Adjunct Instructor, History

Michael Giovelli, Adjunct Professional Assistant 1, Educational Technology Unit

Michael Giovingo Jr., Adjunct Instructor, Culinary

- Marie Gippetti, Adjunct Instructor, Reading
 Terri Glatzer, Adjunct Assistant Professor, Education
 Mary Lou Glazer, Adjunct Instructor, Library
 Ronald Glickman, Adjunct Professor, Business Law
 Phoebe Gloeckner, Adjunct Instructor, Visual Arts
 Salvatore Gnolfo, Adjunct Assistant Professor, Italian/
 Spanish/Foreign Language
 Jason Godeke, Adjunct Instructor, Visual Arts
 Linda Goetz, Adjunct Professional Assistant 1, Health
 Careers
 James Golbin, Adjunct Assistant Professor, Psychology/
 Sociology
 Paul Gold, Adjunct Instructor, History
 Barry Goldberg, Adjunct Instructor, Biology
 Bob Goldberg, Adjunct Instructor, Sociology
 Linda Goldberg, Adjunct Assistant Professor Chemical
 Dependency/College Seminar
 Mark Goldberg, Adjunct Assistant Professor, Chemical
 Dependency
 Richard Goldberg, Adjunct Professor, Biology
 Stewart Goldberg, Adjunct Assistant Professor,
 College Seminar/Psychology
 Barbara Goldberger, Adjunct Assistant Professor,
 English
 Ivan Goldfarb, Adjunct Assistant Professor, English
 David Goldman, Adjunct Instructor, Student Affairs
 Susan Goldson, Adjunct Instructor, Health
 Information
 Judith Goldstein, Adjunct Professor, Reading/College
 Seminar
 Sarahjean Goldstein, Adjunct Assistant Professor,
 Nursing
 Farrokh Golesorkhi, Adjunct Instructor, Mathematics/
 Computer Science
 Katherine Golesorkhi, Adjunct Professor,
 Mathematics
 John Gomez, Adjunct Instructor, English
 Christine Goncharuk, Adjunct Instructor, Graphic
 Design
 Myrka Gonzalez, Adjunct Instructor, Political
 Science
 Jesse Goodale III, Assistant Professor, Political
 Science
 Marilyn Goodman, Adjunct Professor, Theatre/
 Communications/Humanities
 Marjorie Goodstone, Adjunct Instructor, Student
 Affairs/College Seminar
 Daphne Gordon, Adjunct Assistant Professor,
 Business
 Monique Gordon, Adjunct Professional Assistant 2,
 Administrative/Biology/Chemistry
 Thomas Gordon, Adjunct Instructor, Biology
 Margery Gosnell-Qua, Adjunct Assistant Professor,
 Visual Arts
 Brewster Gottsch, Adjunct Associate Professor,
 Biology, Oceanography/Marine Biology
 Jean Ann Gottschoi, Adjunct Instructor,
 Communications
 Joseph Governale, Adjunct Assistant Professor,
 English
 David Gray, Adjunct Assistant Professor, Mathematics/
 Physical Education
 Charles Graziano, Adjunct Assistant Professor,
 Student Affairs
 Anthony Greco, Adjunct Instructor, Automotive
 Technology
 Constance Green, Adjunct Instructor, Nursing
 Margaret Green, Adjunct Assistant Professor,
 American Sign Language
 Marilyn Green, Adjunct Professional Assistant 2,
 Administrative
 Jack Greenberg, Adjunct Professional Assistant 1,
 Office Technologies
 Tasha Greenberg, Adjunct Instructor, Computer
 Science
 Maury Greenberg, Adjunct Instructor, Health
 Careers
 Pamela Greene, Adjunct Instructor, Political Science/
 Business Law
 Dianne Greenfield, Adjunct Instructor, Marine
 Biology
 Nancy Greenfield, Adjunct Assistant Professor,
 Mathematics
 Christoph Gregorio, Adjunct Professional Assistant 1,
 Radio and Television
 Leonard Gregorio, Adjunct Professor, Psychology
 Donna Gregory, Adjunct Professional Assistant 1,
 Mathematics
 John Grein, Adjunct Assistant Professor, Business/
 Accounting
 Charles Greiner, Adjunct Associate Professor, English/
 Radio and Television
 John Greves, Adjunct Assistant Professor, Business
 Pola Griego, Adjunct Instructor, Sociology/College
 Seminar
 Russell Griemsmann, Adjunct Associate Professor,
 Computer Science
 Anthony Grimaldi, Adjunct Assistant Professor,
 Chemical Dependency
 Peter Grimaldi, Adjunct Assistant Professor,
 Accounting/College Seminar
 Cynthia Grimley, Adjunct Professional Assistant 1,
 Academic Skills Center
 Nicholas Grimshaw, Adjunct Professional Assistant
 1, English
 Charles Grippi, Adjunct Professor, English
 Donald Gronachan Adjunct Assistant Professor,
 Physical Education
 Jay Gross, Adjunct Assistant Professor, Mathematics
 Linda Gross, Adjunct Instructor, Reading
 S. Arthur Gross, Adjunct Professional Assistant 2,
 Mathematics
 Sylvia Grossbach, Professional Assistant 1, Computer
 Lab
 Joseph Grossi, Adjunct Assistant Professor, Spanish
 Marie Grossman, Adjunct Assistant Professor,
 Mathematics
 Raymond Grossman, Adjunct Professor,
 Mathematics
 Steven Grossman, Adjunct Instructor, Mathematics
 Doreen Gruber, Adjunct Instructor, Physical
 Education
 Jerry Grubner, Adjunct Instructor, Mathematics
 Joann Gryzlo, Adjunct Instructor, Accounting/
 Business
 Patricia Guercio, Adjunct Assistant Professor, Health
 Careers
 Jeannie Guglielmo, Adjunct Instructor, Biology/
 Criminal Justice
 Anthony Guilbert, Adjunct Instructor, English
 Maxine Guilmain, Adjunct Associate Professor, Visual
 Arts/Interdisciplinary Studies
 Janet Gulla, Adjunct Assistant Professor, Humanities/
 Women's Studies
 Marian Guralnick, Adjunct Instructor, English/College
 Seminar
 Thomas Guthlein, Adjunct Professional Assistant 1,
 Ophthalmic Dispensing

Christine Guthman, Adjunct Professor, Health Careers
 Sarah Gutowski, Adjunct Instructor, English
 Laurie Guttenberg, Adjunct Assistant Professor, Communications
 Maria Guttierrez, Adjunct Professional Assistant 1, Foreign Language
 Computer Labare Guydish, Adjunct Instructor, Health Careers

H
 Robert Haack, Adjunct Instructor, Criminal Justice
 Robin Haas, Adjunct Assistant Professor, College Seminar/Reading
 Nancy Haefeli, Adjunct Assistant Professor, English/College Seminar
 Bakhtavar Hagedorn, Adjunct Assistant Professor, Mathematics
 Patricia Halcrow, Adjunct Instructor, Sociology
 Daniel Hall, Adjunct Instructor, Mathematics
 Margaret Hall, Adjunct Instructor, Biology
 Nancy Hall, Adjunct Associate Professor, English
 Arlette Hall-Connolly, Adjunct Assistant Professor, Ophthalmic Dispensing
 Bruce Haller, Adjunct Assistant Professor, Business Law
 Lois Halpin, Adjunct Instructor, Nursing
 Debra Handel, Adjunct Instructor, Student Affairs
 John Hanham, Adjunct Associate Professor, Computer Science
 Patricia Hanham, Adjunct Professor, Computer Science
 John Hanley, Adjunct Instructor, Mathematics
 Richard Hanley, Adjunct Instructor, Criminal Justice
 David Hannigan, Adjunct Instructor, History
 Barbara Hansen, Adjunct Instructor, Accounting/Business
 Frank Hansen, Adjunct Assistant Professor, Music
 Linda Hansen, Adjunct Instructor, Dietetic Technician
 Sherida Hare, Adjunct Assistant Professor, Mathematics
 Candida Harper, Adjunct Instructor, English as a Second Language
 Philip Harrington, Adjunct Instructor, Earth and Space
 Helen Harris, Adjunct Associate Professor, College Seminar, English/Humanities
 Brian Harrison, Adjunct Instructor, Automotive Technology
 Joanne Hartman, Adjunct Professor, Visual Arts/Computer Art
 Kymberly Harvell, Adjunct Instructor, Nursing
 Henry Hasson, Adjunct Assistant Professor, Student Affairs
 Tabbethi Haubold, Adjunct Professional Assistant 1, Veterinary Science
 Fred Hauck, Adjunct Instructor, Computer Science
 Deborah Hauser, Adjunct Instructor, English
 Harry Hauser, Adjunct Professor, Mathematics
 James Hayes, Adjunct Instructor, College Seminar
 Sharon Hayes, Adjunct Professional Assistant 1, Mathematics
 Thomas Hayes, Adjunct Instructor, Foreign Language
 Susan Haynie-Deforest, Adjunct Assistant Professor, Communications/Theatre
 Patricia Hebron, Adjunct Associate Professor, Nursing

Norman Heiman, Adjunct Associate Professor, Accounting
 Ann Helfgott, Adjunct Assistant Professor, Humanities
 Ute Hellebuyck, Adjunct Instructor, German/Foreign Language
 Bruce Heller, Adjunct Assistant Professor, Computer Science
 Linda Heller, Adjunct Instructor, Office Technologies/Library
 Daveen Herley, Adjunct Professor, Education
 Neila Hernandez, Adjunct Instructor, Nursing
 Linda Heslin, Adjunct Assistant Professor, Library
 Richard Hession, Adjunct Professor, Physical Education
 Carmela Hidalgo, Adjunct Professional Assistant 1, Academic Skills Center
 Stacey Hildebrand, Adjunct Instructor, Nursing
 Denyse Hilsby, Adjunct Instructor, Nursing
 George Hiltner III, Adjunct Professor Student Affairs/English/College Seminar
 Alfred Hilz, Adjunct Professional Assistant 1, Physics
 Caryn Himelfarb, Adjunct Professional Assistant 1, Culinary
 Charles Hinrichs, Adjunct Instructor, Criminal Justice
 Diana Hinton, Adjunct Assistant Professor, Accounting/Computer Science/Business Law
 Robert Hinz, Adjunct Assistant Professor, Music
 David Hirschberg, Adjunct Professional Assistant 1, Biology
 Rita Hittleman, Adjunct Assistant Professor, Communications
 Jennia Hizver, Adjunct Professional Assistant 1, Computer Science
 Nga Tn Ho, Adjunct Professional Assistant 1, Mathematics
 Susan Som Hoare, Adjunct Instructor, Library
 George Hochbrueckner, Adjunct Instructor, Political Science
 Lois Hoffman, Adjunct Assistant Professor, Visual Arts
 Peter Hoffmeister, Adjunct Instructor, Mathematics
 Carol Hogan, Adjunct Professional Assistant 2, Biology
 Jennifer Hogan, Adjunct Instructor, English
 S. Renee Holland, Adjunct Instructor, Music
 Alan Hollander, Adjunct Professor, Business/College Seminar
 Alon Holliday, Adjunct Professional Assistant 2, Administrative
 Nona Holmes, Adjunct Assistant Professor, Nursing
 Kevin Holochwost, Adjunct Professional Assistant 1, Physics
 Fred Holtz, Adjunct Instructor, Psychology
 Joyce Holzapfel, Adjunct Associate Professor, Biology
 Emily Holzer, Adjunct Professional Assistant 2, Computer Science
 John Hoolahan, Adjunct Professional Assistant 1, Mathematics
 John Hooper, Adjunct Assistant Professor, Theatre/Communications
 Lori Hooper, Adjunct Instructor, Sociology
 Donna Hope, Adjunct Instructor, Business
 Brandi Hopkins, Adjunct Instructor, Student Affairs
 Virginia Horan, Adjunct Assistant Professor, Communications

- Frederick Horn, Adjunct Professional Assistant 1, Biology
 Donald Howard Jr., Adjunct Assistant Professor, Music
 Vivian Hudson, Adjunct Instructor, Student Affairs
 William Hudson, Adjunct Professor, Mathematics
 Ronald Huetter, Adjunct Instructor, History
 Antoinett Huffine, Adjunct Instructor, College Seminar
 George Hughes, Adjunct Professor, Business Law/Criminal Justice
 Patrick Hughes, Adjunct Instructor, Computer Art/Computer Science
 Ruth Hughes, Adjunct Instructor, Physical Education
 Michael Hunt, Adjunct Instructor, Criminal Justice
 Maryanne Huntington, Adjunct Professional Assistant 2, Computer Lab
 Gerda Hyacinthe, Adjunct Instructor, Nursing
 Allison Hynes, Adjunct Instructor, American Sign Language
- I
- Richard Iacona, Adjunct Assistant Professor, Music
 Matthew Iannucci, Adjunct Instructor, English
 Ricki Imundo, Adjunct Instructor, Physical Education
 Anthony Infantino, Adjunct Instructor, Business
 Jerilyn Ingold, Adjunct Assistant Professor, Office Technologies/Business
 Robert Ingram, Adjunct Assistant Professor, Accounting
 Mark Ingrassia, Adjunct Instructor, American Sign Language
 Susan Inkles, Adjunct Professional Assistant 2, Reading
 William Israel, Adjunct Instructor, Mathematics
 Leo Ivans, Adjunct Professional Assistant 2, Physics/Earth and Space/Biology
 Elke Izakson, Adjunct Professional Assistant 1, Foreign Language
 James Izzo, Adjunct Instructor, Mathematics
 Richard Izzo, Adjunct Instructor, Biology
- J
- Eihab Jaber, Adjunct Professional Assistant 1, Mathematics
 Michael Jacobs, Adjunct Instructor, Physical Education
 Todd Jacobs, Adjunct Instructor, Culinary
 Jerry Jacobson, Adjunct Instructor, English
 Lisa Jaime, Adjunct Professional Assistant 1, Biology
 Alfreda James, Adjunct Instructor, History
 Mark James, Adjunct Instructor, Physical Education
 Daniel Jamieson, Adjunct Instructor, English
 Muhammad Jatoi, Adjunct Professional Assistant 1, Computer Lab
 Muhammed Jatoi, Adjunct Professional Assistant 1, Computer Lab/Computer Science
 Mohammad Javadi, Adjunct Associate Professor, Mathematics
 Christoph Jentsch, Adjunct Instructor, Music
 Bernadett Jermusyk, Adjunct Assistant Professor, Mathematics
 William Jessup, Adjunct Assistant Professor, Chemistry
 Judith Johnsen, Adjunct Instructor, Sociology/Psychology
 Jayne Johnson-Seeberge, Adjunct Assistant Professor, Library
 Bruce Johnson, Adjunct Instructor, English
- Darren Johnson, Adjunct Instructor, English/Journalism
 Donald Jones, Adjunct Professional Assistant 1, Music
 Julie Jones, Adjunct Associate Professor, History/Interdisciplinary
 Maria Jordan, Adjunct Professional Assistant 1, English as a Second Language
 Belkys Jorge, Adjunct Professional Assistant 1, Academic Skills Center
 Kathleen Joseph, Adjunct Assistant Professor, Mathematics
 Vishwas Joshi, Adjunct Professional Assistant 1, Chemistry
 Sherri Juhas, Adjunct Associate Professor, American Sign Language
 Vladimir Jurukovski, Adjunct Instructor, Biology
 Nicholas Juszczak, Adjunct Instructor, Psychology
 Elinor Kahana, Adjunct Associate Professor, Visual Arts
 Chandraka Kahanda, Adjunct Assistant Professor, Chemistry
 Lois Kahl, Adjunct Instructor, Physical Education/College Seminar
 Grace, Kaigh, Adjunct Professional Assistant 1, Psychology
 Spyro, Kalas, Adjunct Instructor, Computer Art
 Dorothy Kalson, Adjunct Assistant Professor, Interdisciplinary Studies/Music
 Diane Kampf, Adjunct Assistant Professor, English
 Robert Kaplan, Adjunct Associate Professor, English
 Dean Karahalais, Adjunct Assistant Professor, Music
 John Karahalais, Adjunct Associate Professor, Psychology/College Seminar
 Rewa Karlin, Adjunct Professional Assistant 1, English
 Jessica Karmen, Adjunct Associate Professor, Sociology
 Edwin Karpf, Adjunct Professional Assistant 2, Physics
 Lucy Karwoski, Adjunct Instructor, Visual Arts
 Barbara Karyo, Adjunct Professor, Visual Arts
 Jeffrey Kassner, Adjunct Assistant Professor, Oceanography/Biology/Marine Biology
 Karen Kassner, Adjunct Professional Assistant 2, Biology
 Richard, Kassnove, Adjunct Assistant Professor, Psychology
 Joel Katims, Adjunct Professor, Business/Business Law
 Lynn Katzel, Adjunct Assistant Professor, Reading/College Seminar
 Alyssa Kauffman, Adjunct Instructor, Communications
 Saul Kaufman, Adjunct Associate Professor, History
 Deborah Kaufmann, Adjunct Professional Assistant 1, Biology
 Veronica Keane, Adjunct Assistant Professor, English
 Mina Kearns, Adjunct Professional Assistant 1, Medical Assisting
 Carole Keatts, Adjunct Professional Assistant 2, Biology
 Barbara Kelleher, Adjunct Professional Assistant 1, Reading/College Seminar
 Gail Kellner, Adjunct Instructor, Nursing
 Margaret Kelly, Adjunct Assistant Professor, Reading

Eugene Kelly Jr., Adjunct Instructor, Philosophy
 Sharon Kelsch, Adjunct Associate Professor, Nursing
 Robert Kenney, Adjunct Instructor, Computer Science
 Philip Kenter, Adjunct Professor, Business
 Rochelle Kertzner, Adjunct Instructor, Mathematics
 Stanley Keslonsky, Adjunct Assistant Professor, Physical Education
 Joseph Keuler, Adjunct Instructor, Drafting
 Joseph Kevles, Adjunct Assistant Professor, Mathematics
 Nagi Khan, Adjunct Professional Assistant 1, Biology
 June Kiefer, Adjunct Assistant Professor, Nursing
 William Kiley, Adjunct Instructor, Criminal Justice
 Terrie Killoran, Adjunct Professional Assistant 2, Health Careers
 David Kilmnick, Adjunct Instructor, Human Services/Health Careers
 Heesoo Kim, Adjunct Instructor, Acquired Brain Injury
 Mary Samantha Kinsley, Adjunct Instructor, English
 Eileen Kirchhoff, Adjunct Assistant Professor, Mathematics
 William Kiriazis, Adjunct Associate Professor, Visual Arts
 Barbara Kirshner, Adjunct Instructor, Communications
 Patricia Kist, Adjunct Associate Professor, Mathematics
 Brian Klammer, Adjunct Professional Assistant 1, Physical Education
 Nina Klauber, Adjunct Professional Assistant 1, Occupational Therapy
 Adrienne Kline, Adjunct Instructor, Mathematics
 Karl Klug, Adjunct Instructor, Health Careers
 Charlene Knadle, Adjunct Associate Professor, English
 William Knipfing, Adjunct Instructor, College Seminar
 Brendan Knoblich, Adjunct Professional Assistant 1, Distance Education
 Marie Knott, Adjunct Instructor, Nursing
 Ellen Koch, Adjunct Assistant Professor, English as a Second Language
 Arthur Koerber, Adjunct Assistant Professor, Construction Technology/Engineering
 Andrea Koetter, Adjunct Instructor, English
 Dianne Kohl, Adjunct Associate Professor, College Seminar/English
 Jack Kohl, Adjunct Professional Assistant 1, Music
 Edward Kolk, Adjunct Instructor, Medical Assisting
 Kevin Kolkmeier, Adjunct Instructor, English
 Francis Kollmann, Adjunct Instructor, Criminal Justice
 Leslie Konits, Adjunct Instructor, Economics
 Jeffrey Koodin, Adjunct Professor, Health Careers/Physical Education
 Judith Koodin, Adjunct Professor, Student Affairs
 Emmanuel Korakis, Adjunct Instructor, Accounting
 Paul Koretzki, Adjunct Instructor, Mathematics
 Alex Kostopoulos, Adjunct Professional Assistant 1, Visual Arts
 Maureen Kotlas, Adjunct Instructor, Fire Science
 Catherine Kottis, Adjunct Professional Assistant 2, Biology/Chemistry
 Kevin Koubek, Adjunct Assistant Professor, Construction Technology

Susan Koukounas, Adjunct Professional Assistant 1, Mathematics
 Marcia Kouskalis, Adjunct Assistant Professor, Nursing
 Michael Koziem, Adjunct Instructor, Computer Art
 Dennis Kramer, Adjunct Assistant Professor, Electrical Engineering
 Marie Kratochvil, Adjunct Associate Professor, Economics
 John Kreutz, Adjunct Instructor, Political Science
 Christoph Krietsch, Adjunct Instructor, English
 Mary Krisowaty, Adjunct Instructor, Physical Education
 George Kroecker, Adjunct Professor, Business
 Elaine Krollick, Adjunct Instructor, Mathematics
 Denise Kron, Adjunct Instructor, English
 Donald Kubicsko, Adjunct Assistant Professor, Computer Science
 Computer Labaudia Kuehnl, Adjunct Assistant Professor, Visual Arts
 Takemasa Kurita, Adjunct Instructor, English

L
 Kenneth Labarbera, Adjunct Instructor, Education
 Frank Labarbera III, Adjunct Instructor, Fitness Specialist
 Garrett Lacara, Adjunct Professor, Business Law/Business
 Wayne Lackmann, Adjunct Instructor, Economics
 Steven Ladd, Adjunct Instructor, Student Affairs
 Richard Lafemina, Adjunct Associate Professor, Psychology
 Sally La Forte, Adjunct Instructor, English
 Lisa Lagattolla, Adjunct Instructor, Spanish
 Salvatore Lalima, Adjunct Professor, Accounting
 Carol Lamanno, Adjunct Professor, Nursing
 Lora Lamanno, Adjunct Professional Assistant 1, Hotel Restaurant Management
 Stanley Lamberg, Adjunct Professor, Biology
 Robert Lambiase, Adjunct Professor, Engineering
 Gene Lamendola, Adjunct Instructor, Music
 Gary Lamm, Adjunct Assistant Professor, Computer Science
 Michael Lamonica, Adjunct Instructor, Ophthalmic Dispensing
 Michelle Lanberg, Adjunct Professional Assistant 1, Chemistry
 Miriam Landau, Adjunct Assistant Professor, Spanish
 Carolyn Lanfear, Adjunct Assistant Professor, Mathematics
 Robert Lanfear, Adjunct Associate Professor, Mathematics
 Kelly Langan-Dyer, Adjunct Professional Assistant 1, Administrative
 Salvatore Latorre, Adjunct Instructor, Spanish
 Thomas Lattimer, Adjunct Associate Professor, Oceanography/Earth and Space
 Norman Lavallee, Adjunct Professor, Business Law
 Marylou Lawrence, Adjunct Professional Assistant 2, Accounting
 William Lawrence, Adjunct Instructor, English
 Vincent Lawrence Jr., Adjunct Assistant Professor, Mathematics
 Nicole Lawrence-Ascoli, Adjunct Professional Assistant 1, Mathematics
 Meghan Leborious, Adjunct Instructor, Visual Arts
 Gregory Lederway, Adjunct Professional Assistant 1, Communications
 Dawn Lee, Adjunct Instructor, Visual Arts

- Hosun Moo Lee, Adjunct Instructor, Music
 Steven Lee, Adjunct Instructor, Physical Education
 Winston Lee, Adjunct Instructor, Health Careers
 Barbara Leek, Adjunct Professional Assistant 2, Writing Center
 Eugene Leff, Adjunct Associate Professor, Biology
 Linda Lehmann, Adjunct Professional Assistant 1, Reading
 E. Blair Leighton, Adjunct Instructor, Mathematics
 Edwin Leighton, Adjunct Instructor, Mathematics
 Robert Leiterman, Adjunct Instructor, Business/Office Technology
 Alison Lesiewicz, Adjunct Instructor, English
 Deborah Lesser, Adjunct Instructor, Accounting
 Ronni Lester, Adjunct Instructor, Psychology
 Amie Letscher, Adjunct Instructor, Reading
 Jonathan Leventon, Adjunct Instructor, History
 Judy Levine, Adjunct Assistant Professor, Education
 Herbert Levine, Adjunct Instructor, Sociology
 Kathy Levine, Adjunct Assistant Professor, Visual Arts
 Martin Levine, Adjunct Associate Professor, Visual Arts
 Morton Levine, Adjunct Associate Professor, English/College Seminar
 Sandra Levine, Adjunct Instructor, Human Services
 Lynda Levy, Adjunct Instructor, English
 Carmie Lewis, Adjunct Professor, Biology
 James Lewis, Adjunct Assistant Professor, College Seminar/Psychology
 Matthew Lewis, Adjunct Instructor, Culinary
 Stephen Lewis, Adjunct Professor, English
 Dale Leyden, Adjunct Instructor, English
 David Lieberman, Adjunct Professor, Physics
 Mary Lilienthal, Adjunct Assistant Professor, Library
 James Lin, Adjunct Instructor, Music
 Gil Link, Adjunct Instructor, Student Affairs
 Ingke Linker, Adjunct Instructor, English
 Margaret Lionetti, Adjunct Professional Assistant 1, Physical Education
 Catherine Lipnick, Adjunct Instructor, English
 Geri Lipschultz, Adjunct Instructor, English
 John Litkowski, Adjunct Professional Assistant 1, Administrative/Computer Lab
 Michael Livingston, Adjunct Instructor, Spanish
 Elizabeth Lo-Re, Adjunct Instructor, Business/Office Technology/Computer Science
 Maryellen Lobosco, Adjunct Instructor, English
 Philip Locicero, Adjunct Professional Assistant 1, Biology
 Christopher Lockhart, Adjunct Professional Assistant 1, Mathematics/Computer Lab
 Marvin Loewen, Adjunct Professor, Chemistry
 Anthony Logallo, Adjunct Instructor, Criminal Justice
 George Lomaga, Adjunct Professor, Earth and Space
 Margaret, Lomaga, Adjunct Assistant Professor, Earth and Space
 Robin Lombardo, Adjunct Assistant Professor, Recreational Leadership/Health Careers
 Carol Longo, Adjunct Associate Professor, Library/Education
 Virtudes Lopez, Adjunct Instructor, Spanish
 Ann Loud, Adjunct Instructor, Theatre
 Fara Lourenso, Adjunct Professional Assistant 1, Mathematics/Chemistry
 Computer Labarita Love, Adjunct Professional Assistant 1, Theatre
 Jeffrey Lowen, Adjunct Professional Assistant 2, Biology
 Michael Lowitt, Adjunct Assistant Professor, College Seminar
 Martin Lubin, Adjunct Assistant Professor, History/Humanities
 John Luchsinger, Adjunct Instructor, Fitness Specialist
 Daniel Luciano, Adjunct Instructor, Physical Education
 Vicki Luckman, Adjunct Instructor, Physical Education
 Carmen Ludemann, Adjunct Professional Assistant 1, Administrative
 Erin Ludlam, Adjunct Instructor, Health Careers
 Chad Lupinacci, Adjunct Instructor, Political Science
 Mona Lupow, Adjunct Assistant Professor, Education
 Barbara Lynch, Adjunct Instructor, Communications
 Brian Lynch, Adjunct Professional Assistant 1, Physical Education
 Pamela Lynch, Adjunct Instructor, Biology/Marine Biology
 Vincent Lyons, Adjunct Assistant Professor, Business Law
 Virginia Lyons, Adjunct Instructor, Nursing
 M
 Heather Macadam, Adjunct Assistant Professor, English/Humanities
 Maria Macarle, Adjunct Associate Professor, College Seminar/Physical Education
 Kathleen Macbeth, Adjunct Professional Assistant 1, Computer Lab
 Susan Macdonald, Adjunct Assistant Professor, Physical Education/Psychology
 Michael Macioce, Adjunct Instructor, Visual Arts
 Elaine Maccomputer Labellan, Adjunct Instructor, Biology
 Janet Macmillan, Adjunct Instructor, Reading
 Yves Maco, Adjunct Instructor, Physical Education
 John Macpherson, Adjunct Instructor, Student Affairs
 Krista Macpherson, Adjunct Instructor, Student Affairs
 Cynthia Maddalena, Adjunct Professional Assistant 1, Computer Science
 Honour Maddock, Adjunct Assistant Professor, Criminal Justice
 Kathleen Madigan, Adjunct Assistant Professor, Library
 Jennie Magaro, Adjunct Instructor, Psychology
 Joyce Maggio, Adjunct Assistant Professor, English/College Seminar/Journalism
 Colleen Maher, Adjunct Instructor, College Seminar
 George Maher, Adjunct Instructor, Communications
 James Maher, Adjunct Assistant Professor, Criminal Justice
 James Mahoney, Adjunct Assistant Professor, English
 Janet Mahoney, Adjunct Assistant Professor, Mathematics/College Seminar
 Katherine Majowka, Adjunct Assistant Professor, English
 Ruth Makofske, Adjunct Assistant Professor, Visual Arts

Louis Malerba, Adjunct Assistant Professor, Communications
 Carol Malley, Adjunct Professional Assistant 1, Administrative
 Sean Malloy, Adjunct Assistant Professor, Mathematics
 John Malnichuck, Adjunct Associate Professor, English
 Victoria Maloney, Adjunct Professional Assistant 1, Nursing
 Lynda Malsky, Adjunct Instructor, Nursing
 Theodora Mamatras, Adjunct Instructor, English/College Seminar
 Robert Mancini, Adjunct Instructor, Biology
 David Mandell, Adjunct Instructor, Business
 Donald Mandell, Adjunct Associate Professor, College Seminar
 Kelly Mandia, Adjunct Instructor, History
 Beverly Mann, Adjunct Assistant Professor, English/College Seminar
 Heather Mann, Adjunct Instructor, Chemistry
 Joyce Mann, Adjunct Instructor, Communications
 Janna Mannhart, Adjunct Professional Assistant 2, Physical Education
 Ronald Manning, Adjunct Instructor, Business Law
 Stephen Manning, Adjunct Assistant Professor, Philosophy
 Michael Mannix, Adjunct Professor, Health Careers
 Louis Mannon, Adjunct Instructor, Student Affairs
 Melissa Maravell, Adjunct Professional Assistant 1, Theatre
 Lydia Marcantonio, Adjunct Assistant Professor, Communications/Theatre
 Julius Marculinarycci, Adjunct Professor, Mathematics
 Marilyn Margulies, Adjunct Assistant Professor, Mathematics
 Nebojsa Marinkovic, Adjunct Instructor, Chemistry
 Gail Marino, Adjunct Instructor, Mathematics
 Marcie Marino, Adjunct Instructor, English as a Second Language
 Theresa Marino, Adjunct Instructor, Physical Education
 John Mario, Adjunct Assistant Professor, Chemistry/Criminal Justice
 Anthony Maritato, Adjunct Instructor, Economics
 Alan Mark, Adjunct Assistant Professor, Accounting/Business
 Frank Marotta, Adjunct Assistant Professor, Health Careers/Fire Science
 Norris Marshak, Adjunct Assistant Professor, English
 Frances Marsicovetere, Adjunct Professional Assistant 2, Foreign Language
 Bruce Martin, Adjunct Assistant Professor, Computer Science
 Kerry Martin, Adjunct Instructor, English
 Kim Martin, Adjunct Professional Assistant 1, Student Affairs
 Maureen Martin, Adjunct Professional Assistant 1, Computer Science
 Raymond Martinez, Adjunct Instructor, Student Affairs
 Irina Martkovich, Adjunct Instructor, English as a Second Language/Earth and Space
 Ronald Marwood, Adjunct Instructor, Economics
 Roland Marx, Adjunct Assistant Professor, Business
 Erin Marzovilla, Adjunct Instructor, Reading
 Jean Masin, Adjunct Associate Professor, Visual Arts/Humanities/Student Affairs
 Allison Mass, Adjunct Professional Assistant 1, Biology/Oceanography
 Diana Massaria, Adjunct Instructor, Business
 Susan Massey, Adjunct Instructor, Nursing
 Philip Matcovsky, Adjunct Instructor, Human Services
 Steeves Mathieu, Adjunct Professional Assistant 1, Computer Science
 Gerard Matovcik, Adjunct Assistant Professor, English
 William Matros, Adjunct Assistant Professor, Mathematics
 Dianne Matthews, Adjunct Assistant Professor, Mathematics
 Mark Matvya, Adjunct Professional Assistant 2, Physical Education
 Christopher Mauceri, Adjunct Instructor, History
 Janet Mauck, Adjunct Professional Assistant 2, Computer Lab
 Karen Mauer, Adjunct Instructor, Reading
 Barbara Maurer, Adjunct Instructor, Chemical Dependency
 Carol Mauro Noon, Adjunct Instructor, Reading
 Ralph Maust, Adjunct Professor, Earth and Space
 Vivienne Mazzola, Adjunct Assistant Professor, Mathematics
 Rosemary McAllister, Adjunct Instructor, Reading
 William McAllister, Adjunct Professor, Computer Science
 David McAuley, Adjunct Associate Professor, Business/College Seminar
 Nancy McCaffrey, Adjunct Assistant Professor, Library
 Vincent McCambley, Adjunct Associate Professor, Psychology
 Jeralynn McCarthy, Adjunct Assistant Professor, Library/College Seminar
 John McCarthy, Adjunct Instructor, Criminal Justice
 Raymond McCartney, Adjunct Professor, Mathematics
 James McCarty III, Adjunct Assistant Professor, Criminal Justice
 Theresa McClean, Adjunct Instructor, English
 Amy McClelland, Adjunct Professional Assistant 1, Acquired Brain Injury
 Peter McCluskey, Adjunct Assistant Professor, Theatre
 Suzanne McConnell, Adjunct Professional Assistant 2, Biology/Visual Arts
 Sean McCorkle, Adjunct Instructor, Earth and Space
 Miriam McDade, Adjunct Assistant Professor, Mathematics
 John McDermott, Adjunct Professor, English
 Margaret McDonald, Adjunct Assistant Professor, Nursing
 Robert McDonald, Adjunct Assistant Professor, Visual Arts
 Karen McDonough, Adjunct Assistant Professor, Mathematics
 Thomas McDonough, Adjunct Instructor, English
 Hugh McElroy, Adjunct Professor, Visual Arts
 Helen McEntire, Adjunct Associate Professor, Accounting
 Thomas McEvaddy, Adjunct Instructor, Drafting

- Robert McGarry, Adjunct Professional Assistant 1, Biology
- James McGeever, Adjunct Professional Assistant 1, Academic Skills
- Matthew McGevna, Adjunct Instructor, English
- David McGilvray, Adjunct Assistant Professor, Computer Science
- John McGovern, Adjunct Instructor, Psychology
- Mary McGrath, Adjunct Professional Assistant 1, Psychology
- Vicki McGrath, Adjunct Professional Assistant 2, Administrative/Reading
- Honore McIlvain, Adjunct Assistant Professor, Library
- Donna McIllwraith-Seidl, Adjunct Associate Professor, Library
- David McIntosh, Adjunct Instructor, Mathematics
- Lynda McKenna, Adjunct Assistant Professor, Mathematics/College Seminar
- Michael McKenna, Adjunct Instructor, History
- Thomas McKnight, Adjunct Instructor, Mathematics
- Donna McLaughlin, Adjunct Instructor, Biology
- James McLaughlin, Adjunct Assistant Professor, Criminal Justice
- Susana McLoughlin, Adjunct Assistant Professor, Spanish/Foreign Language
- Michael McMackin, Adjunct Instructor, History
- Leslie McNally, Adjunct Professional Assistant 1, Biology
- Theresa McNamee, Adjunct Instructor, Mathematics
- Franklin McNiff, Adjunct Assistant Professor, History
- Denise McNulty, Adjunct Instructor, Physical Education
- Michael McNulty, Adjunct Instructor, Student Affairs
- Edward Mead, Adjunct Professor, College Seminar/Reading
- Morton Mecklosky, Adjunct Professor, Philosophy
- Gisselle Medina, Adjunct Professional Assistant 1, Biology
- Joseph Megill, Adjunct Professional Assistant 2, Horticulture
- Tracey Melandro, Adjunct Instructor, History
- Grace Mellor, Adjunct Instructor, Nursing
- Valerie Mendelson, Adjunct Instructor, Visual Arts
- Debra Mendolia, Adjunct Professional Assistant 1, Nursing
- Beryl Menger, Adjunct Professional Assistant 1, Administrative
- Linda Menkes, Adjunct Instructor, American Sign Language
- John Merenda, Adjunct Assistant Professor, History
- Merilyn Merenda, Adjunct Professor, Communications
- Kevin Messina, Adjunct Instructor, Economics
- Shirley Meyer, Adjunct Professional Assistant 2, Biology
- Peter Micallef, Adjunct Instructor, Health Information
- Janet Miceli, Adjunct Professional Assistant 1, Academic Skills
- Laura Midura, Adjunct Professional Assistant 1, Student Affairs
- Laura Milhaven, Adjunct Assistant Professor, Student Affairs
- Diana Milillo, Adjunct Instructor, Humanities
- David Miller, Adjunct Professor, Communications/Theatre
- Edward Miller, Adjunct Assistant Professor, Philosophy
- Leona Miller, Adjunct Associate Professor, Business
- Margaret Miller, Adjunct Associate Professor, Visual Arts
- Marvin Miller, Adjunct Instructor, History
- William Miller, Adjunct Assistant Professor, Mathematics
- John Millett, Adjunct Instructor, Criminal Justice
- James Mills, Adjunct Instructor, Construction Technology/Engineering
- Anthony Miranda, Adjunct Instructor, History
- Thomas Mistretta, Adjunct Associate Professor, Chemistry
- Claireann Mitchell, Adjunct Instructor, Communications/College Seminar/Writing Center
- Michelle Mitchell, Adjunct Instructor, Business
- Katherine Mitra, Adjunct Instructor, Anthropology
- Amulya Mohan, Adjunct Instructor, Biology
- Christine Mohanty, Adjunct Associate Professor, English/Spanish/French
- Lois Mohlenbrok, Adjunct Professional Assistant 2, Biology
- Kim Mokarry, Adjunct Professional Assistant 1, Administrative
- John Molina, Adjunct Assistant Professor, Chemistry
- Teresa Moller, Adjunct Professional Assistant 1, Mathematics
- Frank Monastero, Adjunct Instructor, Theatre
- Dina Monat, Adjunct Instructor, English
- Charles Montagna, Adjunct Instructor, Physical Education/Veterinary Science
- Silvia Montemurro, Adjunct Assistant Professor, Reading/English/College Seminar
- Gene Montenare, Adjunct Instructor, Mathematics
- Kathryn Montenare, Adjunct Instructor, English
- Meredith Moody, Adjunct Instructor, Visual Arts
- Michael Mooney, Adjunct Instructor, Business
- Carol Moore, Adjunct Assistant Professor, College Seminar/English
- Cheryl Moore, Adjunct Instructor, Nursing
- Eileen Moore, Adjunct Instructor, Reading
- Elena Morales, Adjunct Instructor, Nursing
- Ana Moran, Adjunct Assistant Professor, College Seminar/Humanities
- James Moran, Adjunct Assistant Professor, College Seminar/Oceanography/Biology
- Kathleen Moran, Adjunct Associate Professor, English
- Roseann Moran, Adjunct Instructor, Nursing
- Dante Moratto, Adjunct Instructor, English
- Marianne Morea, Adjunct Assistant Professor, Mathematics
- Alice Morgan, Adjunct Instructor, Information Processing/Office Technologies
- Charles Morgan, Adjunct Assistant Professor, Spanish
- Peter Moriarty, Adjunct Associate Professor, Visual Arts
- Kim Morin, Adjunct Professional Assistant 1, Computer Lab
- Marie Eve Morin, Adjunct Instructor, Philosophy
- Lorraine Morris, Adjunct Professional Assistant 2, Administrative/Academic Skills
- Stephen Morris Jr., Adjunct Instructor, Health Careers

Jacquelin Morrison, Adjunct Instructor, Physical Education

Peter Morrison, Adjunct Professor, English

Lynn Morse, Adjunct Assistant Professor, Computer Science

Richard Morse , Adjunct Assistant Professor, Psychology

Richard Moscatelli, Adjunct Instructor, Mathematics

Theresa Moschner, Adjunct Professional Assistant 1, Computer Science

Esther Moux Jonas, Adjunct Instructor, Graphic Design

Mary Moycik-Aguilera, Adjunct Instructor, Visual Arts

Loretta Mulle, Adjunct Instructor, Mathematics

Jennifer Munro, Adjunct Instructor, Health Careers

Michelle Munro, Adjunct Associate Professor, English as a Second Language, English

Nicholas Muratore, Adjunct Assistant Professor, Sociology

Lorraine Murphy, Adjunct Associate Professor, College Seminar/Education

Micheline Murray, Adjunct Instructor, English as a Second Language

Linda Muse, Adjunct Instructor, Health Careers

Jan Muserlian-Peters, Adjunct Instructor, English

Jed Myers, Adjunct Instructor, Chemistry

John Myers, Adjunct Instructor, Business

Barbara Mytko, Adjunct Professional Assistant 2, Writing Center

N

Jennifer Nader, Adjunct Instructor, English

Balan Nagraj, Adjunct Instructor, Graphic Design/ Business

Mamta Naidu, Adjunct Instructor, Biology

Christina Nalty, Adjunct Assistant Professor, Visual Arts/Computer Art/Graphic Design

Frank Napolitano, Adjunct Assistant Professor, English

Remeshar Narain, Adjunct Instructor, Occupational Therapy

Thomas Nasca , Adjunct Assistant Professor, History

Cynthia Naso, Adjunct Professional Assistant 1, Administrative

Sabita Nayak, Adjunct Professional Assistant 1, Computer Lab

William Needelman, Adjunct Instructor, Chemistry

Merle Neidell, Adjunct Instructor, Student Affairs

Anna Nesterova-Liers, Adjunct Associate Professor, Biology

Dawn Neuman, Adjunct Instructor, American Sign Language

Sandra Neuss, Adjunct Instructor, Mathematics

Shirley Newberger, Adjunct Professional Assistant 2, English

Ruth Newman, Adjunct Associate Professor, Italian/ Spanish

David Newton, Adjunct Instructor, Accounting

Connie Nicolai , Adjunct Professional Assistant 2, Biology

John Nicoellis, Adjunct Instructor, Health Careers

Eric Niegelberg, Adjunct Assistant Professor, Health Careers

Susan Nifenecker, Adjunct Instructor , Nursing

Maryann Nocera, Adjunct Professional Assistant 1, Biology

David Nolan, Adjunct Professor, Mathematics

Eric Nolan, Adjunct Professional Assistant 1, Writing Center/English

Oscar Norena, Adjunct Professional Assistant 1, Foreign Language

Olivia Normandin, Adjunct Instructor, Mathematics

Donald Norton, Adjunct Instructor, Mathematics

Carolyn Notaro, Adjunct Assistant Professor , College Seminar/Dietetic Technician

Cristina Notaro, Adjunct Instructor, Geography

Harriette Novick, Adjunct Professor, Communications/ Theatre

Annette Nowak, Adjunct Instructor, English

Nancy Nunziata, Adjunct Instructor, Sociology

O

Erin O'Driscoll, Adjunct Instructor, Physical Education

Thomas O'Brien, Adjunct Associate Professor, Biology/ Oceanography/Marine Biology

David Obrig, Adjunct Professional Assistant 1, Biology

Linda O'Connell, Adjunct Professor, Health Careers/ Interdisciplinary Studies

Thomas O'Connell, Adjunct Assistant Professor, Health Careers

Christine O'Connor, Adjunct Instructor, Computer Science

Gerald O'Connor, Adjunct Professor, English

Joseph O'Connor, Adjunct Professor, Business Law

Kathryn Odell-Hamilton, Adjunct Assistant Professor, Computer Art/Graphic Design

John Ofrias, Adjunct Associate Professor, Psychology/ Sociology

Laurie O'Halloran, Adjunct Associate Professor, Psychology/Health Careers

Peter O'Hara, Adjunct Instructor, History

Philip Oil, Adjunct Associate Professor, College Seminar/Criminal Justice

Adhiambo Okomba, Adjunct Assistant Professor, Reading

Jennifer Oksenhorn, Adjunct Instructor, Anthropology

John Oliver, Adjunct Assistant Professor, Business Law/Business/Criminal Justice

Margaret Olness, Adjunct Professional Assistant 1, Biology

Edward Olsen, Adjunct Instructor, Chemical Dependency

John O'Malley, Adjunct Instructor, History

John O'Neill, Adjunct Assistant Professor, English

Patrick O'Neill, Adjunct Assistant Professor, Mathematics

Jamina Oomen-Hajagos, Adjunct Instructor, Biology

Marie Oquendo-Miller, Adjunct Instructor, Nursing

Harvey Ornstein, Adjunct Instructor, Mathematics

Brooke Orosz, Adjunct Professional Assistant 1, Mathematics

Daniel Osborne, Adjunct Assistant Professor , Criminal Justice

Judy O'Shea, Adjunct Instructor, Nursing

Timothy O'Shea, Adjunct Professional Assistant 1, Academic Skills

Fred Ostrick, Adjunct Instructor, College Seminar

Jill O'Sullivan, Adjunct Instructor, Business

Maisa Othman, Adjunct Professional Assistant 1, Administrative

Joan Ott, Adjunct Instructor, Visual Arts

Alexei Oulanov, Adjunct Instructor, Library

Vladimir Ovtcharenko, Adjunct Instructor, Biology

Marjorie Oxman, Adjunct Instructor, Graphic Design

Phyllis Ozarin, Adjunct Instructor, Chemical Dependency
 P
 Lori Pack, Adjunct Instructor, Business Law
 Cara Pagano, Adjunct Instructor, Psychology
 Suly Palacio, Adjunct Professional Assistant 1, Foreign Language/Computer Lab
 Phyllis Palma, Adjunct Assistant Professor, Mathematics
 Lynne Panagakos, Adjunct Assistant Professor, Education
 Nuntra Panasuntikul, Adjunct Instructor, Computer Science
 Jyoti Pandit, Adjunct Assistant Professor, Library
 Raymond Paolantonio, Adjunct Instructor, Mathematics
 James Papa Jr., Adjunct Assistant Professor, English
 Gnanasundaram Paramathas, Adjunct Professional Assistant 1, Mathematics
 Peter Paranicas, Adjunct Professional Assistant 1, Graphic Design
 John Parcell, Adjunct Instructor, Music
 Lauren Parente, Adjunct Professional Assistant 1, Mathematics/Psychology
 Michael Parente, Adjunct Professional Assistant 1, Mathematics
 Tina Paris, Adjunct Instructor, Drafting
 Vincent Parisi, Adjunct Instructor, Mathematics
 Jan Parker, Adjunct Professor, Economics
 Patricia Parr, Adjunct Instructor, English
 Emily Parry, Adjunct Associate Professor, English
 Elaine Pase, Adjunct Professional Assistant 1, Acquired Brain Injury
 Valerie Passabile, Adjunct Instructor, Dietetic Technician
 D'Jenny Passe', Adjunct Instructor, English
 Mary Pasterak, Adjunct Professional Assistant 1, Medical Assisting
 Dorothy Patrick, Adjunct Assistant Professor, College Seminar
 Aristodem Pavlou, Adjunct Instructor, Culinary
 Philip Pecorino, Adjunct Professor, Philosophy
 Marianna Pedone, Adjunct Instructor, Student Affairs
 Alice Peltz, Adjunct Professional Assistant 2, College Seminar/Biology
 Eugene Penna Jr., Adjunct Assistant Professor, Mathematics
 Srinivas Pentyala, Adjunct Associate Professor, Biology
 Robert Perelmutter, Adjunct Associate Professor, Psychology
 Karen Perez, Adjunct Assistant Professor, American Sign Language
 Jannine Pergola, Adjunct Assistant Professor, Psychology
 Joshua Perl, Adjunct Instructor, English
 Franklin Perlman, Adjunct Assistant Professor, Physical Education/Health Careers
 Weena Perry, Adjunct Instructor, Visual Arts
 Penelope Perryman, Adjunct Instructor, Health Careers/Human Services/College Seminar
 Elaine Peters, Adjunct Instructor, Reading/English/College Seminar
 Kimberly Peters, Adjunct Instructor Reading
 Raymond Petersen, Adjunct Assistant Professor, Business/Criminal Justice

Gina Petrone, Adjunct Professional Assistant 1, Mathematics
 Tu Pham, Adjunct Professional Assistant 1, Mathematics
 Pauline Pharr, Adjunct Associate Professor, English as a Second Language
 Alan Phillips, Adjunct Associate Professor, Business
 Erin Pia, Adjunct Instructor, Physical Education
 Christina Pietras, Adjunct Professional Assistant 2, Mathematics
 Robert Pike, Adjunct Assistant Professor, English/Humanities
 Susan Pilewski, Adjunct Instructor, English
 George Pinnata, Adjunct Associate Professor, Mathematics
 Francis Pizzarelli Fr., Adjunct Professor, Sociology/College Seminar
 Robert Plath, Adjunct Assistant Professor, English
 Pamela Platt, Adjunct Instructor, Computer Science
 Frances Pochtrager, Adjunct Assistant Professor, English as a Second Language
 Andrew Polan, Adjunct Instructor, Ophthalmic Dispensing
 Richard Polansky, Adjunct Instructor, Mathematics
 Kathleen Polhamer, Adjunct Assistant Professor, Library
 Robert Pollack, Adjunct Associate Professor, Biology
 James Polo, Adjunct Professor, Sociology
 Sheryl Polofsky, Adjunct Assistant Professor, Mathematics
 Nicholas Pompei, Adjunct Assistant Professor, Accounting/Business/College Seminar
 Thomas Ponte, Adjunct Assistant Professor, Chemical Dependency/Health Careers
 Richard Posner, Adjunct Assistant Professor, English
 Patricia Posthauer, Adjunct Instructor, Communications
 Todd Postol, Adjunct Instructor, History
 Carol Powers, Adjunct Associate Professor, Physical Education/College Seminar
 Valerie Powers, Adjunct Professional Assistant 2, Mathematics
 Manju Prakash, Adjunct Instructor, Earth and Space/Physics
 Priscilla Pratt, Adjunct Assistant Professor, Library
 Janice Prendergast, Adjunct Assistant Professor, Visual Arts
 Byron Preston, Adjunct Instructor, Music
 Brenda Price, Adjunct Instructor, Nursing
 Jeffrey Price, Adjunct Instructor, Visual Arts
 Lisa Primerano, Adjunct Instructor, Spanish
 Vito Proscia, Adjunct Instructor, Ophthalmic Dispensing
 Raymond Prucher, Adjunct Instructor, Computer Art
 John Prudenti, Adjunct Instructor, Business Law
 Evelyn Prugar, Adjunct Professional Assistant 1, Biology
 Hyman Pryluck, Adjunct Instructor, Reading
 Colleen Prunier, Adjunct Instructor, Nursing
 Peter Psyllos, Adjunct Professional Assistant 1, Culinary
 Robert Purcell, Adjunct Instructor, Student Affairs
 Q
 Steven Quick, Adjunct Professional Assistant 2, Computer Science
 Gloria Quigley, Adjunct Professor, Psychology

Edward Quimby, Adjunct Instructor, Engineering/
Drafting
Andrew Quinn, Adjunct Professor, Psychology
R
Iris Rabasca, Adjunct Professor, Library/English
Michael Rabasca, Adjunct Associate Professor,
Library/College Seminar
Bobby Raju, Adjunct Professional Assistant 1,
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Debbi Rakowsky, Adjunct Associate Professor,
Psychology/Sociology
Irma Ramsden, Adjunct Instructor, Nursing
Louise Ramsey, Adjunct Instructor, Communications
Wayne Ramsey, Adjunct Assistant Professor, College
Seminar/Earth and Space
John Rapaglia, Adjunct Instructor, Marine Biology
Dalimar Rastello, Adjunct Instructor, Spanish
Pamela Rathburn-Ray, Adjunct Instructor, Nursing
Warren Ratna, Adjunct Associate Professor, Biology
John Ray, Adjunct Assistant Professor, Business Law
Valerie Reagan, Adjunct Assistant Professor, Chemical
Dependency/Health Careers
Anne Realmuto, Adjunct Assistant Professor,
Psychology
Kathleen Reba, Adjunct Instructor, Visual Arts/
Interdisciplinary Studies
Paul Redwood, Adjunct Professional Assistant 1,
Mathematics
Judy Regulinski, Adjunct Instructor, Mathematics
Herbert Reichert, Adjunct Instructor, Visual Arts
Joel Reichert, Adjunct Professor, Biology
Charles Reilly, Adjunct Professor, Accounting
Pamela Rein, Adjunct Professional Assistant 1, Foreign
Language
Amy Reinhardt, Adjunct Instructor, Spanish
Jerome Reinhold-Shor, Adjunct Instructor, Spanish
Nicole Reitman, Adjunct Instructor, Student Affairs
Pearl Remily, Adjunct Assistant Professor,
Mathematics
Robin Remsen, Adjunct Professional Assistant 2,
Biology
Paulette Renna, Adjunct Instructor, English
Robert Renz, Adjunct Instructor, History
Vincent Restivo, Adjunct Associate Professor, History/
College Seminar
Richard Reuter, Adjunct Professional Assistant 2,
Visual Arts
Eugene Rhynie, Adjunct Assistant Professor, Music
Danielle Riccobono, Adjunct Instructor, Communi-
cations
Jack Rice, Adjunct Instructor, College Seminar
Lorraine Rice, Adjunct Assistant Professor, College
Seminar/English
Patricia Rice, Adjunct Instructor, Mathematics
James Richards, Adjunct Associate Professor, Student
Affairs
James Ridley, Adjunct Assistant Professor, Computer
Science
Sherolyn Riley, Adjunct Assistant Professor, College
Seminar
Helen Rising, Adjunct Professional Assistant 1,
Nursing
Amy Rizzuto, Adjunct Instructor, College Seminar
Gail Roach, Adjunct Instructor, Mathematics
Douglas Robbins, Adjunct Professor, Health Careers/
Physical Education
Andrea Roberson, Adjunct Instructor, Mathematics
Mark Roberts, Adjunct Assistant Professor,
Philosophy
Valerie Robins, Adjunct Professional Assistant 1,
Foreign Language/Italian
Dolores, Robinson, Adjunct Professional Assistant
1, Biology
James Robinson, Adjunct Assistant Professor, History/
Political Science
Paul Robinson, Adjunct Instructor, Humanities
Neysa Robles, Adjunct Professional Assistant 1,
Administrative
Joan Rocchetta, Adjunct Assistant Professor,
Education
Richard Rocco, Adjunct Assistant Professor, English
Linda Roche, Adjunct Professor, Physical Education
Christine Rockett, Adjunct Instructor, Occupational
Therapy
Elizabeth Roddin, Adjunct Professional Assistant 2,
Writing Center/English
Edward Rodriguez, Adjunct Assistant Professor,
Mathematics
Jeaneal Rodriguez, Adjunct Professional Assistant 1,
Chemistry
Barry Roffer, Adjunct Instructor, Physical Education
Victoria Roger, Adjunct Professional Assistant 2,
Writing Center/English
Edward Romaine, Adjunct Instructor, History
Lisa Romanacce, Adjunct Instructor, Nursing
Filomena Romano, Adjunct Associate Professor,
Visual Arts
Joan Romano, Adjunct Assistant Professor,
Mathematics
Joseph Romano, Adjunct Assistant Professor,
Communications/Theatre
Susan Romano, Adjunct Instructor, Mathematics
Maria Romero, Adjunct Instructor, Human Services
Richard Romero, Adjunct Assistant Professor,
History
James Rooney Jr., Adjunct Instructor, Criminal
Justice
Patricia Ropke, Adjunct Instructor, Nursing
Judy Rosado, Adjunct Instructor, Mathematics
Jill Rosenberg, Adjunct Instructor, Student Affairs
Stuart Rosenberg, Adjunct Assistant Professor,
Economics
Simona Rosenblatt, Adjunct Professor, Communi-
cations
Eileen Rosenzweig, Adjunct Assistant Professor,
Physical Education
Laura Ross-White, Adjunct Instructor, Theatre
Louise Rossen, Adjunct Assistant Professor,
Mathematics
Laura Rossier, Adjunct Professional Assistant 1,
Chemistry
William Rostron, Adjunct Instructor, History
Joanne Roth, Adjunct Professional Assistant 2, Foreign
Language
Mark Rothman, Adjunct Associate Professor,
History
John Rotta, Adjunct Associate Professor, Spanish/
Foreign Language
Thomas Rouge, Adjunct Professional Assistant 1,
Mathematics
Elaine Rowinski, Adjunct Instructor, Nursing
Luann Rowland, Adjunct Professional Assistant 1,
Nursing
Debashish Roy, Adjunct Instructor, Biology

- Andrew Rubin, Adjunct Assistant Professor, English/
College Seminar
- Michael Ruddick, Adjunct Instructor, Criminal
Justice
- Colleen Rudman, Adjunct Instructor, English
- Lydia Ruffolo, Adjunct Assistant Professor, Library
- John Ruiz, Adjunct Professional Assistant 1, Computer
Lab
- Cynthia Rumplick, Adjunct Instructor, Nursing
- Rebecca Ryan, Adjunct Instructor, Psychology
- Roseanna Ryan, Adjunct Professional Assistant 1,
Mathematics
- Mary Ryan-Garcia, Adjunct Instructor, English
S
- Joyce Sabatino, Adjunct Instructor, College Seminar
- Dominick Sacco, Adjunct Professor, Criminal Justice/
Sociology
- Jeffrey Sackett, Adjunct Associate Professor,
Humanities/History
- Wallace Sadoff, Adjunct Assistant Professor, Student
Affairs/Chemical Dependency
- Yadigar Saglam, Adjunct Professional Assistant 1,
Foreign Language
- Alexander Sagredo, Adjunct Assistant Professor,
English as a Second Language
- Robert Saia, Adjunct Associate Professor, Earth and
Space
- Charles Saladino, Adjunct Associate Professor,
Biology
- Bethann Salamone, Adjunct Professional Assistant 1,
Foreign Language
- Jeanne Salerno, Adjunct Instructor, Nursing
- Michael Salerno, Adjunct Assistant Professor,
History
- Virginia Salerno, Adjunct Assistant Professor, Physical
Education
- John Salig, Adjunct Instructor, Veterinary Science
- Anthony Salvia, Adjunct Instructor, Spanish/Italian
- Sharadha Sambasivan, Adjunct Instructor,
Chemistry
- Anna Samselski, Adjunct Professional Assistant 1,
Computer Lab
- Barbara Samuells, Adjunct Associate Professor,
Accounting
- Larissa Samuilova, Adjunct Instructor, Mathematics
- Colleen Sandford, Adjunct Instructor, English/
French
- Mark Sandford, Adjunct Professional Assistant 1,
Foreign Language/Writing Center
- Maureen Sandford, Adjunct Professional Assistant 2,
Writing Center/English
- John Sandolo, Adjunct Professional Assistant 1,
Physics
- Gregory Sandor, Adjunct Instructor, Horticulture
- Jennifer Sanford, Adjunct Instructor, Nursing
- Lorraine Sanso, Adjunct Instructor, Nursing
- Karen Santino, Adjunct Professional Assistant 2,
College Seminar/Computer Science
- Laurel Santomassino, Adjunct Professional Assistant
2, Administrative
- Jeffrey Santorello, Adjunct Instructor, Librarian
- Michael Santoriello, Adjunct Professional Assistant 2,
Biology/Chemistry
- Velia Santoro, Adjunct Instructor, Physical
Education
- Mala Saxena, Adjunct Assistant Professor,
Chemistry
- Dominick Scalise, Adjunct Assistant Professor,
Chemical Dependency
- Nina Scaringello, Adjunct Assistant Professor, College
Seminar/English
- William Schaefer, Adjunct Instructor, Political
Science
- Richard Schaffer, Adjunct Instructor, Political
Science
- William, Schaub, Adjunct Assistant Professor, Health
Careers
- John Scheblein, Adjunct Instructor, Drafting
- Roberta Schechter, Adjunct Assistant Professor,
Mathematics
- Jeanette Scheller, Adjunct Professional Assistant 2,
Visual Arts
- Rosemarie Schiavone, Adjunct Instructor, Physical
Education
- Pasqual Schievella, Adjunct Professor, Philosophy
- Jon Schippers, Adjunct Instructor, Health Careers/
Physical Education
- William Schlageter, Adjunct Instructor, Computer
Science
- Richard Schlesinger, Adjunct Instructor, Interior
Design
- Alvin Schlosser, Adjunct Professor, College Seminar/
Health Careers
- Cathleen Schmidt, Adjunct Professional Assistant 2,
Biology/Chemistry
- Jennifer Schmidt, Adjunct Professional Assistant 1,
Reading
- Michael Schmitz, Adjunct Assistant Professor,
Psychology
- Kenneth Schnatz, Adjunct Professional Assistant 1,
Mathematics
- William Schneider, Adjunct Assistant Professor,
Business Law/Criminal Justice
- Barbara Schott, Adjunct Professional Assistant 1,
Computer Lab
- Dorothy Schroeder, Adjunct Assistant Professor,
Education
- Terry Schuld, Adjunct Professional Assistant 1,
Computer Lab
- Seymour Schultz, Adjunct Professor, Psychology
- Dennis Schulz, Adjunct Assistant Professor,
Mathematics
- Robert Schuman, Adjunct Associate Professor,
Construction Technology/Drafting
- Catherine Schumann, Adjunct Instructor, Reading/
College Seminar
- Mark Schwartz, Adjunct Instructor, College Seminar/
Business
- Tobias Schwartz, Adjunct Assistant Professor,
Economics
- Genine Schwinge, Adjunct Instructor, Nursing
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Nursing
- John Sciola, Adjunct Instructor, Business
- Patricia Scola, Adjunct Instructor, College Seminar
- Linda Scordino, Adjunct Assistant Professor,
Communications
- Charles Scott, Adjunct Assistant Professor, English
- Nancy Sculinaryri, Adjunct Professional Assistant
1, English
- Timothy Sebesta, Adjunct Associate Professor, Health
Careers
- Maria Segura, Adjunct Instructor, Spanish
- Richard Seidman, Adjunct Instructor, Computer
Science/Mathematics

Sandra Seliger, Adjunct Associate Professor, Psychology/College Seminar
 Daniel Sellick, Adjunct Instructor, American Sign Language
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 Padma Seshadri, Adjunct Associate Professor, Biology
 Claudia Sever, Adjunct Instructor, Economics
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 Joan Share, Adjunct Associate Professor, Psychology
 Janet Sharp, Adjunct Professional Assistant 1, American Sign Language
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 Annette Silver, Adjunct Professional Assistant 1, Anthropology
 Lawrence Silver, Adjunct Professor, Chemistry
 Myron Silverman, Adjunct Assistant Professor, History
 Nanette Silverman, Adjunct Instructor, Psychology
 Tracey Silverman, Adjunct Instructor, Education
 Paul Simon, Adjunct Associate Professor, Drafting
 Virginia Simone, Adjunct Professional Assistant 1, English
 Ivrielle Simons, Adjunct Professional Assistant 1, Foreign Language
 Robert Simpson, Adjunct Professional Assistant 1, Health Careers
 Vasil Skenderi, Adjunct Instructor, Mathematics
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 Stella Slade, Adjunct Instructor, Nursing
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 Evan Smith, Adjunct Instructor, Communications
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 Marcelle Smith, Adjunct Associate Professor, French/College Seminar
 Peter Smith, Adjunct Instructor, History
 Peter Smith, Adjunct Professional Assistant 1, Biology
 Virginia Smith, Adjunct Instructor, Nursing
 David Snyder, Adjunct Instructor, Music
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 Jessika Sobanski, Adjunct Professional Assistant 1, Radio and Television
 Jill Sokol, Adjunct Professional Assistant 1, Mathematics
 Cristina Soler, Adjunct Professional Assistant 1, Spanish
 Edward Soloff, Adjunct Instructor, English
 Stuart Soman, Adjunct Instructor, Drafting
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 Eileen Specht, Adjunct Professor, Nursing
 Ellen Spiegel, Adjunct Instructor, Mathematics
 Meryl Spiegel, Adjunct Instructor, English
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 John Stahlberg, Adjunct Professor, Chemistry
 David Stampf, Adjunct Professor, Computer Science
 Masako Stampf, Adjunct Assistant Professor, Mathematics
 Gina Stango, Adjunct Professional Assistant 1, Foreign Language
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 Marshal Stein, Adjunct Instructor, Reading
 Terry Stein, Adjunct Instructor, Psychology
 A. Russel Steinke, Adjunct Professor, English
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 Alejandro Stern, Adjunct Instructor, Mathematics
 Sharon Steuer, Adjunct Assistant Professor, Biology
 Howard Stevens, Adjunct Professor, Radio and Television
 Mary Ann Stevenson, Adjunct Professional Assistant 1, Mathematics
 Russell Stevenson, Adjunct Professor, Music
 Edward Stever, Adjunct Instructor, English
 Gillian Stewart, Adjunct Instructor, Marine Biology
 Douglas Stiegelmaier, Adjunct Instructor, Health Careers
 Elizabeth Stone, Adjunct Instructor, English as a Second Language
 Gaynell Stone, Adjunct Professor, Anthropology
 Craig Stormont, Adjunct Instructor, English
 Mark Stott, Adjunct Instructor, Biology/Oceanography
 Diane Streuli, Adjunct Assistant Professor, Mathematics

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 Mitchell Sussman, Adjunct Instructor, Chemical Dependency
 Barbara Suter, Adjunct Assistant Professor, Computer Science/English
 Kerry Swanson, Adjunct Professional Assistant 1, Physical Education
 Thomas Sweeny, Adjunct Professor, Mathematics
 Vincent Sydlansky, Adjunct Instructor, Biology
- T**
 Patricia Tacktil, Adjunct Instructor, English
 Anthony Taddeo, Adjunct Assistant Professor, Construction Technology
 Lisa Tafuro, Adjunct Instructor, Communications
 Dianne Taha, Adjunct Professional Assistant 2, Chemistry
 Marypat Takacs, Adjunct Professional Assistant 1, Library
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 Benjamin Tallent, Adjunct Instructor, Philosophy/Humanities
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 Adam Tashman, Adjunct Professional Assistant 1, Mathematics
 Lorraine Tawfik, Adjunct Associate Professor, Mathematics/College Seminar
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 Jodi Teitel, Adjunct Instructor, English
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 Phat Thai, Adjunct Instructor, Mathematics
 Geraldine Thalen, Adjunct Associate Professor, English
 Karen Thaler, Adjunct Instructor, American Sign Language
 Hewitt Thayer, Adjunct Instructor, English
 Henry Thode, Adjunct Instructor, Mathematics
 Victoria Thode, Adjunct Instructor, Health Careers
 Edward Tholl, Jr., Adjunct Instructor, Reading
 Edith Thomas, Adjunct Instructor, College Seminar
 Judith Thomas, Adjunct Instructor, History, Interdisciplinary Studies
 Karen Thomas, Adjunct Instructor, Fitness Specialist
- Melody Thomas, Adjunct Instructor, Business
 Bernard Thomas Jr., Adjunct Assistant Professor, Political Science/History
 Lauren Thompsen, Adjunct Instructor, Mathematics
 Dorothy Thompson, Adjunct Associate Professor, Reading
 William Thompson, Adjunct Instructor, Mathematics
 Jill Thornton, Adjunct Instructor, Nursing
 George Thorsen, Adjunct Instructor, Criminal Justice
 Penelope Tierney, Adjunct Assistant Professor, American Sign Language
 Carl Tillona, Adjunct Instructor, English
 Richard Timo, Adjunct Instructor, Human Services
 Joseph Titone, Adjunct Assistant Professor, Mathematics
 Edwin Tjoe, Adjunct Professional Assistant 1, Educational Technology Unit
 Linda Tobin, Adjunct Assistant Professor, Reading/College Seminar
 Tolga Tohumculinary, Adjunct Professional Assistant 1, Computer Lab
 Peter Tokar, Adjunct Instructor, Interior Design
 Jeffrey Tongue, Adjunct Assistant Professor, Earth and Space
 Patrick Tonra, Adjunct Assistant Professor, Mathematics/Computer Science
 Carolina Toro, Adjunct Professional Assistant 1
 Annie Torres, Adjunct Professional Assistant 1, Foreign Language
 Myrna Torres, Adjunct Assistant Professor, Business/English
 Dawn Totevski, Adjunct Instructor, English
 Richard Trentacoste, Adjunct Instructor, Ophthalmic Dispensing
 Michael Trezza, Adjunct Instructor, Communications
 Ronen Trincher, Adjunct Instructor, Visual Arts
 Margaret Trinidad, Adjunct Instructor, Biology
 Patricia Trotman, Adjunct Instructor, Acquired Brain Injury
 Jeffrey Trujillo, Adjunct Professional Assistant 1, Culinary
 Robert Tucker, Adjunct Instructor, Business Law
 Joann Turzer, Adjunct Instructor, Nursing
 Brenda Jo Tuttle, Adjunct Assistant Professor, Library
 Kathleen Tyler, Adjunct Instructor, Psychology
 Karlene Tyson, Adjunct Instructor, Student Affairs
- U**
 John Umstatter, Adjunct Professional Assistant 1, English
 Linda Unterstein, Adjunct Assistant Professor, Mathematics
 John Urquhart, Adjunct Instructor, Mathematics
- V**
 Mary Vahey, Adjunct Assistant Professor, Visual Arts
 Naintara Vaid, Adjunct Associate Professor, Sociology
 Joseph Vallone, Adjunct Associate Professor, Mathematics
 Christoph Vamos, Adjunct Professional Assistant 1, Mathematics
 Jeffrey Van Brink, Adjunct Instructor, Mathematics
 Julie Van Nostrand, Adjunct Instructor, Student Affairs
 Alfred Vanburen Jr., Adjunct Professor, English
 Jacques Vandekieft, Adjunct Professional Assistant 2, Computer Lab

Warren Vanderbeek, Adjunct Instructor, Mathematics

Linda Vanella, Adjunct Instructor, Anthropology

Kelly Vanetten, Adjunct Instructor, Student Affairs

Cecilia Vanisky, Adjunct Instructor, Nursing

Luis Vargas, Adjunct Assistant Professor, Chemistry

Marvin Vazquez, Adjunct Professional Assistant 1, Mathematics

Theresa Vecchiarelli, Adjunct Assistant Professor, Mathematics

Domingo Velez, Adjunct Instructor, Accounting/Business

Katharine Ventimiglia, Adjunct Assistant Professor, Reading/College Seminar

Ruth Ventura, Adjunct Assistant Professor, Student Affairs

Linda Venturino, Adjunct Instructor, Physical Education

Jane Verdrager, Adjunct Assistant Professor, College Seminar/Reading

Nicholas Vero, Adjunct Instructor, Interior Design

Robert Vestigo, Adjunct Associate Professor, English

Eugene Vetter, Adjunct Assistant Professor, Mathematics

Christine Vicedomini, Adjunct Instructor, Education

Bente Videbaek, Adjunct Assistant Professor, College Seminar/English

Gina Vigliarolo, Adjunct Instructor, Visual Arts

Susan Vitale, Adjunct Instructor, Nursing

John Vogel, Adjunct Assistant Professor, Mathematics

Stephanie Vogel, Adjunct Instructor, English as a Second Language

Felice Vogel-Levine, Adjunct Associate Professor, College Seminar/Health Careers

Maureen Vollaro, Adjunct Instructor, Acquired Brain Injury

Maureen Volpe, Adjunct Instructor, Computer Art/Visual Arts/Graphic Design

Malve Vonhassell, Adjunct Instructor, Occupational Therapy

Brian Vorwald, Adjunct Associate Professor, Earth and Space

Erika Votruba-Reuter, Adjunct Professional Assistant 2, Visual Arts

Chance Vought, Adjunct Instructor, Biology

Matthew Vriends, Adjunct Instructor, Biology

James Vulpi, Adjunct Instructor, Interdisciplinary Studies

W

Eric Wagner, Adjunct Instructor, Communications

Nancy Wagner, Adjunct Assistant Professor, College Seminar/Mathematics

Robert Waldinger, Adjunct Professional Assistant 1, Computer Science

Ruth Waldman, Adjunct Instructor, Visual Arts

Margaret Waldmann, Adjunct Instructor, English

Bruce Waldner, Adjunct Professor, Mathematics

Anne Walker, Adjunct Professional Assistant 2, Biology

Virginia Walker, Adjunct Professor, English/Business/Humanities/College Seminar

Janine Wall, Adjunct Professional Assistant 1, Administrative

Sarah Wall, Adjunct Instructor, Music

Michael Wallace, Adjunct Professional Assistant 2, Foreign Language

Maureen Wallenstein, Adjunct Professional Assistant 2, Computer Lab

Patricia Walsh, Adjunct Assistant Professor, College Seminar/Reading

Richard Walsh, Adjunct Assistant Professor, English

Arthur Walter, Adjunct Associate Professor, Business

Joseph Walter, Adjunct Associate Professor, History

Richard Walters, Adjunct Assistant Professor, Computer Science

Deli Wang, Adjunct Instructor, Oceanography

David Warasila, Adjunct Professional Assistant 1, Physics

Karen Ward-Saunders, Adjunct Professional Assistant 2, Biology

Robert Washburn, Adjunct Professional Assistant 1, Mathematics

Thomas Wasik, Adjunct Instructor, Visual Arts

Ranelle Wayne, Adjunct Instructor, Visual Arts/Interior Design

Roberta Weber, Adjunct Instructor, Nursing

Richard Weeks, Adjunct Assistant Professor, College Seminar/History

Diane Weid, Adjunct Instructor, Physical Education

Kari Weidenburner, Adjunct Professional Assistant 1, Physical Education/Health Careers

Christine Weidt, Adjunct Instructor, Nursing

Adam Weinreb, Adjunct Professional Assistant 1, Mathematics

Eric Weinstein, Adjunct Instructor, Accounting

Doretta Weintraub, Adjunct Assistant Professor, Sociology

Arlene Weisman, Adjunct Associate Professor, Psychology/Sociology

Larry Weiss, Adjunct Associate Professor, Psychology/Health Careers

Marion Weiss, Adjunct Associate Professor, Communications

Meri Weiss, Adjunct Instructor, English

Carlton Welch, Adjunct Instructor, Library

Daniel Welden, Adjunct Assistant Professor, Visual Arts

Toni Welkes, Adjunct Instructor, Reading

Barbara Welles, Adjunct Instructor, English as a Second Language

Susan Wentworth, Adjunct Associate Professor, Theatre/Communications

Suzanne Wenz, Adjunct Assistant Professor, Chemistry

Robert Werner, Adjunct Professor, Biology

Felicita Wetter, Adjunct Assistant Professor, Visual Arts/College Seminar

Dayna Whaley, Adjunct Professional Assistant 1, Administrative

Judith Whitbeck, Adjunct Associate Professor, History

Donna White, Adjunct Assistant Professor, Communications

Gilda White, Adjunct Professional Assistant 2, English/Reading

John White, Adjunct Professional Assistant 1, Engineering/History

Joyce White, Adjunct Instructor, English

Robert White, Adjunct Professional Assistant 1, Physical Education

William White, Adjunct Assistant Professor, Biology

Thomas Whiten, Adjunct Instructor, Mathematics

Juliann Whitman, Adjunct Instructor, Mathematics

William Whitnum, Adjunct Instructor, Radio and Television
 Kyle Powy Whyte, Adjunct Instructor, Philosophy
 Linda Wicks, Adjunct Assistant Professor, Anthropology/Sociology
 Judith Wiegand, Adjunct Assistant Professor, Mathematics
 Russell Wiener, Adjunct Instructor, Philosophy
 Peter Wigg, Adjunct Associate Professor, College Seminar/Psychology/Student Affairs
 Virginia Wilch, Adjunct Assistant Professor, Computer Science/Business
 Brenda Wilder, Adjunct Professor, Biology
 Richard Wilkins, Adjunct Associate Professor, Occupational Therapy, Communications
 Alison Williams, Adjunct Assistant Professor, English as a Second Language
 Judith Williams, Adjunct Assistant Professor, Mathematics
 Kenneth Williams, Adjunct Instructor, Criminal Justice
 Thomas Williams, Adjunct Instructor, Visual Arts
 Susan Willie, Adjunct Instructor, Nursing
 Robert Wilson, Adjunct Instructor, Business
 Lyle Wind, Adjunct Professional Assistant 1, College Seminar/Political Science
 Vincent Winn, Adjunct Professional Assistant 1, Culinary
 Fletcher Winston, Adjunct Instructor, Sociology
 Jacquelin Wolf, Adjunct Assistant Professor, College Seminar/Student Affairs
 Russell Wolf, Adjunct Instructor, Mathematics
 Kenneth Wolk, Adjunct Assistant Professor, Humanities
 Yolande Wong Sing, Adjunct Instructor, Mathematics
 Blas Wright, Adjunct Instructor, Mathematics
 Robert Wurm, Adjunct Assistant Professor, Computer Science
 Rita Wyatt, Adjunct Professional Assistant 1, Health Careers
 Jeanharry Xavier, Adjunct Professional Assistant 1, Mathematics

Y

Shu-Hui Yang, Adjunct Professional Assistant 1, Foreign Language
 Maryalice Yens, Adjunct Instructor, Mathematics
 Choon Yi, Adjunct Professional Assistant 1, Visual Arts
 Phyllis Young, Adjunct Instructor, Student Affairs
 Robert Young, Adjunct Assistant Professor, History
 Yih Jin Young, Adjunct Instructor, Sociology
 Lisa Young-Hession, Adjunct Assistant Professor, Student Affairs/College Seminar

Z

Patricia Zackman, Adjunct Professional Assistant 1, Nursing
 Debra Zaech, Adjunct Assistant Professor, Psychology
 John Zaher, Adjunct Instructor, Political Science
 Danielle Zahm, Adjunct Instructor, English
 Frank Zaleski, Adjunct Instructor
 William Zambriski, Adjunct Professional Assistant 1, Computer Science
 Michael Zartler, Adjunct Instructor, History
 Mary Zatorski, Adjunct Instructor, College Seminar
 William Zeidler, Adjunct Instructor, Physics
 Jeffrey Zeisler, Adjunct Assistant Professor, Biology
 Patricia Zembreski, Adjunct Instructor, Nursing
 Margaret Zeuschner, Adjunct Instructor, Visual Arts
 Emil Zitvogel, Adjunct Assistant Professor, Electrical Engineering
 Scott Zotto, Theatre
 John Zuccarelli, Adjunct Assistant Professor, Mathematics
 Valerie Zuccarelli, Adjunct Instructor, Biology
 Martin Zucker, Adjunct Professor, Physics
 Laurence Zuckerman, Adjunct Instructor, Accounting
 Martha Zukosky, Adjunct Instructor, Interior Design
 Ann Zulkosky, Adjunct Instructor Oceanography

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College

BUSINESS ADVISORY COUNCIL

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Tim McHeffey, Associate Professor of Business Administration, Suffolk County Community College
Kevin McNamara, Associate Professor of Business Administration, Suffolk County Community College
Alphonse Ruggiero, Academic Chair of Accounting/Business Administration, Professor of Accounting, Suffolk County Community College
Kathie Rogers, C.P.A., Associate Professor of Accounting, Suffolk County Community College
Steve Saltzman, Assistant Academic Chair of Accounting/Business Administration, Professor of Business Administration, Suffolk County Community College

NURSING

- Kathy Bratby, R.N., M.S., Coordinator of Clinical Placements, State University of New York at Stony Brook
Anne Byrne, R.N., M.S., Director of Education, Special Projects, Northport Veterans Administration Medical Center
Marsha Deckman, R.N., Nurse Education Specialist, Central Suffolk Hospital
Theresa DiCamillo, R.N., Suffolk County Community College Class of 2004
Peg Duffy, R.N., M.S., Director of Department of Clinical Education, University Hospital at Stony Brook
Robin Farr, R.N., Suffolk County Community College Class of 2004
Doris Freese, R.N., School Nurse, Suffolk County Community College

- Barbara Gibbons, R.N., In-Service Education, St. Catherine's of Siena
Patricia Gilbert, R.N., Nurse Recruiter, University Hospital at Stony Brook
Maxine Haughton, R.N.C., Gurwin Jewish Geriatric Center
Patti Hennessy, R.N., Director of Patient Services, Good Samaritan Home Health Agency
Karen Irwin, R.N., M.S., Director of Nursing, St. James Nursing Center
Florence Jerdan, R.N., Ph.D., Assistant Professor of Nursing, St. Joseph's College
Margaret Kelly, M.A., R.N., In-Service Coordinator, Long Island Veteran's Home, State University of New York at Stony Brook
Linda LaBanch, R.N., M.S., Associate Director, Department of Education and Research, Brookhaven Memorial Hospital
Anna Law, R.N., Director of Nursing, Central Suffolk Hospital Skilled Nursing Facility
Lisa Meyer, R.N., Good Samaritan Hospital
Eleanor O'Boyle, M.A., R.N.C., Assistant Vice President for Education, John T. Mather Memorial Hospital
Florence Oldacre, R.N., M.S. Director of Nursing, Gurwin Jewish Geriatric Center
Trudy Pestanio, R.N., Director of In-Service Education, John J. Foley Skilled Nursing Facility
MaryBeth Petraco, M.S., C.P.N.P., Patient Care Division, Kellum Education Center
Diane Peyser, R.N., M.S., Director of Staff Development, Huntington Hospital
Diane Reilly, R.N., A.D., Good Samaritan
Marta Santiago-Jones, R.N., Director of Nursing Education, Southampton Hospital
Arleen Steckel, Ph.D., R.N.C., C.P.N.F., Assistant Dean, Clinical Placements; Clinical Associate Professor, State University of New York at Stony Brook
Marilyn Fiasconaro, R.N., Director of Nursing Education, Good Samaritan Hospital Medical Center
Sandy Talbot, R.N., M.S., Supervisor, Staff Development, Southside Hospital
Maxine Wofse, R.N., M.A., Vice President, Chief Executive Nurse, Brookhaven Memorial Hospital
Ann Werle, R.N., M.S., Nurse Educator, Northport Veterans Administration Medical Center

Ammerman Campus

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- John Capela, Consultant, Cade International,
College Instructor
- Vincent Consorti, Jr., Vice President, Citibank
- Frank Faber, C.P., Faber and Skinnon, CPAs
- Susan Farrell, Human Resource Management
- James Forrer, C.P.A.
- Kathleen Galgano, Manager, Worldwide
Education, Symbol Technology
- Lorraine McCormack, Entrepreneur
- Helen P. McEntire, Internal Auditor, Department
of Audit and Control, Suffolk County;
Adjunct Associate Professor of Accounting,
Suffolk County Community College
- Tim McHeffey, Associate Professor of Business
Administration, Suffolk County Community
College
- Kevin McNamara, Associate Professor of
Business Administration, Suffolk County
Community College
- Alphonse Ruggiero, Academic Chair of
Accounting/Business Administration,
Professor of Accounting, Suffolk County
Community College
- Steve Saltzman, Assistant Academic Chair
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Pontiac
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- Tim Gilley, Service Manager, Karp Buick Saab
- Dan Gippert, NE Region Area Service Manager,
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- Tony Greco, Automotive Technology, BOCES
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- Brian Harrison, Automotive Instructor, L.A.
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- Lorraine Heinicke, NE Region Area Service
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- Joseph Imperial, Instructor of Automotive
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- Anthony Levins, Northeast Regional Area
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Cindy Grob, Import Specialist, U.S. Customs

Richard Haeg, Private Investigator

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Jane Shearer, Associate Dean for Academic Affairs, Suffolk County Community College

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Janine Campisi DiNatale, Creative Director, Simbrom Campisi & Associates

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Henri Leib, Art Director, Atomic Graphics

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Rusty Tyler, Art Director, Cornell Cooperative Extension

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Joseph L. Cerbone, JLC Landscaping

Scott Clark, Cooperative Extension Suffolk County

Tom and Charles Germano, Green Island Distributors

Craig Kawasaki, Kawasaki Greenhouse

Jeffrey Kito, Nursery and Landscaping

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Cindy Foti, Interior Designer-Proprietor

Eileen Owens, Interior Designer, Ethan Allen

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Nick Vero, Architect-Proprietor

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Student President, American Society for Interior Designers

Grant Campus

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- Mark Eply, Director, Seafield Center, Inc.
- Kevin Gabrielli, Director of Intake and
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- Julie Hernandez, Long Island Regional
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- Joseph Martino, Supervisor, Accesso
- John Norcott, Program Coordinator, St.
Catherine's Hospital CD Treatment
- Ed Olsen, Project Director, EAC
- Juanita Polinaire, C.K. Post Alcoholism
Treatment Center, Pilgrim Psychiatric Center
- Thomas Ponte, Assistant Director, Suffolk
County Department of Alcohol and
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- Robert de Zorzi, Academic Chair of Social
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- MaryAnne Ellinger, Director of Business Affairs,
Suffolk County Community College Association
- Terri Glatzer, Director, Grant Campus Children's
Learning Center (Kids' Cottage), Suffolk
County Community College
- Darlene Hochman, Ammerman Campus
Academic Chair of Health and Human
Services and Coordinator of Early
Childhood Education, Professor of Early
Childhood Education, Suffolk County
Community College
- Kimberly Kennedy, Parent Representative
- Meryl S. Rogers, Associate Dean of Student
Services, Suffolk County Community
College
- Judith Taxier-Reinauer, Professor-Counselor,
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- Dr. Michael Weissberg, Director of Counseling/
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- Kevin Bozza, M.P.H., R.H.I.T., C.P.H.Q., Director
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- Tracy D'Ericco, R.H.I.A., Director of Health
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Siena Medical Center
- Christine Edwards, R.H.I.A., Director of Health
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Hospital, Stony Brook
- Sandra Franco, R.H.I.T., Director of Health
Information Management, Brookhaven
Memorial Hospital Medical Center
- Eileen S. Geis, R.N., C.T.R., B.A., Long Term
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Facility
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Hospital and Rehabilitation Center
- Peter Micallef, M.L.S., R.H.I.A., C.C.S., C.C.S.-
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Technology, Molloy College
- Fran Prato, R.H.I.T., Health Information
Management Consultant
- Deborah Stube, R.H.I.A., Health Information
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- Lisa E. Hubbs, M.S., OTR/L, Advisory
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Fieldwork Coordinator and Instructor of
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Hospital
- Gary Cassidy, OTR, LIDDSO/Mill Neck School
- Joyce Catalano, OTR, Little Lamb Therapeutic
Day Care
- Kimberly DeCanio, COTA, graduate of Suffolk
County Community College
- Ed Diaz, OTR/L, New Interdisciplinary School
- Richard Engel, OTR/L, Occupational Therapy,
Long Island State Veterans Home
- Allen Fuchs, OTR/L, Oak Hollow Nursing
Center
- Kim Hagstrom, Senior OTR, Acting Chief,
Green House, Pilgrim Psychiatric Center
- Barbara Heim, OTR
- Lisa Landau, M.S., OTR

Valerie M. Mace, PT, Kids in Action of LI Pride Professional Center

Valerie Miele, graduate of Suffolk County Community College

Nick Morlati, CSI Therapies

Claire Salant, New Interdisciplinary School

Student member, Occupational Therapy

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Dennis Casey, MAZ Optical

William C. Folsom, Jr., O.D., Brunell Southdown Optical

Nick Geraci, Brentwood Ross High School, Sonderling Center Guidance Suite

Jay Graber, Tri-Supreme Optical, Inc.

Paula Grandin, Davis Vision

Randi Jaburek, Moss Optical

Jeffrey Martin, O.D., North Shore Eye Care

Ray Martinez, Deer Park High School

Elliot Roth, O.D., Program Coordinator and Associate Professor of Ophthalmic Dispensing, Suffolk County Community College

Andrew Polan, Vision World

Theodore Topol, Vision World Optical

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Caroline Murray, Licensed Veterinary Technician

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John Salig, Biomedical Research

Patricia Ann Wagner, Unaffiliated Member



SCCC Alumna Profile

Yvonne Ward, Class of 2005 Occupational Therapy Assistant

As a Trans World Airlines (TWA) flight attendant for 31 years, Yvonne Ward saw an endless stream of refugees escaping on planes from wars in different parts of the world. As she witnessed the joy and suffering of the diverse peoples of the planet, she says, she always tried to give comfort and encouragement. In 2003, she decided she would rather “help people at a higher level although at a somewhat lower altitude” and embarked on a career in occupational therapy.

With a recently earned bachelor’s degree in Community Health Education from York College (CUNY), the Brooklyn resident enrolled in SCCC’s Occupational Therapy Assistant program and graduated in January 2005 with an Associate of Science degree. A member of Phi Theta Kappa, Yvonne found SCCC’s superior library services and computer lab facilities to be especially helpful with her course work.

As part of her degree requirements, Yvonne also gained valuable hands-on experience through internships at St. Charles Hospital in Port Jefferson, Stony Brook University Hospital, Alternatives for Children in Stony Brook, Grace Plaza Comprehensive Care Center in Great Neck, and St. Catherine of Siena Nursing Home in Smithtown. In these settings, she worked with individuals facing problems resulting from developmental and physical disabilities, psychological impairment and aging.

Since graduating, Yvonne’s professional experience has been diverse. Currently, she is a contract therapist at the H.G. Birch Early Childhood Center in New York, where she provides services to pre-school age children with physical disabilities. She is also a per diem therapist at Millennium Rehabilitation Services in Brooklyn, which provides therapy services to hospitals, nursing homes and schools, and at All Care Inc., in Queens, where she works with pre-school pediatric patients.

“The sensitivity, patience and understanding required of occupational therapists have always been some of my own strongest assets,” says Yvonne. “Suffolk helped me apply all of these qualities to my work and also gave me a solid education that included knowledge, hands-on skills, and support from the faculty.”

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DIRECTORY OF COLLEGE SERVICES

[area code for all numbers is 631]

	<i>Ammerman Campus</i>	<i>Eastern Campus</i>	<i>Grant Campus</i>
Academic Advisement	451-4056	548-2527	851-6251
Academic Computing Lab	451-4211	548-2612	851-6556
Academic Skills Center/Tutoring	[<i>See Learning Centers below</i>]	548-2594	851-6795
Admissions	451-4022	548-2512	851-6719
Adult Learner Programs	451-4696	451-4696	451-4696
Alumni	451-4630	451-4630	451-4630
Athletics/Intercollegiate Sports	451-4380	548-2522	851-6706
Bookstore	451-4379	548-2554	851-6768
Business Office/Cashier	451-4086	548-2545	851-6730
Cafeteria	451-4378	548-2534	851-6759
Campus Activities/Clubs	451-4375	548-2522	851-6702
Career Services/Cooperative Education	451-4049	548-2527	851-6876
Children's Learning Center (child care)	451-4388	N/A	434-1363
College Success Program	451-4355	548-2527	851-6712
Continuing Education (non-credit courses)	451-4114	451-4114	451-4114
Cooperative Education/Internships	451-4049	548-2527	851-6876
Corporate Training (non-credit)	851-6200	851-6200	851-6200
Counseling Center	451-4053	548-2527	851-6250
Credit for Prior Learning (life experience)	451-4696	451-4696	451-4696
Developmental Studies	451-4146	548-2527	451-4058
Disability Services	451-4045	548-2524	851-6250
Distance Learning/Online Courses	451-4091	451-4588	451-4588
Educational Opportunity Program (EOP)	451-4356	548-2527	851-6707
E-mail Accounts for Students	451-4004	548-2612	851-6556
Emergency Public Safety	451-4242	548-3636	851-6777
Employment on Campus			
Administration and Faculty	451-4207	451-4207	451-4207
Clerical/Civil Service/College Aide	451-4207	548-2546	851-6733
Work-Study	451-4072	548-2672	851-6712
English as a Second Language (ESL)	451-4707	548-2645	851-6519
Entrepreneurial Assistance (EAP)	851-6206	851-6202	851-6206
Financial Aid	451-4072	548-2525	851-6712
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General Information	451-4110	548-2500	851-6700
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Note: See pages 13, 14, 16 and 17 for central and campus administration and academic phone numbers.

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Honor Societies	451-4375	548-2522	851-6833
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Identification Cards (IDs)	451-4004	548-2605	851-6777
In Case of Accident	451-4047 451-4242	548-2510 548-3636	851-6709 851-6777
Insurance for Students	451-4047	548-2510	851-6709
Learning Centers/Tutoring			
Math	451-4002	[See Academic Skills Center Above]	851-6795
Reading	451-4162		
Writing	451-4150		
Legal Affairs Office	451-4705	451-4705	451-4705
Library	451-4170	548-2536	851-6740
Lost and Found	451-4242	548-3636	851-6889
Multicultural Affairs	451-4816	548-2634	851-6341
Non-Credit (Corporate Training)	851-6200	851-6200	851-6200
Non-Credit Courses (Continuing Education)	451-4114	451-4114	451-4114
Part-Time Jobs on Campus	451-4049	548-2672	851-6712
Physical Plant/Maintenance	451-4135	548-2568	851-6793
Placement Testing	451-4056	548-2527	851-6250
Public Safety	451-4242	548-3636	851-6777
Public Safety Office	451-4584	548-3636	851-6889
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Sports and Exhibition Complex	N/A	N/A	851-6900
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Student Government	451-4324	548-2581	851-6277
Student Newspaper	451-4395	548-3623	851-6705
Student Publications	451-4396	548-3623	851-6705
Student Support Services	451-4693	548-2527	851-6778
TDD/TTY for the Deaf	451-4041	548-2699	851-6255
Theatre	451-4163	548-2522	851-6589
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Note: See pages 13, 14, 16 and 17 for central and campus administration and academic phone numbers.

SUFFOLK AT A GLANCE

(continued from inside front cover)

Athletics: Intercollegiate sports (Division III of the National Junior College Athletic Association – NJCAA)
Men: baseball, basketball, bowling, cheerleading, cross country, golf, lacrosse, soccer, swimming, tennis
Women: basketball, bowling, cheerleading, cross country, softball, swimming, soccer, tennis, volleyball
Intramural sports

**Student Services/
Student Life:** Educational, Career, Transfer and Personal Counseling
Services to Students with Disabilities
Career Services, Cooperative Education, Internships, Job Placement
Children’s Learning Centers (child care)
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
Assigned Faculty Advisor
Library Open 7 Days a Week

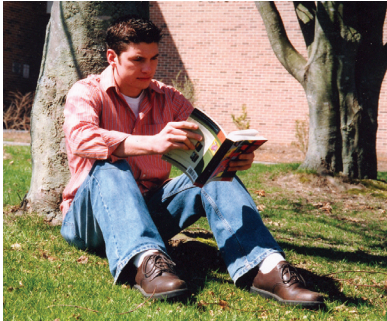
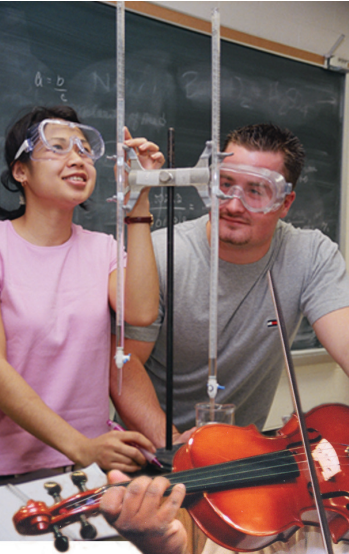
And More... Small Class Size Averaging 23 Students
Low Student/Faculty Ratio of 17:1
Accessible Faculty
Honors Program
Special Programs for Returning Adult Students
English as a Second Language (ESL) Program
Transfer Opportunities
Joint Admission Agreements
Unified Transfer Programs of Study
Co-op/Internship Programs
One of the leading community colleges in the nation in producing Phi Theta Kappa
All-USA Academic Team members

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Suffolk

COUNTY COMMUNITY COLLEGE

CATALOG 2006-2008



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