

# CATALOG 2004-2006



**Suffolk**  
COUNTY COMMUNITY COLLEGE

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 (opened 1961)  
Eastern at Riverhead (opened 1977)  
Grant at Brentwood (opened 1974)
- 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  
453 full-time faculty; 1,197 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) – \$3,152; books and supplies – \$850 (as of fall 2003)
- Financial Aid:** SCCC awards more than \$23 million in federal and state financial aid to more than 9,000 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

*more information on inside back cover*



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*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, religion, sex, age, disability, or veteran or marital status. Compliance office: Executive Assistant to the President, Norman F. Lechtrecker Building, Ammerman Campus, 631-451-4118.





## YOUR SUCCESS STARTS AT SUFFOLK

BY DR. SHIRLEY ROBINSON PIPPINS, PRESIDENT

There are so many reasons why Suffolk 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.

We offer over 69 degree programs, from liberal arts and business to graphic arts, veterinary science, engineering and technology, health and human services, nursing, education, computer

technology and communications, to name only a few. Each member of our distinguished faculty shares a very important trait—a dedication to excellence in teaching. Since class sizes are small, our professors are able to give focused attention to helping their students succeed.

Traditionally many of our graduates continue on to four-year institutions. We have transfer and joint admission 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. Education is critical for building strong families, vibrant communities and skilled workers. Over a lifetime, graduates with two-year degrees have average earnings of \$250,000 more than people without degrees. And students who take non-credit and workforce training courses produce more, earn more, save more and spend more over their lifetimes.

Whether you are starting your education, seeking to advance in your current job, or transitioning into another career, SCCC is your resource for the very best programs, instruction and student support services. Our campus locations in Selden, Riverhead and Brentwood, along with flexible scheduling, 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 the 400 students currently enrolled in our Honors Program, 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 needs.

All of this adds up to a value-added proposition worth consideration by every student.

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



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# Academic Calendar 2004-2005

## Fall 2004

August 24	Tuesday	Late registration period begins to phase in*
August 30	Monday	Faculty and department meetings
August 31	Tuesday	Day classes begin
September 6	Monday	Labor Day: no classes
September 7	Tuesday	Evening classes begin**
September 11-12	Sat./Sun.	Weekend classes begin
September 15	Wednesday	Rosh Hashanah: day classes meet; no evening classes
September 16	Thursday	Rosh Hashanah: no classes
September 17	Friday	Rosh Hashanah: no day classes; evening classes meet
September 24	Friday	Yom Kippur: day classes meet; no evening classes
September 25	Saturday	Yom Kippur: no classes
October 11	Monday	Columbus Day: day classes meet as scheduled; no evening classes
October 12	Tuesday	Thursday day and evening classes meet instead of Tuesday day and evening classes
November 2	Tuesday	Election Day: Thursday day and evening classes meet instead of Tuesday day and evening classes
November 3	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
November 8	Monday	Priority registration for spring 2005 begins
November 11	Thursday	Veterans Day: no classes
November 24	Wednesday	Friday day classes meet; no evening classes
November 25-28	Thurs.-Sun.	Thanksgiving recess
November 29	Monday	Classes resume
December 12	Sunday	Last meeting of Sunday classes
December 18	Saturday	Last meeting of Saturday classes
December 19	Sunday	Weekend make-up date, if necessary***
December 21	Tuesday	Last meeting of day classes
December 22	Wednesday	Last meeting of evening classes; make-up date for day classes, if necessary***
December 23	Thursday	Make-up date, if necessary***

## Wintersession 2004-2005

December 20	Monday	Late registration period begins*
December 27	Monday	Classes begin
January 4	Tuesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
January 13	Thursday	Last meeting of classes
January 14-15	Fri.-Sat.	Make-up dates, if necessary***

## Spring 2005

January 18	Tuesday	Late registration period begins to phase in*
January 24	Monday	Day classes begin
January 29-30	Sat.-Sun.	Weekend classes begin
January 31	Monday	Evening classes begin**
February 4	Friday	Friday evening classes begin**
February 21	Monday	Presidents Day: no classes
March 21	Monday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
March 25	Friday	Spring recess begins
April 2	Saturday	Classes resume
April 6	Wednesday	Priority registration for fall 2005 begins
April 24	Sunday	Passover: no classes
May 7	Saturday	Last meeting of Saturday classes
May 14	Saturday	Weekend make-up date, if necessary***
May 17	Tuesday	Friday day and evening classes meet instead of Tuesday day and evening classes; last meeting of day and evening classes
May 18-20	Wed.-Fri.	Make-up dates, if necessary***
May 22	Sunday	Commencement

## First 5-Week Summer Day/Evening Session 2005

May 24	Tuesday	Late registration period begins*
May 31	Tuesday	Classes begin
June 15	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
June 30	Thursday	Last meeting of classes

## Second 5-Week Summer Day/Evening Session 2005

June 28	Tuesday	Late registration period begins*
July 5	Tuesday	Classes begin
July 20	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
August 4	Thursday	Last meeting of classes

## 8-Week Summer Day/Evening Session 2005

May 24	Tuesday	Late registration period begins*
May 31	Tuesday	Classes begin
June 27	Monday	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 21	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 2005-2006

## Fall 2005

August 23	Tuesday	Late registration period begins to phase in*
August 29	Monday	Faculty and department meetings
August 30	Tuesday	Day classes begin
August 31	Wednesday	Evening classes begin**
September 5	Monday	Labor Day : no classes
September 10-11	Sat./Sun.	Weekend classes begin
October 3	Monday	Rosh Hashanah: day classes meet; no evening classes
October 4-5	Tues./Wed.	Rosh Hashanah: no classes
October 12	Wednesday	Yom Kippur: day classes meet; no evening classes
October 13	Thursday	Yom Kippur: no classes
October 31	Monday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
November 7	Monday	Priority registration for spring 2006 begins
November 11	Friday	Veterans Day: no classes
November 22	Tuesday	Friday day classes meet instead of Tuesday day classes; no evening classes
November 23	Wednesday	Thanksgiving recess begins after last day class; no evening classes
November 28	Monday	Classes resume
December 21	Wednesday	Last meeting of evening classes
December 22	Thursday	Last meeting of day classes; evening make-up date, if necessary***
December 23	Friday	Make-up date, if necessary***

## Wintersession 2005-2006

December 20	Tuesday	Late registration period begins*
December 27	Tuesday	Classes begin
January 2	Monday	New Year's Day celebrated: no classes
January 4	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
January 13	Friday	Last meeting of classes
January 14	Saturday	Make-up date, if necessary***

## Spring 2006

January 14	Saturday	Late registration period begins to phase in*
January 21-22	Sat.-Sun.	Weekend classes begin
January 23	Monday	Day classes begin
January 30	Monday	Evening classes begin**
February 20-21	Mon.-Tues.	Mid-Winter recess: no classes
March 20	Monday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
March 27	Monday	Priority registration for fall 2006 begins
April 10	Monday	Spring recess begins
April 17	Monday	Classes resume
May 6-7	Sat.-Sun.	Last meeting of weekend classes
May 13-14	Sat.-Sun.	Weekend make-up dates, if necessary***
May 16	Tuesday	Last meeting of day and evening classes
May 17-19	Wed.-Fri.	Make-up dates, if necessary***
May 21	Sunday	Commencement

## First 5-Week Summer Day/Evening Session 2006

May 23	Tuesday	Late registration period begins*
May 30	Tuesday	Classes begin
June 14	Wednesday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
June 29	Thursday	Last meeting of classes

## Second 5-Week Summer Day/Evening Session 2006

June 28	Wednesday	Late registration period begins*
July 5	Wednesday	Classes begin
July 20	Thursday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
August 4	Friday	Last meeting of classes

## 8-Week Summer Day/Evening Session 2006

May 23	Tuesday	Late registration period begins*
May 30	Tuesday	Classes begin
June 26	Monday	Mid-semester: students who submit a course withdrawal form on or before this date are guaranteed a grade of "W"
July 4	Tuesday	Independence Day: no classes
July 20	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



# 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.

Suffolk County Community College is currently the largest community college in the State University of New York (SUNY) system,

enrolling 22,450 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 2003 the college had graduated more than 75,000 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 6,650 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 Background

Suffolk County Community College was established and is sponsored by the County of Suffolk, pursuant to the provisions of New York State Education Law, and operates under the policies of the Board of Regents and the supervision of the State University of New York.

Spread over an extensive geographic area with water on three sides, Suffolk County encompasses rural and urban lifestyles and a variety of economies that include farming and high technology. The county is home to a wide variety of socioeconomic and ethnic groups.

## College Philosophy

Suffolk County Community College is guided by the philosophy that all students should have the opportunity to realize their highest potential for individual human development – intellectually, socially, culturally, physically and personally. The college believes in encouraging students to come to an understanding of themselves, their society, the physical world, and the lifelong nature of learning itself, and to act upon that understanding and enjoy an enlightened and fulfilling life.

## Commitments

In order to accomplish this mission, the college has established comprehensive educational services with the following commitments. A program of institutional assessment will lead to periodic reviews of these commitments and to the ordering of them among the college's priorities.

### A. General

1. To offer programs and services that fulfill the educational needs of the residents of Suffolk County.

2. To provide access without regard to race, color, creed, gender, age, marital status, sexual orientation, national origin or disability, and to encourage those students who might otherwise be unable to pursue a college education.

3. To assure financial access to the residents of Suffolk County through reasonable tuition charges and through institutionally sponsored fund raising efforts in support of both merit and need-based scholarships.

4. To provide appropriate learning resource instructional programs and resources designed to support the curricula and to encourage student research projects and personal interests.

5. To provide comprehensive student services designed to enhance the college's cultural, social and aesthetic environment in ways that support the growth and development of all its members.

6. To maintain a program of professional development for administrators, faculty and staff.

7. To encourage applied research that identifies ways to enhance and enrich the teaching-learning environment.

8. To offer programs and services that respond to the ever-changing needs of business, government and community organizations and to support economic development activities in Suffolk County.

9. To provide educational experiences in physical settings and with state-of-the-art equipment that is conducive to student achievement, and to assure full compliance with the Americans with Disabilities Act (ADA).

### B. Degree/Certificate Programs

1. To structure the curricula of the college so that each program includes courses which

- develop oral and written communication skills;
- encourage thinking skills and creativity;
- foster appreciation for scientific methodology;
- promote an understanding of self, nature and society and its historical context, and a heightened awareness of personal, social and aesthetic values;
- enhance occupational skills; and
- encourage physical fitness.

2. To provide associate degree programs designed to serve students who wish to transfer to a four-year college or university.

3. To offer occupational and/or vocational associate degree programs that prepare students for immediate employment.

4. To offer certificate programs designed to serve students who wish to learn new skills or upgrade current skills.

5. To offer developmental and basic skills programs which enable students to achieve the proficiency required to succeed in a collegiate environment.

6. To provide a range of academic experiences to challenge students at various stages of intellectual development.

### C. Community Service/Continuing Education

1. To provide lifelong educational experiences for county residents related to their job development, leisure activities, civic responsibilities and physical well-being.

2. To provide public service activities including workshops, community forums and cultural enrichment programs.

3. To cooperate with other community/governmental agencies to enhance the quality of life in Suffolk County.

4. To serve as a social, intellectual and recreational resource to Suffolk County residents.

### Campus Role and Scope

Each campus serves the educational needs of its respective geographic area within the county, offering unique programs when and where appropriate. Together the three campuses and the Sally Ann Slacke Corporate Training Center provide those programs which fulfill the commitments of the college and serve the educational needs of the entire county.

## 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 Commission on Higher Education of the Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA 19104, (215) 662-5606. 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 of Allied Health Education Programs in cooperation with the Council on Accreditation of the American Health Information Management Association.

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

Library information resources, instruction and services are available at each campus. Among the campus libraries are book collections totaling 211,000 volumes with 659 unique periodical titles. In addition, a wide assortment of audiovisual and electronic materials are available to support classroom and individual learning needs.

Library faculty are available in reference to assist students with their research projects and classroom assignments. Students are taught various search strategies and critical thinking skills which promote information literacy. A major goal is to help students gain proficiency in accessing, using and evaluating information. The three libraries offer students a one-and-a-half-credit course entitled "Research Essentials: The Library and the Internet" (LR11). In addition, the library offers a three-credit course online entitled "Library Research Methods" (LR15). A description of the content of these courses can be found under "Library Research" in the Courses section of this catalog.

Available are intercampus and interlibrary loan services which give students and faculty access to the varied resources within the college, on Long Island, in the state and beyond. The college 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 in the state.

The three campus libraries of Suffolk County Community College provide access to their college-wide library holdings through an online catalog named SCORE (Suffolk College Online Retrieval). SCORE is part of a SUNY-wide library automation initiative which includes, in addition to Suffolk collections, the collections of the following SUNY schools: College of Technology at Farmingdale, Fashion Institute of Technology, Maritime College, Nassau Community College, Old Westbury, Rockland Community College, State College

of Optometry and Purchase. The library also has recently implemented a new SUNY-wide library automated system called Aleph.

The automated library system operates on SUNYnet, the SUNY telecommunications network, which in turn provides the college with access to the Internet for worldwide information access and scholarly communication.

Library hours vary somewhat on each campus. For specific information on library hours, 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 available, 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 Power Macintosh workstations and are used primarily for the graphic design curriculum. There are three Windows-PC classrooms which serve the computing needs of the business and accounting 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 Monday-Friday from 8:00 a.m. to 10:00 p.m. and on Saturday from 9:00 a.m. to 2:00 p.m. when classes are in session. A reduced schedule is in effect during the summer and semester breaks.

There are two academic computing labs on the Grant Campus. The Saktikos computer center with over 80 computers is located within the library in the Saktikos Building. The newest lab is located in the Health, Sports and Education Building and offers 32 computers for student use. Both labs offer a Windows XP environment that is fully networked 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 Saktikos 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	Distance Learning/Online Courses	451-4656
Admissions	451-4000	Educational Opportunity Program (EOP)	451-4356
Adult Learner Programs	451-4696	Employee Resources	451-4207
Alumni Association	451-4630	Employment, Central Positions	451-4200
Associate Vice Presidents		English as a Second Language (ESL)**	851-6884
Campus Affairs	451-4110	Executive Assistant to the President	451-4118
Curriculum and Instruction	451-4101	Facilities	451-4743
Student Affairs	451-4737	Faculty Association	451-4151
Board of Trustees	451-4950	Financial Affairs	451-4236
College Associate Deans		Financial Aid	451-4108
Academic Administrative Services	451-4311	Gifts and Donations	451-4846
Business and Commercial Technologies	451-4259	Graduation	451-4011
Computer Science, Engineering and Industrial Technologies*	548-2670	Grants	451-4862
Health, Education and Human Services**	851-6761	Honors Program	451-4778
Instructional Technology	451-4588	Institutional Research	451-4214
Liberal Arts	451-4143	Library Services	451-4172
Library and Learning Resources	451-4172	Payroll	451-4206
Mathematics and Natural Sciences	451-4110	Personnel	451-4207
Professional Programming and Development**	851-6769	President	451-4112
Visual and Performing Arts**	851-6736	Publications	451-4115
College Association	732-1617	Purchasing and Accounts Payable	451-4230
College Foundation	451-4846	Registrar	451-4020
Compliance Office	451-4705	Security and Fire Safety	451-4212
Computer and Information Systems	451-4205	Sexual Harassment	451-4705
Computer Center	451-4282	Transcripts	451-4012
Continuing Education (non-credit courses and programs)	451-4892	Transfer Credit Evaluation	451-4035
Corporate Training Center**	851-6200	Vice Presidents	
Credit for Prior Learning (life experience)	451-4696	Academic and Student Affairs	451-4244
		Financial Affairs	451-4231
		Institutional Advancement	451-4846
		Legal, Planning and Information Services	451-4235
		Workforce and Economic Development	451-4776

\*located on the Eastern Campus

\*\*located on the Grant Campus

Note: See the *DIRECTORY OF COLLEGE SERVICES*  
on pages 355-356 for additional phone numbers.



**AMMERMAN CAMPUS**  
**533 College Road**  
**Selden, NY 11784-2899**

**AMMERMAN CAMPUS ADMINISTRATIVE OFFICES**  
**(area code is 631)**

General Information ..... 451-4110  
 Campus Dean ..... 451-4074  
 Associate Dean of Faculty ..... 451-4091  
 Assistant Dean of Faculty ..... 451-4330  
 Dean of Student Services ..... 451-4043  
 Associate Dean of Student Services ..... 451-4044  
 College Associate Dean for  
     Business and Commercial  
     Technologies ..... 451-4311  
 College Associate Dean for  
     Liberal Arts ..... 451-4143  
 College Associate Dean for Library and Learning  
 Resources/  
     Head Librarian ..... 451-4173  
 Administrative Director of  
     Business Affairs ..... 451-4079

**AMMERMAN CAMPUS ACADEMIC OFFICES**  
**(area code is 631)**

Academic Computing Lab ..... 451-4211  
 Accounting/Business  
     Administration ..... 451-4262  
 Automotive Technology ..... 451-4900  
 Biology ..... 451-4316  
 Communications ..... 451-4147  
 Computer Science/Information ..... 451-4274  
 Cooperative Education ..... 451-4760  
 Criminal Justice ..... 451-4336  
 Education, Health and Human  
 Services ..... 451-4299  
 Engineering/Industrial

Technology ..... 451-4274  
 English ..... 451-4158  
 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 ..... 451-4351  
 Physical Education ..... 451-4380  
 Physical Sciences ..... 451-4312  
 Psychology, Sociology  
     and Anthropology ..... 451-4336  
 Reading Center ..... 451-4162  
 Reading/College Seminars ..... 451-4158  
 Social Sciences ..... 451-4336  
 Theatre ..... 451-4164  
 TV/Radio/Film ..... 451-4619  
 Visual Arts ..... 451-4093  
 Writing Center ..... 451-4150

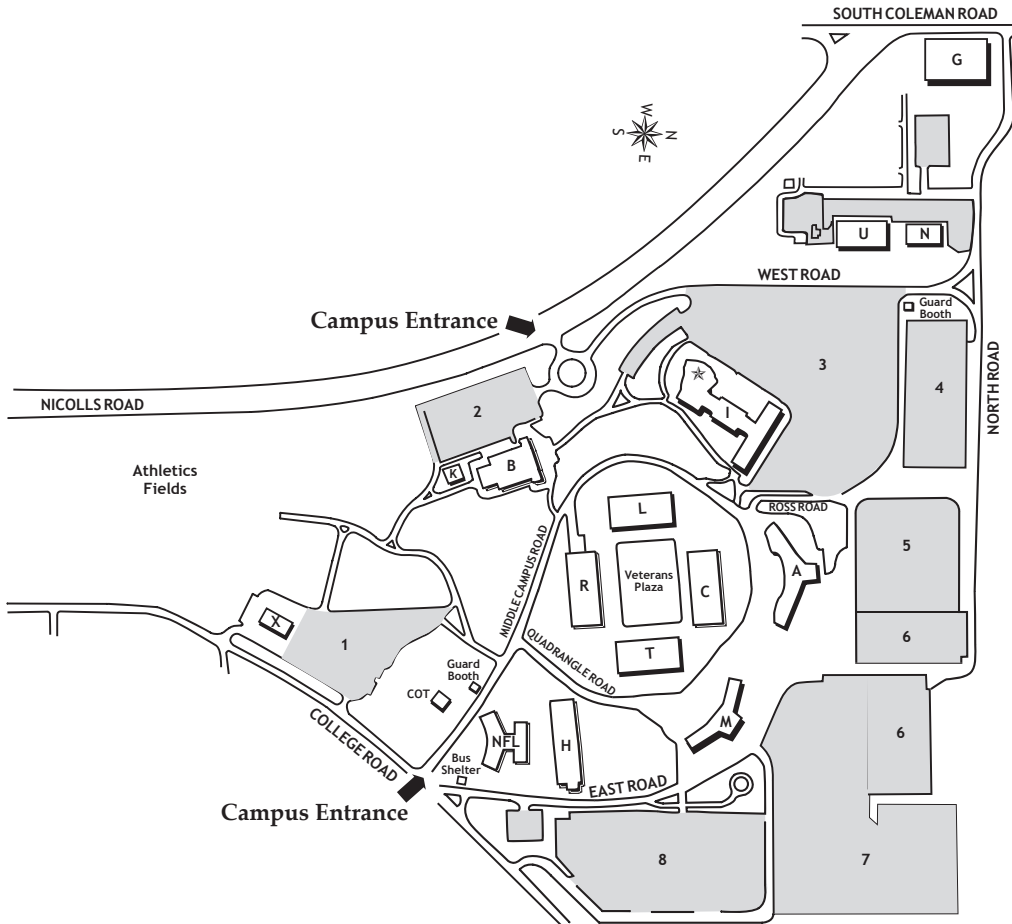
Note: See the *DIRECTORY OF COLLEGE SERVICES*  
 on pages 355-356 for additional phone numbers.

**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
- X Annex
- ★ Shea Theatre
- 1-8 Parking Fields



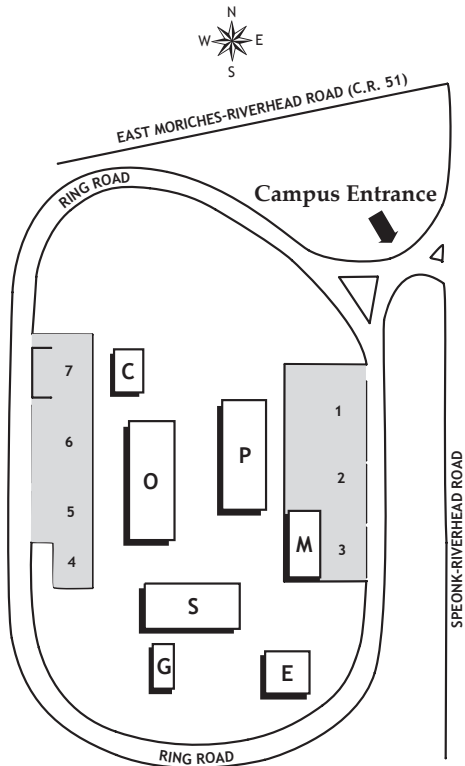
**EASTERN CAMPUS**  
 121 Speonk-Riverhead Road  
 Riverhead, NY 11901-3499

- C Minipoka Building
- E Energy Plant
- G Greenhouse
- M Montaukett Building
- O Orient Building
- P Peconic Building
- S Shinnecock Building and Public Safety
- 1-7 Parking Fields

**EASTERN CAMPUS ADMINISTRATIVE OFFICES**  
 (area code is 631)

- General Information ..... 548-2500
- Campus Dean ..... 548-2564
- Associate Dean of Student Services ..... 548-2514
- College Associate Dean for Computer Science, Engineering and Industrial Technologies ..... 548-2670
- Assistant Dean of Faculty for Humanities ..... 548-2578
- Assistant Dean of Faculty for Social Science and Business ..... 548-2586
- Campus Head Librarian ..... 548-2540
- Educational Technology Unit ..... 548-2594

Note: See the *DIRECTORY OF COLLEGE SERVICES* on pages 355-356 for additional phone numbers.



**EASTERN CAMPUS, RIVERHEAD:**

From the west, using Long Island Expressway (Rt. 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.

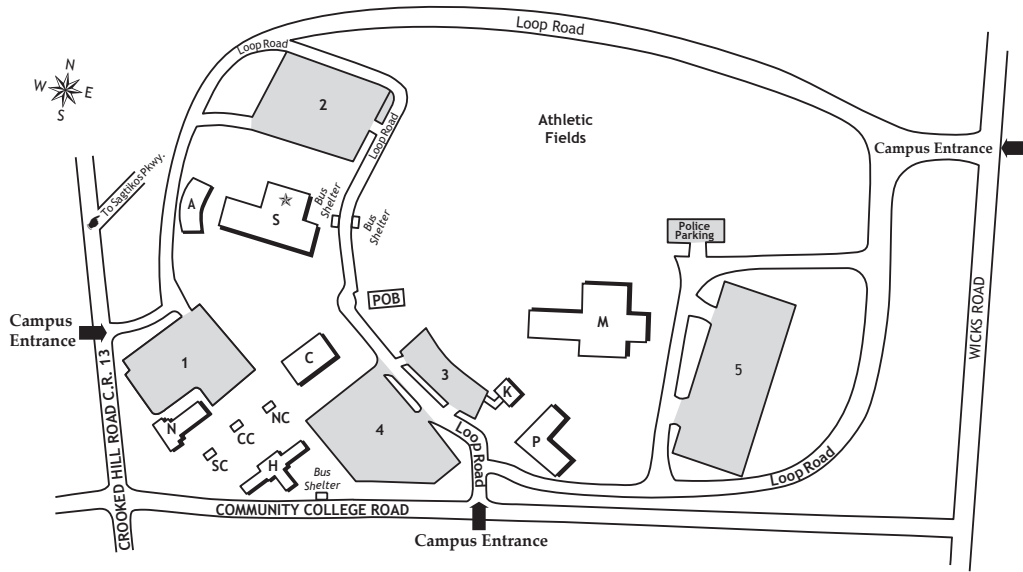
From the east on the North Fork: Follow Rt. 25 west to downtown Riverhead. At Peconic Avenue, turn left and go ¼ mile to the traffic circle. Take the first right (Rt. 24) off the traffic circle and go ¼ mile to the County Center at Rt. 51. Turn left onto Rt. 51 and go south 3 miles to Speonk-Riverhead 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.

# MICHAEL J. GRANT CAMPUS

Crooked Hill Road  
Brentwood, NY 11717-1092



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

**GRANT CAMPUS, BRENTWOOD:**  
Take the Long Island Expressway to Exit 53. 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.

**GRANT CAMPUS ADMINISTRATIVE OFFICES  
(area code is 631)**

General Information .....	851-6700
Campus Dean .....	851-6520
Associate Dean of Faculty .....	851-6762
(Mathematics, Natural and Health Sciences)	
Associate Dean of Faculty .....	851-6770
(Applied Science and Technology)	
Associate Dean of Faculty .....	851-6786
(Liberal Arts)	
Associate Dean of Student Services .....	851-6760
Campus Head Librarian .....	851-6747
College Associate Dean for Health, Education and Human Services .....	851-6761
College Associate Dean for Professional Programming and Development .....	851-6769
College Associate Dean for Visual and Performing Arts .....	851-6736

**GRANT CAMPUS ACADEMIC OFFICES  
(area code is 631)**

Academic Computer Lab .....	851-6556
Academic Skills Center .....	851-6795
(academic support services, tutoring)	
Accounting and Business Administration .....	851-6766
Communication/Arts .....	851-6536
Computer Information Systems/Office Technology .....	851-6766
English .....	851-6549
Mathematics .....	851-6569
Natural Sciences .....	851-6551
Nursing and Health Programs .....	851-6752
Physical Education .....	851-6708
Social Sciences .....	851-6548
Veterinary Science .....	851-6289/6301

Note: See the *DIRECTORY OF COLLEGE SERVICES* on pages 355-356 for additional phone numbers.

**SCCC Alumnus Profile**

**Andrew J. Brown III, Class of 1992  
Teacher**

Andrew loves teaching. Whenever one of his former students from O'Neill Elementary School in Central Islip comes back to thank him, he says it is a "Wow!" experience. He also says this would not be happening without his SCCC education.

After playing high school football at Central Islip High School, Andrew wanted a career in physical therapy when he graduated. Instead, in a "collaborative move" with his mother, he decided to teach physical education so he could give something back to the Central Islip community. He enrolled at SCCC in the Educational Opportunity Program, which brought him together with other students with his same background, and graduated with a 3.2 GPA.

When Andrew transferred to Delaware State University, he learned just how well SCCC had prepared him to earn a bachelor's degree. "Suffolk taught me how much work it takes to succeed in college," he said. "It strengthened my weaknesses and strengthened my strengths." He credits the SCCC faculty with being both friendly and demanding enough to help students become their best.

In 2001 Andrew earned a master's degree from Stony Brook University and is currently working on a second one in school district administration. In addition to teaching health and physical education on the K-6 level at O'Neill Elementary, he coaches football at Central Islip High School.

"Attending Suffolk County Community College was a great experience," says Andrew. "For students who are uncertain about what they want to do or are not ready for a four-year college, Suffolk is a much better alternative than going to work. In fact, my own children will be going there."





# Enrollment Process

The complete outlines of the Programs of Study listed in the following chart can be found on pages 92-178 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 <sup>3</sup> (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	
	Toyota Option	A	369-3	DAY	
AAS	Business Administration (Career Option)	A E G	315-1	BOTH	
AS	Business Administration <sup>3</sup> (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

<sup>1</sup> Suffolk County residents are given preference

<sup>2</sup> Preference given to applications received by January 1

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

<sup>4</sup> Recommended for students who have not yet decided on a program of study

<sup>5</sup> Preference given to applications received by June 1

Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus

*continued on next page*

	Degree	Curriculum	Campus			Code	Day/ Evening	Minimum Requirements for Entering Students
Enrollment Process	Cert	Business: Information Processing	A	E	G	418-1	BOTH	
	AAS	Business: Marketing			G	319-1	BOTH	
	AAS	Business: Office Management	A	E†	G	343-1	BOTH	
	AAS	Business: Retail Business Management	A			318-1	BOTH	
	Cert	Business: Retail Business Management	A			435-1	BOTH	
22	AAS	Chemical Dependency Counseling* <sup>2</sup>			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 <sup>3</sup>	A			203-1	BOTH	Math A and B; 2 years of science; 75 H.S. average
	AS	Criminal Justice Direct Entry From Polic Academy	A	E	G	211-1	BOTH	75 H.S. average
			A	E	G	211-2	BOTH	
	Cert	Criminal Justice: Police Administration			G	431-1		Police Academy students only
	AAS	Culinary Arts		E		394-1	DAY	
	AAS	Dietetic Technician*		E		320-1	DAY	
	AAS	Early Childhood Education	A	E	G	330-1	BOTH	
	Cert	Engineering & Technology: Computer-Assisted Drafting (CAD)* <sup>3</sup>	A			402-1	BOTH	Math A or Algebra
	AAS	Engineering & Technology: Construction Technology Architectural Technology <sup>3</sup>	A			334-1	BOTH	Math A and qualify for MA41
	AAS	Engineering & Technology: Electrical Engineering Technology <sup>3</sup>	A			301-1	BOTH	Math A and qualify for MA61
	AAS	Engineering & Technology: Telecommunications Technology Verizon Option*	A			371-1	DAY	Verizon employees
	AS	Engineering Science <sup>3</sup>	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	Regents Biology; chemistry (strongly recommended); Math A; interview
	AAS	Graphic Design*		E		365-1	DAY	

\* Curriculum begins only in September

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

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<sup>1</sup> Suffolk County residents are given preference

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<sup>5</sup> Preference given to applications received by June 1

Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus



Degree	Curriculum	Campus			Code	Day/ Evening	Minimum Requirements for Entering Students
AAS	Health Information Technology/ Medical Records <sup>*2,3</sup>			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
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	Help Desk I	A	E	G	438-1	BOTH	
Cert	Help Desk II	A	E	G	439-1	BOTH	
AAS	Horticulture			E	367-1	DAY	
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

\* 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

<sup>1</sup> Suffolk County residents are given preference

<sup>2</sup> Preference given to applications received by January 1

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

<sup>4</sup> Recommended for students who have not yet decided on a program of study

<sup>5</sup> Preference given to applications received by June 1

Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus

*continued on next page*

Degree	Curriculum	Campus			Code	Day/ Evening	Minimum Requirements for Entering Students
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 <sup>4</sup>	A	E	G	103-1	BOTH	
AA	Liberal Arts and Sciences– Humanities Emphasis <sup>3</sup>						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	A			100-5	BOTH	
	Philosophy Option	A			100-3	BOTH	
AA	Liberal Arts & Sciences– International Studies Emphasis <sup>3</sup>						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 <sup>3</sup>	A			102-1	BOTH	4 years of math including Math 12; 80 H.S. average
AS	Liberal Arts and Sciences– Science Emphasis <sup>3</sup>						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	
	Physics Option	A			200-5	BOTH	
	Earth and Space Science Option/Geology Sequence	A			200-6	BOTH	
	Earth and Space Science Option/ Meteorology Sequence	A			200-7	BOTH	
	Biotechnology Option	A			200-8	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

<sup>1</sup> Suffolk County residents are given preference

<sup>2</sup> Preference given to applications received by January 1

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

<sup>4</sup> Recommended for students who have not yet decided on a program of study

<sup>5</sup> Preference given to applications received by June 1

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–Social Science Emphasis <sup>3</sup>				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 <sup>*1,2</sup>	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 <sup>*1,2</sup>	A	308-2	DAY	LPN advanced placement; contact Ammerman Admissions Office
AAS	Nursing <sup>*1,2</sup>		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 <sup>*1,2</sup>	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 <sup>*1,5</sup>		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 <sup>*1,2</sup>		G 391-1	DAY	Math A; laboratory biology and chemistry; 80 H.S. average
AAS	Ophthalmic Dispensing (Opticianry) <sup>*2,3</sup>		G 389-1	DAY	Math A; laboratory biology; eligible for EG11 and MA27
AAS	Paralegal Studies <sup>3</sup>	A	G 333-1	BOTH	Strong reading and writing skills; Regents English; 80 H.S. average; ACT 21/ SAT 1000

\* 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

<sup>1</sup> Suffolk County residents are given preference

<sup>2</sup> Preference given to applications received by January 1

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

<sup>4</sup> Recommended for students who have not yet decided on a program of study

<sup>5</sup> Preference given to applications received by June 1

Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus

Degree	Curriculum	Campus		Code	Day/ Evening	Minimum Requirements for Entering Students
Cert	Paralegal Studies	A	G	433-1	BOTH	B.A., B.S., A.A., A.S. or A.A.S. degree or significant experience
AAS	Photographic Imaging*	E	G	372-1	BOTH	
AAS	Physical Therapist Assistant* <sup>1</sup>	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
AS	Theatre Arts Acting Sequence	A		205-2	DAY	
	Technical Theatre Sequence	A		205-3	DAY	
AAS	Veterinary Science Technology* <sup>2,3</sup>		G	390-1	BOTH	Math A; laboratory biology and chemistry; 75 H.S. average (admitted evenings in even-numbered years only)
AS	Visual Arts <sup>3</sup>	A	G	204-1	BOTH	Portfolio review

\* 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

<sup>1</sup> Suffolk County residents are given preference

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Campus Codes:

A = Ammerman Campus

E = Eastern Campus

G = Grant Campus

## TRANSFER PROGRAM INFORMATION

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

- 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

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.

A recent initiative called **Unified Programs of Study** has resulted in the delineation of 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://www.sunysuffolk.edu/transfer>. 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.A., Accounting (208-1)	2.30	B.B.A., Accounting
	A.S., Business (207-1)	2.30	B.B.A., Management
	A.S., Human Services (212-1)	2.80	B.S., Social Welfare
	A.S., Human Services (212-1)	2.80	B.S.W., Social Work
	A.A., Liberal Arts and Science: Education (Child Study) (112-1)	2.75	B.A., English and M.A., Education: Childhood
	A.A., Liberal Arts and Science: Education (Child Study) (112-1)	2.75	B.A., History and M.A., Education: Childhood
	A.A., Liberal Arts and Science: Education (Child Study) (112-1)	2.75	B.A., Mathematics and M.A., Education: Childhood
	A.A., Liberal Arts and Science: Education (Child Study) (112-1)	2.75	B.A., Sociology and M.A., Education: Childhood
Dowling College	A.S., Accounting (208-1)	2.30	B.B.A., Accounting/ M.B.A. Option
	A.S., Business Administration (207-1)	2.30	B.A., Management/ M.B.A. Option
	A.S., Business Administration (207-1)	2.30	B.A., Management (Sports)/ M.B.A. Option
	A.S., Music (206-1)	2.30	B.S., Music Education
Long Island University: Southampton College	A.A., Accounting (208-1)	2.00	B.S./M.S., Accounting
	A.S., Business Administration (207-1)	2.00	B.B.A., Business Administration

*continued on next page*

Long Island University: Southampton College ( <i>continued</i> )	A.A., Communications and Media Arts: Journalism (111-1)	2.00	B.A., English and Writing: Writing
	A.A., Liberal Arts and Science: Education (Child Study) (112-1)	2.75	B.A., Childhood Education 1-6
	A.S., Liberal Arts and Science: Science/Biology (200-1)	2.00	B.A., Biology
	A.S., Liberal Arts and Science: Science/Biology (200-1)	2.00	B.S., Biology
	A.S., Liberal Arts and Science: Science/Biology (200-1)	2.00	B.S., Environmental Science: Biology
	A.S., Liberal Arts and Science: Science/Chemistry (200-3)	2.00	B.S., Chemistry
	A.S., Liberal Arts and Science: Environmental Science–Forestry (200-2)	2.00	B.S., Environmental Science: Biology
	A.S., Liberal Arts and Science: Science/Biology (200-1)	2.00	B.S., Marine Science: Biology
	A.S., Liberal Arts and Science: Science/Biology (200-1)	2.00	B.S., Marine Science: Oceanography
	A.A., Liberal Arts and Science: Social Science/ Psychology (101-1)	2.00	B.A., Psychology
	A.A., Liberal Arts and Science: Social Science/ Sociology (101-2)	2.00	B.A., Sociology
	A.A.S., Radio and Television Production (306-1)	2.00	B.F.A., Communications: Electronic Media
	A.S., Visual Arts (204-1)	2.00	B.A., Art
	A.S., Visual Arts (204-1)	2.00	B.F.A., Art
	A.A.S., Graphic Design (365-1)	2.00	B.F.A., Graphic Design
Molloy College	A.S., Human Services (212-1)	2.70	B.A., Social Work
State University of New York at Albany	A.S., Accounting (208-1)	3.00	B.S., Accounting
	A.A., Liberal Arts and Sciences: General Studies (103-1)	2.50	B.A., English
	A.A., Liberal Arts and Sciences: Psychology (101-1)	2.50	B.A., Psychology
State University of New York College of Technology at Farmingdale	A.A.S., Automotive Service Specialist (369)	2.00	B.S., Automotive Management Technology
	A.S., Business Administration (207-1)	2.00	B.S., Management of Technology
State University of New York at Stony Brook	A.S., Business Administration (207-1)	3.00	B.S., Business Management
	A.S., Human Services (212-1)	2.50	B.S.W., Social Work
	A.A., Liberal Arts and Sciences: General Studies (103-1)	2.50	B.A., Psychology

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  
 Alfred University  
 Dowling College  
 Five Towns College  
 Long Island University  
     Brentwood  
     C.W. Post  
     Southampton  
 Molloy College  
 New York Institute of Technology  
 St. Joseph's College  
 SUNY at Albany  
 SUNY College of Technology at Farmingdale  
 SUNY College at Fredonia  
 SUNY College at Old Westbury  
 SUNY at Stony Brook  
 Touro College/Long Island

### 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

Adelphi University-Honors  
 Alfred University-Business Administration  
 American Institute of Banking of  
     Greater New York  
     Business Administration  
     Economics  
     Business  
     Math  
 Briarcliffe College  
     Business Administration  
     Accounting  
     Computer Information Systems  
     Computer Science  
 Clark University School of Management  
     Engineering  
 Columbia University  
     General Studies  
 Cornell University  
     Veterinary Science Technology  
 Dowling College  
     Accounting  
     Business Administration  
     Education (Child Study)  
     Music Education  
     Sports Management  
 Fordham University  
     Honors Program  
 Hofstra University  
     Business  
 Ithaca College  
     Chemical Dependency Counseling  
     Fitness Specialist  
 Johnson and Wales University  
     Hotel Technology/Restaurant  
     Management  
 Long Island University: Brentwood Campus  
     EOP  
 Long Island University: Brooklyn Campus  
     Parallel Programs  
 Long Island University: C.W. Post Campus  
     Criminal Justice  
     Dietetic Technician  
     Health Careers  
     Nursing  
     Public Administration  
 Long Island University: Southampton  
 Campus  
     Parallel Programs  
 Lynn University  
     Food Service Administration  
 Molloy College  
     Education  
     Human Services  
 New York Chiropractic College  
     Pre-Chiropractic

New York Institute of Technology  
 Accounting, Business Administration  
 Electrical Technology  
 Hotel Technology/Restaurant  
 Management

New York University  
 Dietetic Technician  
 Nursing

Northwestern University  
 Chiropractic

Palmer Chiropractic  
 Pre-Chiropractic

Queens College  
 Dietetic Technician

St. John's University  
 Pre-Environmental Studies and  
 Environmental Studies

SUNY at Binghamton  
 All curricula, including Nursing,  
 Engineering, Education and the School  
 of Management

SUNY College at Brockport  
 Biological and Environmental Sciences  
 Humanities  
 Science and Mathematics  
 Social Sciences

SUNY at Buffalo  
 Business Administration

SUNY Empire State College  
 All curricula

SUNY College at Old Westbury  
 Computer Science  
 Early Childhood  
 Mathematics

SUNY College at Oneonta  
 Accounting, Business Administration  
 Computer Science  
 Marketing  
 Liberal Arts & Sciences, Fine Arts  
 Early Childhood

SUNY College at Plattsburgh  
 All curricula

SUNY at Stony Brook  
 College of Arts & Sciences  
 Nursing  
 Transfer of SCCC Honors Program  
 Students  
 EOP/AIM

SUNY College of Technology (Utica)  
 Nursing

Touro College  
 Occupational Therapy and  
 the Health Sciences

University of New Haven  
 Dietetic Technician

## 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 92-178 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://www.sunysuffolk.edu>.

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

## Application Deadlines

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

- Chemical Dependency Counseling
- Health Information Technology/  
Medical Records
- Nursing (except June 1 for  
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 59-60 and 72 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, intersession, 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 45.) 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

### 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:

- New York State residency;
- recipient of a high school diploma or its equivalent;
- full-time registration;
- 79 or less high school average in major subjects;
- 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 are eligible for EOP as a transfer student 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 mathematics. In addition, there are centers on each campus which offer faculty and peer tutoring in reading, writing and mathematics.

### Sequences

The sequences for Developmental Studies are as follows:

<b>MATHEMATICS:</b>	<i>Hours</i>
MA01: Developmental Mathematics Skills . . . . .	3
MA06: Pre-Algebra and Algebra I . . . . .	5
MA07: Algebra I . . . . .	4
<b>ENGLISH:</b>	
EG09: Basic English Skills . . . . .	3
EG10: Developmental Writing . . . . .	3
<b>READING:</b>	
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

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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

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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

---

Total ..... 14.5 hours/credits

MA23	..... 3 credits
EG10	..... 3 hours
RE10	..... 3 hours
CO10	..... 3 credits
OS15	..... 1.5 credits

---

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

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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.

English as a Second Language (ESL) embraces two programs that offer instruction in listening, speaking, reading, writing and grammar to students for whom English is a second language. One ESL program offers developmental classes on a non-credit\* basis and the other ESL program offers developmental classes on a credit\* basis. The aim of both programs is to provide limited English-proficient students with a functional knowledge of the English language.

The programs will furnish them 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 non-credit\* ESL program consists of six levels, each of which is a prerequisite for the next. The only requirements are that students be at least 18 years of age and take a placement test in order to determine their level of proficiency and placement.

The 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

**ESL PROGRAM SEMESTER (non-credit\*):** The semester lasts 12 weeks. Students must attend class for 5 hours per week. In addition, students are required to complete one hour of language lab practice per week. Classes are offered in the morning, evening and on Saturdays.

	<i>per week</i>
Pre-Level I . . . . .	.5 hours
<b>LEVEL I:</b>	
Conversation . . . . .	.2 hours
Grammar . . . . .	.2 hours
Reading/Writing . . . . .	.1 hour
Total . . . . .	.5 hours
<b>LEVEL II:</b>	
Conversation . . . . .	.1 hour
Grammar . . . . .	.2 hours
Reading/Writing . . . . .	.2 hours
Total . . . . .	.5 hours
<b>LEVEL III:</b>	
Conversation . . . . .	.1 hour
Grammar . . . . .	.2 hours
Reading/Writing . . . . .	.2 hours
Total . . . . .	.5 hours
<b>LEVEL IV:</b>	
Conversation . . . . .	.1 hour
Writing . . . . .	.2 hours
Reading . . . . .	.2 hours
Total . . . . .	.5 hours
<b>LEVEL V:</b>	
Comprehensive . . . . .	.5 hours
<b>Total Program Time:</b>	6 semesters/360 hours

Upon successful completion of Level V of the non-credit\* ESL 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 non-credit\* ESL offerings, the college also has recognized a growing need among limited English-proficient graduating high school seniors, returning adult students and professionals who are willing and able to pursue 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, a more intensive program of ESL classes has been developed which consists of more hours and weeks of study than the non-credit program. 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 towards their current degree, while students in subsequent semesters must earn at least 6 credits towards 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.
- have need for 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.

<b>SEMESTER I:</b>	<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

<b>SEMESTER II:</b>	<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.

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

Information about the Adult Learner Program, including the CLEP application form, can be viewed online at <http://www.sunysuffolk.edu/Web/Central/AcademicAffairs/>. In addition, the CLEP application and testing dates are avail-

able 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. Consult the campus Office of Instruction 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 and spring semesters. The course encompasses relevant academic content, skill development and ongoing guidance during the process of developing a learning portfolio. After completion of the course, students may submit the learning portfolio for evaluation for possible college credit.

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

**Rodney Charitable, Class of 1991**  
Systems Engineer for Navy Missiles

Rodney works on some of the U.S. Navy's most sophisticated weapons: the STANDARD, Tomahawk, VL/RIM-7, and Vertical Launching System (VLS) MK missiles. He has an active Department of Defense secret clearance. He will complete a doctorate in December 2004. Launching Rodney on this career trajectory was his education at SCCC.

A native of Haiti, Rodney arrived in the United States in 1985 and enrolled soon after in the Educational Opportunity Program at Suffolk. He served as a tutor in the Math Learning Center and graduated with an A.A.S. in Electrical Engineering in 1991. In 1996 he earned a B.S.E.E. in Circuit Design and Analysis from New York Institute of Technology, and in 2002 received an M.S.E.E. in Communications and Networking from Loyola College in Baltimore, MD. He is currently pursuing his Ph.D. in Applied Management and Decision Sciences at Walden University in Baltimore.

Rodney is an employee of BAE Systems in Rockville, MD, which designs, manufactures and supports defense products ranging from space systems to guided weapons. He worked as a lead electrical/systems engineer for two years and as an engineering supervisor for three. Now as a senior systems engineer, he is responsible for providing support for the development and improvement of STANDARD missiles, launchers, and weapon control systems for the U.S. Navy, seeing that various subsystems are compatible. Rodney has published the most complete power distribution analysis ever completed on a STANDARD missile and presented it to government contractors and the Navy. As a member of the missile's Integrated Product Team, he works with other engineers from companies such as Raytheon, Lockheed Martin and General Dynamics.

"My experiences at Suffolk were those of a lifetime," says Rodney, whose doctoral dissertation examines the absence of African Americans and women in the field of engineering. "Suffolk offers a quality education, a great atmosphere for learning, and a teaching staff that gives students a lot of personal attention."



# Finances

## TUITION AND FEES

### Residency

Under the provisions of the New York State statutes regulating community colleges, the operating costs of the college are met by student tuition, state aid and the contribution of Suffolk County, which sponsors the college.

The law provides that non-New York State residents must pay non-resident tuition. New York State residents who are not residents of Suffolk County may also be required to pay non-resident tuition if the procedures indicated below are not followed.

To be eligible for the resident tuition rate, a student must have one year's legal residency in New York State and six months in the county of Suffolk. The legal residency of unmarried students under 21 is deemed to be that of their parents. New York State students from counties other than Suffolk may have the non-resident tuition rate waived by submitting a Certificate of Residence from their home county fiscal officer prior to registration. This qualifies the student for the Suffolk County resident tuition rate.

Applications for Certificates of Residence are available at the Business Offices and must be filed with the chief fiscal officer of the student's home county not more than two months prior to the date classes begin for the ensuing semester. A Certificate of Residence is valid for up to one school year only and must be renewed each fall. Individuals in the county on a student visa cannot qualify for a Certificate of Residence at any time. Non-citizen Suffolk County perma-

nent residents with permanent Resident Cards (green cards) satisfy the residency requirements and do not require a Certificate of Residence.

Failure to comply with the residency requirements will result in paying double tuition.

For newly discharged student veterans who are residents of New York State, the county of residence is the county in which an individual resided immediately prior to entry into military service.

Members of the Armed Forces of the United States on full-time active duty stationed in New York State or the spouse or dependent of such person shall pay tuition as a resident.

### Fees

The **Application Fee** is a non-refundable fee which represents the cost of admission processing for all full- and part-time students upon their first admission to the college.

The **Placement Testing/Advisement Fee** is a non-refundable fee and represents the cost of testing and/or advising full-time and matriculated part-time students for proper placement in college courses.

The **Laboratory, Special Equipment, Special Program, Distance Education, Telecourse**

**and Physical Education Service Fees** partially provide for the extra costs of special supplies, equipment and services associated with certain courses. Individual course descriptions as outlined in this catalog are annotated to show if the fees are applicable for a particular course. Telecourse fees are applied to all telecourses. They are not separately identified in this catalog.

The **Technology Fee** is committed to funding technology and equipment. It is non-refundable on or after the first day of the session.

The **Vehicle Registration Fee** is valid during the academic year of issuance, is non-refundable on or after the first day of the session and partly supports automobile registration, security and plant maintenance activities. A separate vehicle registration is required for each car parked on campus.

The college offers its students a **Tuition Payment Plan (TPP)**. The **Tuition Payment Plan Fee** is charged for use of the plan. A **Late Payment Fee** is assessed on students who have not paid their tuition and fees-based charges after they are billed. The **Late Payment Fee** may be charged multiple times. Both fees are non-refundable.

The **Late Registration Fee** is a non-refundable fee charged for registration beginning one week prior to the first day of a session (day, evening, Saturday/Sunday). It does not apply to courses being added to an existing schedule.

The **College Fee** provides for social, cultural, athletic and related activities for full- and part-time students and is non-refundable on or after the first day of the session.

The **Graduation Review Fee** is a one-time fee assessed at the time students enroll for their 60th credit (25th credit for certificate program students). It is non-refundable on or after the first day of the session and covers the cost of conducting a graduation audit, student diplomas or certificates, the processing of documents and related records, the graduation ceremonies and membership in the college's Alumni Association for the year immediately following graduation.

The **Liability Insurance Fee** is required of students in designated courses in nursing and health careers. It is also required for cooperative education and internship courses and for other experiential programs. This fee is non-refundable on or after the first day of the session.

The **Accident Insurance Fee** provides accident and death coverage for full-time students and also for those part-time students enrolled in physical education courses plus certain field placements, internships and cooperative edu-

cation programs. This fee is non-refundable on or after the first day of the session. Other part-time students may purchase accident insurance coverage on an elective basis by completing the application form available in the Health Services Offices.

The **Returned Check Fee** is non-refundable and provides for the collection and processing of checks returned unpaid by banks.

The **Records Management Fee** provides for the cost of managing and maintaining all student records, including academic transcripts which are made available without additional cost to students. This fee is non-refundable.

The **Replacement of Lost ID Card Fee** is assessed when a student loses an ID card. The fee is charged at the time the student requests a replacement.

## Tuition and Fees Schedule (as of fall 2003)

**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 \$109.00 per credit for Suffolk residents and \$218.00 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 2004 and applies to all campuses and extension sites of the college. The schedule of tuition and fees for the 2004-2005 and 2005-2006 academic years will be approved during the summers of 2004 and 2005, 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 2003-2004 academic year:**

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

Tuition, Residents,	per semester	\$ 1,300.00
Tuition, Non-Residents,	per semester	2,600.00
Application Fee (non-refundable)		30.00
Placement Testing/Advisement Fee (non-refundable)		25.00
Tuition Deposit (applied to tuition but non-refundable)		100.00
College Fee, per semester		70.00
Laboratory/Equipment/Special Program/Distance Education/Telecourse Fee*, per course		40.00
<i>(Applicable courses are indicated in current catalog and course schedules. Telecourse fees are not separately noted.)</i>		
Physical Education Service Fee*, per course		40.00
<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		30.00
Records Management Fee, per semester		8.00
Graduation Review Fee		27.00
Liability Insurance Fee, per semester		15.00
Challenge Examination Fee, per course (non-refundable)		100.00
Late Registration Fee, per session (non-refundable; begins one week prior to first day of session)		25.00
Vehicle Registration Fee (per vehicle, per academic year)		10.00
English as a Second Language (ESL) Fee (per semester):		
Cat #'s XA01, XA26		175.00
Cat #'s XA04, XA05, XA32, XA33		105.00
Cat #'s XA02, XA03, XA14, XA25		70.00
Cat #'s XA09, XA92, XA93, XA94, XA95, XA96, XA97, XA98, XA99		75.00
Prior Learning Assessment (non-refundable)		
Basic Fee for Portfolio Evaluation		100.00
Supplementary Fee	1/3 Tuition of credits requested	

College Level Examination Program (CLEP) Fee	10.00
College Level Examination Program (CLEP) Late 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

*\*The Laboratory/Equipment/Special Program/Distance Education/Telecourse Fee 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.*

**Fewer than 12 credits per semester (part-time)**

Tuition, Residents, per credit	\$109.00
Tuition, Non-Residents, per credit	218.00
Application Fee (non-refundable)	30.00
Placement Testing/Advisement Fee (non-refundable)	25.00
College Fee	
1-5.5 credits	17.00
6-11.5 credits	34.00
Laboratory/Equipment/Special Program/Distance Education/Telecourse Fee*, per course	40.00
<i>(Applicable courses are indicated in current catalog and course schedules. Telecourse fees are not separately noted.)</i>	
Physical Education Service Fee*, per course	40.00
<i>(Applicable courses are indicated in current catalog.)</i>	
Returned Check Fee, each (non-refundable)	20.00
Technology Fee (campus enrollees only)	
Per semester	15.00
Wintersession	5.00
Summer	15.00
Records Management Fee, per semester	4.00
Graduation Review Fee	27.00
Accident Insurance Fee (optional), per semester	14.00
Liability Insurance Fee, per semester	15.00
Challenge Examination Fee, per course (non-refundable)	100.00
Late Registration Fee, per session (non-refundable; begins one week prior to first day of session)	15.00
Vehicle Registration Fee (per vehicle, per academic year)	10.00
English as a Second Language (ESL) Fee (per semester):	
Cat #'s XA01, XA26	175.00

Cat #'s XA04, XA05, XA32, XA33 . . .	105.00
Cat #'s XA02, XA03, XA14, XA25 . . .	70.00
Cat #'s XA09, XA92, XA93, XA94, XA95, XA96, XA97, XA98, XA99 . . .	75.00
Prior Learning Assessment (non-refundable)	
Basic Fee for Portfolio Evaluation . . .	100.00
Supplementary Fee . . . . .	1/3 Tuition of credits requested
College Level Examination	
Program (CLEP) Fee . . . . .	10.00
College Level Examination Program (CLEP)	
Late 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

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

Students who desire to withdraw from courses for any reason **MUST OFFICIALLY NOTIFY THE COLLEGE BY COMPLETING A WITHDRAWAL/REFUND APPLICATION AVAILABLE IN THE CAMPUS REGISTRAR'S OFFICE.** This notification requirement is also applicable to students who pay their tuition and fees through a financial aid or loan program. The date of such application will determine the percentage of tuition and fees refunded (in the case of cash payment), or the reduction in the student's financial liability, if any (in the case of a tuition and fees deferral). Withdrawal/refund applications received after the refund period will not be considered. The ultimate responsibility for withdrawal from courses in order to receive a refund rests solely upon the student. **Failure to attend classes, informing the instructor of withdrawal or stopping payment on a check does not constitute official notification of withdrawal.**

Should a registered student withdraw prior to the beginning date of any session, according to the current academic calendar, the college will refund 100% of tuition and all refundable fees. Non-refundable fees include the Application Fee, Placement Testing/Advisement Fee, Tuition Deposit, Tuition Payment Plan Fee, Late Payment Fee, Returned Check Fee, Challenge Examination Fee, and Prior Learning Assessment Fee.

On or after the first day of the session, the refund policy follows:

1. There will be no refund of the College Fee, Accident Insurance Fee, Liability Insurance Fee, Vehicle Registration Fee, Technology Fee, Late Registration Fee, Records Management Fee or Graduation Review Fee.
2. Withdrawal on or after the first day of the session but before the end of the first week following the beginning of classes, excluding any holiday: 75% refund of tuition and Laboratory/Equipment/Special Program/Distance Education/Telecourse and Physical Education Service Fees.
3. After this date, but on or before the end of the second week of the session: 50% refund of tuition and Laboratory/Equipment/Special Program/Distance Education/Telecourse and Physical Education Service Fees.
4. After this date, but on or before the end of the third week of the session: 25% refund of tuition and Laboratory/Equipment/Special Program/Distance Education/Telecourse and Physical Education Service Fees.
5. After the completion of the third week of the session, students will not be entitled to any refund of any tuition or fees paid.

The specific dates for refund eligibility for all sessions are available at the campus Business Offices.

The college processes refunds after the final add/drop opportunity of each session. All refunds will be made by check.

### Special Refund Provisions for Federal Financial Aid Recipients

Students receiving federal financial aid (Title IV) funds, including student loans, who totally withdraw anytime before 60% of the semester has been completed will have a portion of their financial aid funds refunded to federal accounts on a *pro rata* basis for the period not in attendance. For example, a student who attends for only 30% of a semester is entitled to receive only 30% of the grant and/or loan amounts awarded for that semester.

### Summer Session/Wintersession/Special Session/Non-Credit Courses Refund Policy

Students who desire to withdraw from a course must complete the withdrawal/refund application as outlined above under Refund Policy.

In conformance with SUNY policy for

community colleges, refunds for withdrawals in **summer session, wintersetion, special session and non-credit** courses are 100% before the start of the course and 25% in the first week. There are no refunds thereafter.

Students receiving Title IV (federal) student aid, including student loans, who completely withdraw before 50% of the session is completed for new students or 60% for all others, will have a portion of their student aid returned to federal accounts. Each student will also be assessed a \$100.00 fee for administrative costs.

**Adjustments of Financial Liability**

Once a determination has been made under the refund policies outlined above, additional refunds or adjustments of financial liability will only be considered for a limited number of extenuating circumstances such as serious illness, death in the immediate family and military transfers. However, such refunds or adjustments of financial liability will *not* be considered for students who have attended classes beyond the midpoint of the semester, nor will requests be considered if they are submitted more than 30 days following the end of the semester of withdrawal. In addition, note that such circumstances as minor illnesses, general financial difficulties, transportation problems, job changes or conflicts, work schedule changes, or complaints about course content or instructional methodology are *not* considered extenuating circumstances which justify an additional refund or adjustment of financial liability.

Students who believe that their circumstances satisfy the guidelines described above should complete the "Request for a Refund/Adjustment of Financial Liability" form and submit it, with all required supporting documentation, to the Office of the Dean of Student Services on the campus where the classes in question are being taken. The decision of the Office of the Dean of Student Services is final.

Students who satisfy the criteria and documentation requirements will be granted a refund or adjustment of financial liability ranging from 25%-100% of tuition and refundable fees based on how long the student was able to attend classes before withdrawing.

**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 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. Students repeating courses previously passed are not eligible.

The following are college costs at Suffolk County Community College for 2003-2004:

**Dependent Student: Full-Time - 9 Months**

Tuition/Fees*	\$3,152/year
Books/Supplies	850/year
Travel	1,506/year
Personal	1,200/year
Home Maintenance	2,550/year
	<hr/>
	\$9,258/year

**Self-Supporting Student: Full-Time - 9 Months**

Tuition/Fees*	\$3,152/year
Books/Supplies	850/year
Travel	1,506/year
Personal	1,200/year
Home Maintenance	4,250/year
	<hr/>
	\$10,958/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 to be considered for any aid, including student loans. Students interested in also applying for financial aid sponsored by New York State can file with the same FAFSA. New York State will then utilize the FAFSA results to generate a notification to students on their state Tuition Assistance Program (TAP) awards. 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 Higher Education Amendments of 1992 renamed the Guaranteed Student Loan Program as the Federal Family Education Loan Program (FFELP). The individual loan types have been changed to the Federal Stafford Loan (Subsidized/Unsubsidized) and the Federal Parent Loan (PLUS).

All student loan payments are transmitted directly to the college by the lender or guarantor which has approved the loan. Students/parents should check the "EFT" box on their loan application in order to receive their loan funds more quickly. This enables their loans to be received electronically at the college. See the section on loans beginning on page 48 in this catalog for additional information.

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, assis-

tance 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 Student Aid Report, all tax forms and/or non-taxable information, and official high school transcript).**

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

## Renewal

**Since a student's financial situation can change, 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 a Renewal FAFSA to reapply.

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 52.

### **Withdrawal or Change of Status**

Students who cease attendance before the 60th percentile of the semester will have their financial aid prorated. 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 a refund application available in the campus Registrar's Office. The date of such application during the first three weeks will determine the institutional percentage of tuition refundable and could affect the amount of financial aid received. Recovered financial aid funds must be returned to the respective sources on a program basis. No tuition is refundable if the withdrawal is filed after the third week of class. Failure to follow the proper withdrawal procedure could result in the student paying full tuition and fees. 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 students" has been revised by the federal government and applies to all federal aid programs under Title IV regulations including the Federal Family Loans. An independent student 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., 2004 for the 2004-2005 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 \$50,000, or \$100,000 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) at any accredited college in New York State. 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 \$2,600 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 attending participating degree-granting schools in New York State 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 Veterans Awards (CV) are for children of deceased or disabled veterans of the war periods 1917-18, 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 veterans should contact NYHESC at (518) 473-7087 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 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 Higher Education Amendments of 1992 renamed the Guaranteed Student Loan Program as the Federal Family Education Loan Program (FFELP). The individual program names have been changed to the Federal Stafford Loan (Subsidized/Unsubsidized) and Federal Parent Loan (PLUS).

These loan programs 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 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 3.42%.

#### 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 respon-

sible 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.

#### 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 Program

The Free Application For Federal Student Aid (FAFSA) is the primary document for ALL financial aid applicants. Students are strongly

## 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 Supplemental Educational Opportunity Grant (SEOG)	www.fafsa.ed.gov	\$50-\$500/semester; \$100-\$1000 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	<b>Subsidized Loan:</b> Same as above – must also demonstrate “financial need;” <b>Unsubsidized Loan:</b> 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 \$1300/semester	<b>Dependent Students and Independent Students with Dependents:</b> NYS taxable income not to exceed \$80,500; <b>Single Independent Students:</b> NYS taxable income not to exceed \$10,000	Full-time study only (12+ degree credits/semester)
NYS Aid for Part-Time Study Program (APTS)	www.fafsa.ed.gov and APTS application	Not to exceed total tuition, or up to \$1000/semester	<b>Single/Independent/no dependents:</b> NYS taxable income not to exceed \$34,250; <b>Dependent Student or Independent with Dependents:</b> NYS taxable income not to exceed \$50,500	Part-time study only (3-11 credits/semester)

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

### **Additional Applications Tuition Assistance Program (TAP) and Child of Veterans Awards**

After filing a FAFSA, an Express TAP Application (ETA) will be mailed to the student. The student should check all information, make changes where necessary, sign the application and return it to Higher Education Services Corporation (HESC). The student will then receive a TAP award letter from HESC.

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

After filing a FAFSA, students will then be sent an APTS application by 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%.

The college will forward award notices to students who indicate a preference for borrowing. Students will also 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 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, new students who perform poorly in their first semester will 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**

**SUFFOLK COUNTY COMMUNITY COLLEGE REQUIREMENTS FOR 2004-2005  
TITLE IV SATISFACTORY PROGRESS**

*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 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.

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

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  
East Northport Lions Club  
Estée Lauder  
J. Robert Fisher Honors  
J. Robert Fisher Minority  
Paul J. Fitzpatrick Memorial  
Robert Fontaine Memorial  
Honors Program Foundation  
Charles F. Kelly, Jr. Memorial  
Salvatore J. LaLima  
Mind Over Matter  
Minority Achievers Scholarship Program  
(M.A.S.P.)  
National Science Foundation Engineering  
Newsday  
Phi Theta Kappa Honor Society  
Presidential  
Peggy Stewart Memorial  
Raymond Rienecker Music  
Scouting  
Sunrise Firefighters

### Scholarships for Continuing Students

#### General Academic Merit

Barnes and Noble Bookstore  
John A. DeFina Memorial  
Full Deck Scholarship  
General Academic Merit  
G. Drews and Staff Award  
Long Island Street Rod Association  
Giuseppe A. Nigro Lodge  
John L. Parker Memorial  
Mother Cabrini  
Paul Hutter Memorial  
Italian-American Heritage  
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  
Martin F. Decatur  
John Helfenstein  
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  
Mike Todd Memorial  
Harvest Festival/Hospitality

#### 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

Kenny Rogers  
 Paul Salzman  
 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  
 Harvest Festival/Hospitality  
 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

Helen Naviloff Memorial

Nursing Club

Nursing Club Pin Award

Patricia Reckenbeil

Kenny C.O.T.A. Memorial

Physical Therapist Assistant

Veterinary Science Award

#### Liberal Arts

June D. Hudis Memorial

Morton D. Strassberg

Harry Crooke

Karl and Doris Erhardt Memorial

Richard Preston Memorial

E.S.L.

Eraclis Karahalidis Memorial

Tracey Stark Memorial

DeLuca Italian Club

Andrew Wohlfart Memorial  
 Louise B. Perkal Memorial  
 Tracey Stark Memorial  
 Astor Liberal Arts  
 Andrea Brown Memorial  
 Ellis Von Eschen Memorial  
 Dr. Robert Frey Family Foundation  
 Jerry Gusack Memorial  
 William Agins Memorial  
 Christina and Gaspere L. LaSala  
 Ron Lipp Memorial  
 Richard Fox Memorial  
 Lynn Buck Women's Studies

#### Technical, Scientific and Engineering

Dayton T. Brown

Astor Technical, Scientific and Engineering  
 Bridgestone

#### Special Criteria

W.I.L.L.

African Peoples Association

Thurgood Marshall Rosa Parks Leadership

Frances Plourd Memorial/AME

Gerry Trerotola Memorial/AME

Dawnmarie A. Gerenstein Memorial

Suffolk County Community College Women's

Association

Margaret P. and James O'Brien Memorial

Human Resources Club

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



## How to Apply and/or Get Additional Information

For more complete scholarship/award information and application procedures, contact any of the offices listed below:

### 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) 851-6821

### CENTRAL ADMISSIONS OFFICE

Suffolk County Community College  
533 College Road  
Selden, NY 11784-2899  
(631) 451-4031



### SCCC Alumna Profile

**Miriam Calabrese, Class of 1993**  
**Hospice Nurse**

As a cancer survivor, Miriam understands the needs of terminally ill patients and their families. Embracing a person's suffering and acting as a source of hope while walking along side him or her remains central to her nursing philosophy. Prepared with a master's degree and board certified as a nurse practitioner in Palliative Care, she does just that for her clients of Good Shepherd Hospice.

A returning adult student and mother of three, Miriam entered SCCC's Nursing program in 1990 and graduated three years later with a 4.0 GPA. She received the John H. Astor Memorial Scholarship and was a member of the Phi Theta Kappa and Pi Alpha Sigma honor societies. "It was a counselor at the Grant Campus who gave me the confidence to pursue a college degree as a returning adult student," says Miriam. "I benefited greatly from the college's high sensitivity to the adult learner, as well as from its strong faculty and curriculum."

Because of her positive experience at SCCC, Miriam decided to further her education at St. Joseph's College, where she earned a B.S. degree in Nursing and graduated in 1999 as a Distinguished Graduate. She was profiled as an exemplary student in the journal *Nursing Spectrum* and the *Professional Nurses Association of Suffolk County Newsletter*.

Miriam's interest in palliative care began with her work in the HIV/AIDS unit at North Shore University Hospital shortly after she graduated from Suffolk. It also led her to New York University's Master of Arts in Nursing program, where she received her Advanced Practice Degree in Palliative Care in 2003.

A member of the New York State Nurses Association and Hospice and Palliative Care Nurses Association, Miriam also serves on the Nursing Advisory Council for Curriculum at St. Joseph's College. In recognition of her outstanding work with chronically ill infants, adults and their families in the home care setting, she won the South Shore Home Health Services Dedication and Commitment Award and was nominated for a Hero in the Home Award, given by the New York State Association of Health Care Providers, Inc., in 2001.



# 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 gradu-

ation, 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

*Counseling Center*  
122 Peconic 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, full-time matriculated day students are assigned a faculty advisor.

Non-matriculated students on all three campuses can make arrangements to meet with an advisor or 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 collection of catalogs for four-year colleges, two-year colleges and vocational schools is available on microfiche or CD-ROM in the reference area of each campus library. 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 local, 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 the Job Connection, an online database of employment opportunities accessible on the college's Web site at <http://www.sunysuffolk.edu/jobs>. Through this 24-7 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 Executive Assistant to the President, 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 in-

clude 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 the National Junior College Athletic Association and the Long Island Association of Junior Colleges.

Intercollegiate athletic programs are offered at the Ammerman and Grant campuses. Eastern Campus students may participate at the campus of their choice.

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, swimming, outdoor track and field, and soccer, while women may compete in bowling, swimming, outdoor track and field, softball, volleyball and cheerleading.

**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. Infor-

mation regarding the athletic program can be obtained by contacting the Director of Campus Activities.

## 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.*

## Mandatory Student Immunizations for Measles, Mumps and Rubella

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 59 and 72 for a more detailed explanation of the immunization policy.)

## Required Acknowledgement of Meningitis Information

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

## 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 6:00 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.-1:30 p.m.

Saturday . . . . . 7:00 a.m.-1:30 p.m.

#### Southampton Building Cafeteria

Monday-Friday . . . . . 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.-8:30 p.m.

Friday . . . . . 7:00 a.m.-6:00 p.m.

Saturday . . . . . 7:00 a.m.-1:30 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/Tuesday . . . . 9:00 a.m.-8:00 p.m.

Wednesday/Thursday . 9:00 a.m.-7:00 p.m.

Friday . . . . . 9:00 a.m.-4:00 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/ 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 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.

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://www.sunysuffolk.edu>.





# 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:

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

### **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 Campus Registrar.

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 assistant 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:

- 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.
- 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

- 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 Instruction and have his/her average computed. *A student may have this rule applied to only one change of curriculum or emphasis which occurs within the first 38 credit hours attempted at the college.*
- A student who is **readmitted to SCCC after an absence of two or more semesters** may, after the end of the first semester, petition the campus Office of Instruc-

tion 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 removed from the class roster by an instructor at any time when, in the judgment of the instructor, absences have been excessive. A student may also be removed from the class roster by the Dean of Student Services or the Student Conduct Board fol-

lowing 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 officially withdraws from the college 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 65-66.

### Honor Designations/Societies Dean's List

Outstanding scholastic achievement at Suffolk County Community College is recognized by the compilation each semester 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 or more in any given semester.

Academic Public Disclosure Statement

**DISCLOSURE OF COMPLETION, PERSISTENCE AND TRANSFER RATES FOR FULL-TIME, FIRST-TIME ASSOCIATE LEVEL STUDENTS ENTERING IN FALL 1999, PURSUANT TO TERMS OF THE STUDENT RIGHT-TO-KNOW ACT  
INSTITUTION: SUFFOLK ALL CAMPUSES (Status as of the Fall 2002 Semester)**

SEX	RACE	INITIAL COHORT ENTERING FALL 1995 (1)	ENTERING INSTITUTION		TRANSFERS TO A SUNY (WITHOUT A DEGREE)		TRANSFERS TO A SUNY (WITH A DEGREE)		NUMBER PERSISTERS ENROLLED FALL 2002 (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)			
	WHT	1238	106	338	55	28	90	10	243	474	0
	BLK	96	3	12	1	2	5	3	16	57	0
	HSP	162	7	25	3	3	10	3	37	81	0
	API	30	1	7	0	3	1	1	7	11	0
	AIA	5	0	0	0	0	0	0	2	0	0
	SUBTOTAL	1531	117	384	59	36	106	17	304	625	1
	WHT	1114	69	246	55	20	56	16	223	498	0
	BLK	59	3	5	0	3	3	0	9	39	0
	HSP	130	2	18	7	1	4	2	30	68	0
	API	33	3	6	1	3	0	0	13	10	0
	AIA	5	0	2	0	1	0	0	1	1	0
	SUBTOTAL	1341	77	277	63	28	63	18	276	616	0
	TOTAL	2872	194	661	122	64	169	35	580	1241	1

1. Data available only for SUNY two-year institutions that have been on the Student Data File since Fall 1999 and the Automated Degree File since 2000-01.
  2. Column 1 = Columns 3 + 4 + 5 + 8 + 9 + 10
  3. Students shown in columns 4, 5, 6 and 7 transferred Spring 2000 through Fall 2002.
- CENTRAL ADMINISTRATION OFFICE OF INSTITUTIONAL RESEARCH, STATE UNIVERSITY OF NEW YORK

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 which may lead to a less than satisfactory academic performance.

The recommended ratio of credits and hours of work a week is indicated in the table below:

<i>Credits</i>	<i>Maximum hours of work a 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 Admission 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 activity classes or PE96: Wellness: A Lifestyle Approach. Those receiving a documented medical waiver must complete PE96.

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 92-178.
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 92-178), 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; WS12: Women's Seminar; LR11: Introduction to Library

Research; LR15: Library Research Methods; BU15: College/Workplace Skills Seminar (for students in accounting, business-related and paralegal curricula), or NR15: Seminar for Nursing Students (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.

Physical education activity classes may be waived by the college as a degree requirement for a student upon the advice and recommendation of a physician. The 2-credit physical education requirement may also 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 PE96.

Physical education activity 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 Instruction. Forms are also available at each assistant 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 card photos are taken for new students beginning with orientation and continuing through the first two weeks of the new semester. Replacement cards are available at a cost of \$5. Students who fail to obtain an ID card will be fined \$25 and blocked from registering for subsequent semesters.

### 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/forms/policies\\_6.pdf](http://www3.sunysuffolk.edu/forms/policies_6.pdf).

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

Once a complaint has been made to the 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 Dean of Student Services office on each campus, or you can locate it on the college's Web site at <http://www2.sunysuffolk.edu:8000/Help/policies/index.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 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 Dean of Student Services.

## Involuntary Medical Withdrawal

A student will be subject to an involuntary medical withdrawal if the Student Services Medical Withdrawal 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 withdrawn through the Involuntary Medical Withdrawal procedure are subject to the normal refund policy of the college (see pages 44-45).

## 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

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

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

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

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

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

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

Should a suspected case of measles, mumps, or rubella occur on a campus, the Office of the Dean of Student Services 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 Dean of Student Services 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 Dean of Student Services and/or the College Registrar.

Name	Major Field of Study
Date of Birth	Dates and Status of Enrollment
Address	Degrees and Awards Received
Telephone Number	Prior Schools Attended
E-Mail Address	
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 catalog, as well as in the schedule of classes, the student handbook and on the college's Web site. This Act, with which the institution 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 institution 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 Dean of Student Services on the Ammerman, Eastern and Western Campuses, as well as College Registrar and Vice President for Legal, Planning and Information Services in the Norman F. Lechtrecker Building on the Ammerman Campus.

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

## CLASS ATTENDANCE— RELIGIOUS HOLIDAYS SECTION 224-a EDUCATION LAW

1. No person shall be expelled from or be refused admission as a student to an institution of higher education for the reason that he or she is unable, because of religious beliefs, to register for or attend classes or to participate in any examination, study, or work requirements on a particular day or days.
2. Any student in an institution of higher education who is unable, because of his or her religious beliefs, to attend classes on a particular day or days shall, because of such absence on the particular day or days, be excused from any examination or any study or work requirements.
3. It shall be the responsibility of the faculty and of the administrative officials of each institution of higher education to make available to each student who is absent from school because of religious beliefs an equivalent opportunity to register for classes or to make up any examination, study, or work requirements which he or she may have missed because of such absence on any particular day or days. No fees of any kind shall be charged by the institution for making available to the said student such equivalent opportunity.
4. If registration, classes, examinations, study, or work requirements are held on Fridays after four o'clock post 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) 548-2592  
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. Any additional materials the applicant wishes to have considered in connection with his/her application (maximum length: ten pages).
6. Entering freshmen and continuing SCCC students may apply for admission to the Honors Program. Part-time and full-time students in all curricula are welcome to apply.
7. The following are minimum requirements for admission to the Honors Program:  
*For entering students:*
  - B+ average in high school
  - composite SAT score of 1100 or ACT Score of 24*For students already enrolled at SCCC:*
  - 3.2 cumulative grade point average
  - grade of B+ or better in EG11In all instances, alternative evidence of academic talent may also be considered.  
The academic structure and course requirements of the Honors Program are described on pages 127-128 in the Curricula section of this catalog.

## ACQUIRED BRAIN INJURY (ABI) PROGRAM

The ABI program is a non-credit, 42-week educational curriculum designed to provide structured cognitive retraining for adults with an acquired brain injury (ABI). The program provides the community of ABI survivors in Suffolk County and surrounding areas with a low-cost community college-based opportunity for cognitive, psychosocial and employment retraining.

The program runs for 42 weeks with three 12-week sessions offered within the fall and spring semesters and one six-week session in the summer. During each of the sessions, students will be required to take four modules of instruction:

**AB1A-D Psychosocial Issues:** Deals with psychological and social difficulties many individuals face after brain injury. Content consists of two separate components: processing problem-solving and curriculum.

**AB3A-D Mediated Learning Lab:** Reinforces concepts and applications presented in complementary program courses. Specifically, students practice applications such as Figural Skills, Critical Thinking and other supplemental skills.

**AB5A-D Cognitive Analysis and Applications:** Provides ABI survivor with retraining in key cognitive skills related to critical thinking and reasoning. Addresses four aspects of reasoning: *Elements of Reasoning*, *Standards for Reasoning*, *Traits of the Reasoning Mind*, and *Reasoning Abilities*.

**AB7A-D Concepts and Applications in Memory and Attention:** Deals with ABI survivors' real-life examples of memory problems within the theoretical framework of a memory system. Assignments provide means of increasing generalization of the information to practical application in daily life. Develops repertoires of effective and efficient compensation strategies that work within students' lifestyles to compensate for their particular limitations.

### Eligibility for the Program

Applicants to the program must be goal-oriented and committed to achieving maximum independence. Admission is contingent upon acceptance by the ABI Admissions Committee. Students are admitted fall and spring. For an application, admissions requirements or additional information contact the program director at (631) 451-4600, E-mail: [abiprogram@sunysuffolk.edu](mailto:abiprogram@sunysuffolk.edu).

## ACADEMIC PARTNERSHIPS WITH BUSINESS AND INDUSTRY

Recognizing the rapidly increasing number of internationally 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 in computer and digital technology, Suffolk County Community College has worked diligently to establish academic partnerships in instructional technology with a number of these prestigious corporations. These new cooperative endeavors are described on the next several pages. Requests for further information should be directed to the office of the Vice President for Academic and Campus Affairs at Suffolk County Community College.

### CISCO SYSTEMS

Suffolk County Community College as a Cisco Systems Regional Network Academy 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>.

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

**Community College Institute (CCI):** This Summer Institute for Community Colleges is designed to provide educational training and research experience at five Department of Energy (DOE) national laboratories for highly motivated community college students.

**Faculty and Student Teams (FaST) Initiative:** This initiative is designed to support faculty/student teams to collaborate in research with participating DOE laboratories (Argonne, Brookhaven, Lawrence Berkeley, Oak Ridge,

and Pacific Northwest National Laboratories, as well as Princeton Plasma Physics Laboratory, Stanford Linear Accelerator Center, and the Thomas Jefferson National Accelerator Facility). Faculty apply for summer appointments at one of the DOE facilities listed above. Up to three students are expected to accompany the faculty member for the summer. At the end of the ten-week appointment, proposals will 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)** (formerly known as the Energy Research Undergraduate Laboratory Fellowship Program ERULF): This internship provides an opportunity for undergraduate students to work with a scientist at Brookhaven National Laboratory (BNL) or at one of the ten other Department of Energy laboratories.

Selected participants will be associated with members of the Brookhaven 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.

Web site: <http://www.bnl.gov/scied/>.

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.

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.

	<i>Credits</i>
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
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.

	<i>Credits</i>
AC16: Practical Accounting	3
AC37: Computer Accounting Principles	4
BA25: Business Communications	3
BA42: Professional Development	3
BA22: Computing for Business	4
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
Total	15

### Business Administration

The following short-term sequences can help "downsized" 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
<b>Total .....</b>	<b>15</b>

**Option 2 - Management** *Credits*

BA11: Introduction to Business .....	3
BA51: Management Principles and Practices .....	3
BA29: Supervision: Concepts and Practices	3
BA25: Business Communications .....	3
BA55: Organizational Behavior .....	3
<b>Total .....</b>	<b>15</b>

**Option 3 - General Business** *Credits*

BA11: Introduction to Business .....	3
BA21: Business Mathematics .....	3
BA51: Management Principles and Practices .....	3
BA53: Entrepreneurship .....	3
BD57: Marketing .....	3
<b>Total .....</b>	<b>15</b>

**Option 4 - Banking and Finance** *Credits*

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
<b>Total .....</b>	<b>16</b>

**Option 5 - Human Resources Management** *Credits*

BA56: Human Resources Management	3
BA57: Principles of Training and Development .....	3
BA58: Labor-Management Relations .....	3
BA55: Organizational Behavior .....	3
CS11: Introduction to Computing .....	4
<b>Total .....</b>	<b>16</b>

**Option 6 - Selling Career** *Credits*

BD73: Salesmanship .....	3
BD57: Marketing .....	3
CO11: Introduction to Human Communication .....	3
CO21: Theories of Persuasion .....	3
BD70: Advertising .....	3
<b>Total .....</b>	<b>15</b>

**Option 7 - International Business** *Credits*

BA62: Fundamentals of International Business .....	3
BA63: Fundamentals of Exporting and Importing .....	3
BA64: International Financial Management .....	3

BD57: Marketing .....	3
BD80: International Marketing .....	3
<b>Total .....</b>	<b>15</b>

**Option 8 - Entrepreneurship** *Credits*

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
<b>Total .....</b>	<b>18</b>

• **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.

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

**Java Programming**

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

CS16: Principles of Computing Using Java I .....	4
CS26: Principles of Computing Using Java II .....	4
CS60: Data Structures .....	4
<b>Total .....</b>	<b>12</b>

**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.

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
<b>Total</b> . . . . .	<b>16</b>

### 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
<b>Total</b> . . . . .	<b>12</b>

### 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
<b>Total</b> . . . . .	<b>12</b>

## • 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
HC38: Emergency Care Seminar . . . . .	3
<b>Total</b> . . . . .	<b>24</b>

### Ophthalmic Dispensing

This sequence is designed to prepare individuals to function more effectively in the vision care field.

*Credits*

OD11: Ophthalmic Dispensing I . . . . .	2
OD13: Ophthalmic Materials I . . . . .	3
OD14: Introduction to Contact Lenses . . . . .	3
OD20: Ophthalmic Dispensing II . . . . .	3
OD23: Ophthalmic Materials II . . . . .	3
<b>Total</b> . . . . .	<b>14</b>

## 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 with their academic advisors and the campus Career Services and Cooperative Education office 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) 851-6268, 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 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

### COOPERATIVE EDUCATION/INTERNSHIP COURSES

COURSE	TITLE	CREDITS	CAMPUS	COURSE	TITLE	CREDITS	CAMPUS
AT20-50	General Motors Practicum I-IV	1	A	HO91	Horticulture Internship/Cooperative	3	E
		each semester		ID80	Interdisciplinary Cooperative Education and Internships	3	A
BL50	Paralegal Internship	3	A G	IN79	Cooperative Education and Internships in Interior Design	3	E
BT56	Biotechnology Internship	3	A	JN31	Journalism Practicum	3	A E G
BU80	Cooperative Education in Business	3	A E G	OD48	Ophthalmic Externship	3	G
BUIS	Disney Cooperative	3	A E G	PO51	Public Service Internship	3-4	A G
CD55	Field Practicum in Chemical Dependency Counseling	7	G	RT50-51	Internship in Video and Sound	4	A
CD56	Cooperative Education in Chemical Dependency Counseling	7	G			each	
CS80	Cooperative Education/Internships for Information Technology	3	A E G	VA80	Cooperative Education in Photography and Graphic Design	3	E W
CU29	Culinary Arts Internship/Cooperative Education	4	E	VS31	Animal Clinic Internship I	3	W
HM60	Career Internships: Equity, Choices and Professionalism in the Workplace	3	A	VS32	Animal Clinic Internship II	3	W

twelve Saturday enrichment classes. Support services include parental involvement, local school advisors, peer counseling, leadership training and a mentoring program.

## **LIBERTY PARTNERSHIPS PROGRAM (LPP) FOR SECONDARY STUDENTS**

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

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

LPP students who are juniors and seniors are also eligible to enroll in a two-semester program that leads successful students to 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**

In cooperation with the State University of New York at Stony Brook, SCCC provides Partnerships in Excellence in Biomedical Sciences (BioPREP), an intensive biomedical preparatory experience for current students who are of African-American, Hispanic-American, Native-American and Pacific Islander descent.

This program is for high achievers with a grade point average of B or greater who are interested in pursuing a career in the biomedical or allied health fields.

## **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 workforce 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.

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.

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

Executive Director .....	851-6208
Assistant Director .....	851-6219
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 355-356 for additional phone numbers.

- **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 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

#### SALLY ANN SLACKE CORPORATE TRAINING CENTER Grant Campus Crooked Hill Road Brentwood, NY

Going East: Take the Long Island Expressway (I-495) to Exit 53 (Sagtikos Parkway/Wicks Road). Follow signs to Wicks Road. Go north (under the LIE) and immediately turn right onto Long Island Motor Parkway (east). Travel east about 2 miles to Adams Avenue. Turn north on Adams Avenue and follow to Oser Avenue. Turn east on Oser Avenue to #205 on right. Park in the rear.

Going West: Take the Long Island Expressway (I-495) to Exit 55 (Long Island Motor Parkway). Turn right from LIE Service Road onto Long Island Motor Parkway (west). Travel west about 2 miles to Marcus Boulevard. Turn north on Marcus Boulevard and follow to Oser Avenue. Turn west on Oser Avenue to fourth building #205 on left. Park in the rear.

The Corporate Training Center is served by the following Suffolk County Transit bus routes: S-27, S-33, S-62, 3A, 3B.

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. 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 Suffolk's most popular offerings each year are Microsoft Office, Exploring the Internet, Introduction to Windows, Floral Design, Water Gardens, 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.

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, Overcoming Math Anxiety, Basic Reading, Basic Writing, and the Scholastic Aptitude Test Preparation course are examples of courses which improve the academic success of non-credit 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, AIDS Education, CPR, Child Abuse, and Tai Chi Chuan.

### 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 nursing professionals, 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 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 63-64 of this catalog. It should be understood that no grades can be earned or recorded for participation in these courses.

Unfortunately, the college cannot extend this opportunity to attend courses on a space-available basis to senior citizens registering for *non-credit* courses, since the latter must be financially self-supporting.

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

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

## SCCC Alumna Profile

**Donna Engel, Class of 1983**  
**Commanding Officer, 5<sup>th</sup> Precinct,**  
**Suffolk County Police Department**

In 1979 when the Suffolk County Police Department started hiring women to train as patrol officers, Donna Engel was working for the department as a secretary and ready for a career move. Several male officers encouraged her to take the entrance exam for Suffolk County Police Officer. Following their advice was the beginning of her rise through the literal ranks of the department, from police officer to Inspector of the 5<sup>th</sup> Precinct in Patchogue.

Shortly after graduating from Islip High School, Donna enrolled at the Grant Campus because it was “just up the street and a good place to start.” She attended evening classes part time and finished her degree while in training at the Police Academy. “Overall, Suffolk gave me the positive experience I needed to go on for my bachelor’s degree,” says Donna, who graduated with an A.A.S. degree in Business Administration.

Donna’s bachelor’s degree in Business Administration, awarded by St. Joseph’s College in 1986, was only the next step. She also earned an M.B.A. from Dowling College in 1990 and completed training at the F.B.I. National Academy in Quantico, VA, in 2001.

Meanwhile, Donna advanced steadily in her career. She served as a Police Officer from 1982 to 1988 and was subsequently promoted to Sergeant in 1988, Lieutenant in 1995, Captain in 1999, and Deputy Inspector in 2000. In 2002 she was assigned as the Commanding Officer of the Suffolk County Police Academy Bureau and in 2003 was promoted to Inspector in the Office of the Chief of Patrol. Most recently, she was appointed Commanding Officer of the 5<sup>th</sup> Precinct. Since her promotion to Captain, she has held the highest rank ever achieved by a woman in the Suffolk County Police Department.

In May 2003 Donna returned to SCCC’s Grant Campus for another graduation, but this time she stood behind the podium as commencement speaker. She told the graduates that life is full of many journeys and that their chosen path may not be easy, clearly marked or free of fears. She urged them to conquer those fears and remember the words of the Reverend Jesse Jackson: “If you can conceive it, and believe it, then you can achieve it.”







# 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 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, Computer-Assisted 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/ Wellness:	2 credits
OS15:	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/  
Wellness: 2 credits  
OS15: 1.5 credits

## PROGRAM CLUSTERS

Suffolk County Community College's varied curricula can be grouped under the following clusters, thus providing a convenient way to identify programs of study that are related to a general educational or career focus.

### ARTS

Computer Art  
Graphic Design  
Interior Design Assistant  
Music  
Photographic Imaging  
Theatre Arts  
Visual Arts

### BUSINESS

Accounting  
Business Administration  
Business Management  
Culinary Arts  
Horticulture  
Information Processing  
Marketing  
Office Management  
Paralegal Studies  
Retail Business Management

### COMMUNICATIONS

Communications and Media Arts: Journalism  
Radio and Television Production

### COMPUTER STUDIES, ENGINEERING AND TECHNOLOGY

Automotive Service Specialist  
Computer-Assisted Drafting  
Computer Science  
Construction Technology–Architectural  
Technology  
Electrical Engineering Technology  
Engineering Science  
Fire Protection Technology/Fire Investigation  
Heating, Ventilation, Air Conditioning and  
Refrigeration  
Information Technology  
Telecommunications Technology

### HEALTH, COMMUNITY AND HUMAN SERVICES

American Sign Language/Interpreter for the  
Deaf  
Chemical Dependency Counseling  
Criminal Justice  
Dietetic Technician  
Early Childhood Education  
Fitness Specialist  
Health Information Technology  
Human Services  
Nursing  
Occupational Therapy Assistant  
Ophthalmic Dispensing (Opticianry)  
Physical Therapist Assistant  
Recreation Leadership  
Veterinary Science Technology

### LIBERAL ARTS AND SCIENCES

Education  
General Studies  
Humanities  
International Studies  
Mathematics  
Science  
Social Science  
Women's Studies

### 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 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 83-84.

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 could 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.

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. In any of the curricula described in this section, some or all of the following non-credit developmental courses may be required, but they 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; 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 curricula and paralegal) or NR15: Seminar for Nursing Students (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 Science 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.

**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 88 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.

### Credits

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

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## 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, psychology as it relates to deafness, social work and/or special education but 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 (4 credits)
- SL14: American Sign Language II (4 credits)
- SL23: Deaf Culture and Contemporary Issues (3 credits)
- EG11: Standard Freshman Composition (3 credits)
- 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
- SL10: American Sign Language I
- SL23: Deaf Culture and Contemporary Issues
- PC11: Introduction to Psychology

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

<b>FIRST SEMESTER: 12.5 credits</b>			
	<i>Lec.</i>	<i>Lab.</i>	<i>Cr.</i>
OS15: Freshman Seminar	1.5	-	1.5
♦ SL10: American Sign Language I	.3	3	4
♦ SL23: Deaf Culture and Contemporary Issues	.3	-	3
EG11: Standard Freshman Composition	.3	-	3
Physical Education	-	2	1

<b>SECOND SEMESTER: 14 credits</b>			
♦ SL14: American Sign Language II	.3	3	4
HC44: Group Dynamics	.3	-	3
EG33: The Structure of English	.3	-	3
PC11: Introduction to Psychology	.3	-	3
Physical Education	.1	-	1

<b>THIRD SEMESTER: 13 credits</b>			
♦ 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

<b>FOURTH SEMESTER: 12-13 credits</b>			
♦ SL28: Comparative Linguistics: ASL and English	.3	-	3
♦ SL32: Sign-to-Voice Interpreting	.2	4	3
PC60: Developmental Psychology	.3	-	3
Mathematics/Science Elective	.3-4	-	3-4

## FIFTH SEMESTER: 13 credits

♦ SL22: American Sign Language IV	.3	3	4
♦ SL34: Voice-to-Sign Interpreting	.2	4	3
CO11: Introduction to Human Communication	.3	-	3
Humanities Elective	.3	-	3

## SIXTH SEMESTER: 5 credits

*♦ SL43: Sign Language Interpreter Seminar/Fieldwork	.2	12	5
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## TOTAL CREDITS REQUIRED: 69.5-70.5

\* 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	38 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

<b>FIRST SEMESTER: 15.5 credits</b>			
	<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	4
♦ SL23: Deaf Culture and Contemporary Issues	3	-	3
PC11: Introduction to Psychology	3	-	3
Physical Education	-	2	1
<b>SECOND SEMESTER: 16 credits</b>			
EG33: The Structure of English	3	-	3
♦ SL14: American Sign Language II	3	3	4
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 Science 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	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: 64.5-65.5

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

### REQUIRED CREDIT DISTRIBUTION

English	6 credits
Sign Language	24 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. DEGREEE

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 Education Technical Foundation (NATEF).

### Admission Procedures and Requirements

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

#### FIRST SEMESTER: 18.5 credits

	Lec.	Lab	Cr.
♦ 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 Science 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.

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

Automotive Service	43 credits
English	6 credits
Social Science	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

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.

## FIRST SEMESTER: 17.5 credits Credits

- 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 Science Elective . . . . .3
- Δ 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: 65.5-67.5**

\* To be selected from CO11, CO12, CO15, CO21 or CO27.

\*\* Credit will be given for BL70 or the BL71 and BL72 sequence, but not both.

\*\*\* Recommended: EG13, EG21 or EG33.

† Where 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.

Δ Laboratory Science recommended. If Math elective is chosen, must be MA24 or higher.

¥ 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, BA64, BA73, 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 Science . . . . .	6-9 credits
Mathematics/Science . . . . .	6-7 credits
Physical Education . . . . .	2 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 Science 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 science 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 88 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

- \* 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

**TOTAL CREDITS REQUIRED: 33.5**

**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**

*Credits*

- ◆ 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

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

**REQUIRED CREDIT DISTRIBUTION**

Business and Accounting ..... 23.5 credits  
 Humanities ..... 6 credits  
 Economics ..... 3 credits

**TOTAL CREDITS REQUIRED: 32.5**

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

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** *Credits*

- ♦ 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

**SECOND YEAR: 34-35 credits**

- ♦ BA25: Business Communications ..... 3
- ♦ BD70: Advertising ..... 3
- ♦ BD73: Salesmanship or BD63: Retailing Principles ..... 3
- ♦ BD58: Cases in Marketing Management ... 3
- ♦ BD79: Marketing Research ..... 3
- MA23 and MA24: Statistics I and II ..... 6
- CO11: Introduction to Human Communication or CO21: Theories of Persuasion ..... 3
- CS Elective ..... 3-4
- \* Social Science 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 Science: 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.

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 Science	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: 18.5 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
- EK11: Current Economic Issues ..... 3
- Physical Education ..... 1

**SECOND SEMESTER: 16-17 credits**

- English Elective ..... 3
- ♦ AC15: Principles of Managerial Accounting or AC12: Principles of Accounting II ... 3-4
- ♦ BA21: Business Mathematics ..... 3
- ♦ BD64: Retail Buying and Merchandising ... 3
- CO11: Introduction to Human Communication ..... 3
- Physical Education ..... 1

**THIRD SEMESTER: 15-16 credits**

- ♦ BD68: Retail Store Operations and Administration ..... 3
- ♦ BD70: Advertising ..... 3
- ♦ BL71: Business Law I ..... 3
- Social Science Elective ..... 3
- Science or Mathematics Elective ..... 3-4

**FOURTH SEMESTER: 14-17 credits**

- ♦ BD69: Contemporary Issues in Retail Management ..... 3
- ♦ Business Elective (any AC, BA, BD, BF, BL, CS, OT or IP course) ..... 2-4
- ♦ BD73: Principles of Sales ..... 3
- ♦ BL72: Business Law II ..... 3
- Science or Mathematics Elective ..... 3-4

**TOTAL CREDITS REQUIRED: 63.5-68.5**

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

**REQUIRED CREDIT DISTRIBUTION**

- Business and Accounting ..... 40.5-43.5 credits
- Humanities ..... 9 credits
- Social Science ..... 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 *Credits*

- BU15: College/Workplace Skills Seminar ..... 1.5
- EG11: Standard Freshman Composition ..... 3
- BA11: Introduction to Business ..... 3
- BA21: Business Mathematics ..... 3
- BA25: Business Communications ..... 3
- BD63: Retail Principles ..... 3

#### SECOND SEMESTER: 15 credits

- \* Restricted Elective ..... 3
- BD60: Retail Internship ..... 3
- BD64: Retail Buying and Merchandising ..... 3
- BD68: Retail Store Operations and Administration ..... 3
- \*\*◆ BD Restricted Elective ..... 3

#### TOTAL CREDITS REQUIRED: 31.5

\* To be selected from EK11, EK21, EK22, EK38 or BD57.

\*\* To be selected from BD57, BD65, BD70 or BD73.

◆ These courses constitute the major courses in this curriculum.

#### REQUIRED CREDIT DISTRIBUTION

Business ..... 25.5-28.5 credits

Humanities ..... 3 credits

Social Science ..... 0-3 credits

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

### Hegis Code - 5505 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.

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.

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.

<b>FIRST SEMESTER: 16.5 credits</b>	<b>Credits</b>
EG11: Standard Freshman Composition . . . . .	3
PC11: Introduction to Psychology . . . . .	3
♦ CD11: Chemical Dependency in American Society . . . . .	3
HC44: Group Dynamics . . . . .	3
MA23: Statistics I . . . . .	3
OS15: Freshman Seminar . . . . .	1.5
<b>SECOND SEMESTER: 18 credits</b>	
* English Elective . . . . .	3
PC60: Developmental Psychology or PC80: Abnormal Psychology . . . . .	3
SO11: Introduction to Sociology . . . . .	3
†♦ CD15: Dynamics of Addiction . . . . .	3
♦ CD20: Chemically Dependent Family Systems . . . . .	3
** Communications Elective . . . . .	3
<b>THIRD SEMESTER: 17 credits</b>	
SO33: Marriage and the Family . . . . .	3
♦ CD25: Criminal Justice System and Chemical Dependency . . . . .	3
♦ CD30: Professional Documentation: Data Collection, Assessment, Treatment Planning . . . . .	3
♦ CD35: Techniques for Counseling the Chemically Dependent Client . . . . .	3
‡ Laboratory Science Elective . . . . .	4
Physical Education . . . . .	1
<b>FOURTH SEMESTER: 17 credits</b>	
♦ CD40: Chemical Dependency Education and Prevention . . . . .	3
♦ CD46: Advanced Techniques for Counseling the Chemically Dependent Client . . . . .	3
♦ CD50: Habilitation and Rehabilitation of the Chemically Dependent Client . . . . .	3
♦ CD55: Field Practicum or CD56: Cooperative Education in Chemical Dependency Counseling . . . . .	7
Physical Education . . . . .	1
<b>TOTAL CREDITS REQUIRED: 68.5</b>	

**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)

<b>FIRST SEMESTER: 6 credits</b>	<b>Credits</b>
♦ CD11: Chemical Dependency in American Society . . . . .	3
EG11: Standard Freshman Composition . . . . .	3

<b>SECOND SEMESTER: 9 credits</b>	
†♦ CD15: Dynamics of Addiction . . . . .	3
♦ CD20: Chemically Dependent Family Systems . . . . .	3
PC11: Introduction to Psychology . . . . .	3

<b>THIRD SEMESTER: 9 credits</b>	
♦ CD25: Criminal Justice System and Chemical Dependency . . . . .	3
HC44: Group Dynamics . . . . .	3
MA23: Statistics I . . . . .	3

<b>FOURTH SEMESTER: 9 credits</b>	
♦ CD40: Chemical Dependency Education and Prevention . . . . .	3
SO11: Introduction to Sociology . . . . .	3
** Communications Elective . . . . .	3

<b>FIFTH SEMESTER: 9 credits</b>	
♦ CD30: Professional Documentation: Data Collection, Assessment, Treatment Planning . . . . .	3
PC60: Developmental Psychology or PC80: Abnormal Psychology . . . . .	3
SO33: Marriage and the Family . . . . .	3

<b>SIXTH SEMESTER: 7 credits</b>	
♦ CD50: Habilitation and Rehabilitation of the Chemically Dependent Client . . . . .	3
‡ Laboratory Science Elective . . . . .	4

<b>SEVENTH SEMESTER: 6 credits</b>	
♦ CD35: Techniques for Counseling the Chemically Dependent Client . . . . .	3
* English Elective . . . . .	3

<b>EIGHTH SEMESTER: 10 credits</b>	
♦ CD46: Advanced Techniques for Counseling the Chemically Dependent Client . . . . .	3
♦ CD55: Field Practicum . . . . .	3
♦ or CD56: Cooperative Education in Chemical Dependency Counseling . . . . .	7

### TOTAL CREDITS REQUIRED: 65

NOTE: CD11 is prerequisite to all CD courses.

\* 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.

### REQUIRED CREDIT DISTRIBUTION

Chemical Dependency Counseling . . . . .	34 credits
Health Careers . . . . .	3 credits
Social Science . . . . .	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
*♦ JN25: 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
**♦ JN26: 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

‡♦ JN28: Magazine Writing and Public Relations . . . . .	3
♦ JN30: Contemporary Non-Fiction Journalism . . . . .	3
♦ JN31: Journalism Practicum . . . . .	3
RT11: Introduction to Broadcasting or RT12: Issues in Broadcasting . . . . .	3
Laboratory Science Elective . . . . .	4

### FOURTH SEMESTER: 15 credits

**♦ JN29: Investigative Reporting . . . . .	3
BD70: Advertising . . . . .	3
◇ Social Science Elective . . . . .	3
§ Humanities Elective . . . . .	3
Unrestricted Elective . . . . .	3

**TOTAL CREDITS REQUIRED: 64.5-65.5**

\* EG11 is a corequisite of JN25 and should be taken at the same time.

\*\* JN26 and JN29 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.

‡ JN28 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 88 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 . . . . .	18 credits
Humanities . . . . .	6 credits
Social Science . . . . .	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 fine 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 and painting software, 3D modeling, animation, electronic imaging, 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 fine art programs.

### FIRST SEMESTER: 17.5 credits *Credits*

OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	3
♦ VA17: Art History I	
♦ or VA18: Art History II	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
♦ VA34: Drawing II	3
♦ VA91: Introduction to Silver-Based Photography	3
♦ CA44 Color Theory and Electronic Application	2
♦ CA60 3D Modeling and Design	2
Portfolio Review I	0

### THIRD SEMESTER: 17 credits

HM51: Developing Creative Imagination in the Arts	3
History Elective	3
CS12: Introduction to Programming Using Visual Basic	4
♦ VA96: Electronic Imaging	3
♦ CA45: Interactive Digital Media	3
Physical Education	1

### FOURTH SEMESTER: 17 credits

♦ VA35: Life Drawing I	3
♦ VA19: Modern Art	3
Social Science Elective	3
Laboratory Science Elective	4
♦ CA46: Electronic Media Production	3
♦ CA80: Portfolio Preparation and Assessment	1

### TOTAL CREDITS REQUIRED: 67.5-68.5

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

### REQUIRED CREDIT DISTRIBUTION

Computer Art	11 credits
Graphic Design/Visual Arts	27 credits
Humanities	9 credits
Computer Science	4 credits
Social Science	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.*

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### FIRST SEMESTER: 16.5 credits Credits

- OS15: Freshman Seminar ..... 1.5
- EG11: Standard Freshman Composition ... 3
- ♦ CS12: Introduction to Programming Using Visual Basic ..... 4
- MA87: Calculus with Analytic Geometry I . . 4
- † Humanities Elective ..... 3
- Physical Education ..... 1

### SECOND SEMESTER: 18 credits

- EG13: Introduction to Literature ..... 3
- ♦ 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 Science Elective ..... 3
- ‡ Laboratory Science Elective ..... 4
- † Humanities Elective ..... 3

**TOTAL CREDITS REQUIRED 69.5**

\* To be selected from HS11, HS12, HS33, HS34, HS51, HS57, HS90.

\*\* MA89 strongly recommended.

† At least one humanities elective must be chosen from either the arts (visual arts, music, theatre) or foreign language. Students planning to transfer to a SUNY four-year institution are advised to select a course in both areas.

‡ Recommended: PH71/72 and PH73/74.

§ Students planning to transfer to a SUNY four-year institution are strongly advised to choose as their social science 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.

♦ 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 88 of this catalog for information on selection of elective courses.*

### REQUIRED CREDIT DISTRIBUTION

Computer Science/Information Technology	24-28 credits
English	6 credits
Humanities	6 credits
Social Science	6 credits
Mathematics	12-16 credits
Science	8 credits
Physical Education	2 credits
Freshman Seminar	1.5 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.

NOTE: Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 88 of this catalog for information on selection of elective courses.

#### REQUIRED CREDIT DISTRIBUTION

Criminal Justice	24 credits
English	6 credits
Social Science	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
Freshman Seminar	1.5 credits
Physical Education	2 credits

# CRIMINAL JUSTICE: POLICE ADMINISTRATION/ CERTIFICATE PROGRAM

Suffolk County Police Academy at  
Suffolk County Community College  
Hegis Code - 5505  
Grant / 431-1

This certificate 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 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.

<b>FIRST SEMESTER: 16.5 credits</b>	<b>Credits</b>
OS15: Freshman Seminar	1.5
EG11: Standard Freshman Composition	.3
*♦ CU11: Sanitation	.3
♦ CU14: Culinary Arts I	.5
AC11: Principles of Accounting I	.4

<b>SECOND SEMESTER: 16-17 credits</b>	
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

<b>SUMMER SEMESTER: 4 credits</b>	
***♦ CU29: Internship/Co-op	.4

<b>THIRD SEMESTER: 18 credits</b>	
♦ 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

<b>FOURTH SEMESTER: 15 credits</b>	
Social Science 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.

### REQUIRED CREDIT DISTRIBUTION

Culinary Arts	36 credits
English/Humanities	9 credits
Business	7 credits
Mathematics/Science	7-8 credits
Social Science	6 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

# 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.

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Curricula

	Field		Clinical		Cr.
	Lec.	Lab.	Week	Week	
<b>FIRST SEMESTER:</b>					
<b>16.5 credits</b>					
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
<b>SECOND SEMESTER: 18-19 credits</b>					
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
<b>THIRD SEMESTER: 17 credits</b>					
♦ 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

<b>FOURTH SEMESTER: 16 credits</b>					
♦ 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
<b>TOTAL CREDITS REQUIRED</b>	<b>67.5-68.5</b>				
♦ These courses constitute the major courses in this curriculum.					

REQUIRED CREDIT DISTRIBUTION	
Nutrition/Dietetics . . . . .	35 credits
English . . . . .	6 credits
Mathematics/Science . . . . .	11-12 credits
Business . . . . .	3 credits
Social Science . . . . .	6 credits
Humanities . . . . .	3 credits
Freshman Seminar . . . . .	1.5 credits
Physical Education . . . . .	2 credits

# 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.

	<i>Lec.</i>	<i>Lab</i>	<i>Cr.</i>				
<b>FIRST SEMESTER: 17.5 credits</b>					Physical Education . . . . .	-	2 1
OS15: Freshman Seminar . . . . .	1.5	-	1.5	<b>THIRD SEMESTER: 15-16 credits</b>			
EG 11: Standard Freshman Composition . . . . .	.3	-	3	***♦ ED33: Instructing the Young Child . . . . .	.2	3	3
*♦ ED11: Foundations of Early Childhood Education . . . . .	.3	-	3	♦ ED35: Creative Activities: Music . . . . .	.3	-	3
PC11: Introduction to Psychology . . . . .	.3	-	3	HC44: Group Dynamics . . . . .	.3	-	3
CO11: Introduction to Human Communication or CO15: Public Speaking . . . . .	.3	-	3	Science or Mathematics Elective . . . . .	3-4	0-3	3-4
** HC11: Health Concepts or HC22: Safety, First Aid and CPR . . . . .	.3	-	3	† Elective (1 course) . . . . .	.3	-	3
Physical Education . . . . .	-	2	1	<b>FOURTH SEMESTER: 16-17 credits</b>			
<b>SECOND SEMESTER: 16 credits</b>				***♦ ED44: The Child and His/Her World . . . . .	.2	6	4
English Elective . . . . .	.3	-	3	♦ ED45: Creative Activities: Literature . . . . .	.3	-	3
*♦ ED22: Early Childhood Activities . . . . .	.3	-	3	SO33: Marriage and the Family .3	-	3	
PC64: Child and Adolescent Psychology . . . . .	.3	-	3	Science or Mathematics Elective3-4	0-3	3-4	
♦ ED25: Creative Activities: Art . .3	-	3		† Elective (1 course) . . . . .	.3	-	3
SO11: Introduction to Sociology . . . . .	.3	-	3	<b>TOTAL CREDITS REQUIRED: 64.5-66.5</b>			

- \* 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 fieldwork 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 Science	12 credits
Oral Communication	3 credits
Health Careers	6 credits
Mathematics/Science	6-8 credits
Unrestricted Electives	6 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

## ENGINEERING AND TECHNOLOGY: COMPUTER-ASSISTED DRAFTING (CAD) / 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 Science Elective	.3	-	3

#### 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**

\* 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 Science	3 credits
Mathematics	4 credits
Freshman Seminar	1.5 credits

# ENGINEERING AND TECHNOLOGY: 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 Science 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.

#### **REQUIRED CREDIT DISTRIBUTION**

Technology . . . . .	45 credits
English . . . . .	6 credits
Humanities . . . . .	3 credits
Social Science . . . . .	3 credits
Mathematics . . . . .	8 credits
Physics . . . . .	4 credits
Freshman Seminar . . . . .	1.5 credits
Physical Education . . . . .	2 credits

# ENGINEERING AND TECHNOLOGY: ELECTRICAL ENGINEERING TECHNOLOGY / 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 Composition	3	-	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 II	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 Science 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.

#### 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 AND TECHNOLOGY: 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.

	<i>Lec.</i>	<i>Lab.</i>	<i>Cr.</i>
<b>FIRST YEAR/FALL: 7 credits</b>			
MA41: Technical Mathematics I . . . . .	4	-	4
♦ TT15: Computer Applications in Telecommunications . . . . .	2	2	3
<b>FIRST YEAR/SPRING: 7 credits</b>			
♦ TT12: Electrical Circuits . . . . .	3	2	4
EG11: Standard Freshman Composition . . . . .	3	-	3
<b>SECOND YEAR/FALL: 8 credits</b>			
MA42: Technical Mathematics II . . . . .	4	-	4
♦ TT22: Electronics I . . . . .	3	2	4
<b>SECOND YEAR/SPRING: 8 credits</b>			
♦ TT20: Telecommunications I: Voice . . . . .	3	2	4
♦ TT24: Digital Electronics I . . . . .	3	2	4
<b>THIRD YEAR/FALL: 8 credits</b>			
PH24: Technical Physics I . . . . .	3	2	4
♦ TT32: Electronics II . . . . .	3	2	4
<b>THIRD YEAR/SPRING: 8 credits</b>			
♦ 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 Science 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 Science . . . . .	3 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>.

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		<i>Lab./</i>					
	<i>Lec.</i>	<i>Rec.</i>	<i>Cr.</i>				
<b>FIRST SEMESTER: 18.5 credits</b>					<b>FOURTH SEMESTER: 17 credits</b>		
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		<b>TOTAL CREDITS REQUIRED: 72.5</b>		
<b>SECOND SEMESTER: 18 credits</b>					* To be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57, HS90.		
EG13: Introduction to Literature .3	.3	-	3		♦ These courses constitute the major courses in this curriculum.		
MA88: Calculus with Analytic Geometry II . . . . .	.5	-	4		NOTE: <i>Students planning to transfer to a SUNY four- year institution should check the SUNY core General Education requirements on page 88 of this catalog for information on selection of elective courses.</i>		
CH34: College Chemistry II . . . . .	.3	4	4		<b>REQUIRED CREDIT DISTRIBUTION</b>		
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
<b>THIRD SEMESTER: 19 credits</b>					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 Protection . . . . . 3
- ♦ FS13: Hazardous Materials I . . . . . 3
- EG11: Standard Freshman Composition . . . 3
- SO11: Introduction to Sociology . . . . . 3
- Mathematics Elective . . . . . 3-4

## SECOND SEMESTER: 16 credits

- ♦ FS24: Hazardous Materials II . . . . . 3
- ♦ FS31: Building Construction and Facilities . . . . . 3
- ♦ FS40: Fire Protection Hydraulics . . . . . 3
- CH19: General Chemistry . . . . . 4
- Humanities Elective . . . . . 3

## THIRD SEMESTER: 15-16 credits

- ♦ FS48: Fire Service Management and Leadership . . . . . 3
- ♦ FS49: Strategies and Tactics . . . . . 3
- ♦ FS71: Industrial Safety Engineering I . . . . . 3
- English Elective . . . . . 3
- Unrestricted Elective . . . . . 3-4

## FOURTH SEMESTER: 16 credits

- ♦ FS50: Arson and Fire Investigation . . . . . 3
- ♦ FS72: Industrial Safety Engineering II . . . . . 3
- HC28: Crash Victim Extrication . . . . . 3
- \* Political Science Elective . . . . . 3
- Laboratory Science Elective . . . . . 4

## 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 Science . . . . . 30 credits
- English . . . . . 6 credits
- Social Science . . . . . 6 credits
- Mathematics/Science . . . . . 11-12 credits
- Humanities . . . . . 3 credits
- Health Careers . . . . . 3 credits
- Unrestricted Elective . . . . . 3-4 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 exercise physiology, physical education, sports 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 as well as advisors at the transfer institution, since transfer credit is determined by the transfer institution. Several articulation agreements are already in place to facilitate transferability.
- obtain employment as fitness instructors, personal trainers, and owners or managers of facilities serving fitness and wellness programs.
- 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. 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 and they should consult the program coordinator.

<b>FIRST SEMESTER: 15.5 credits</b>				<b>THIRD SEMESTER: 16-17 credits</b>			
	<i>Lec.</i>	<i>Lab.</i>	<i>Cr.</i>				
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 Science Elective . . . . .	.3	-	3
♦ PF12: Nutrition and Human Performance . . . . .	.3	-	3	** Mathematics Elective . . . . .	3-4	-	3-4
* Physical Education . . . . .	-	2	1	** Humanities Elective . . . . .	.3	-	3
<b>SECOND SEMESTER: 16 credits</b>				<b>FOURTH SEMESTER: 18-19 credits</b>			
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
				<b>TOTAL CREDITS REQUIRED: 65.5-67.5</b>			

\* PE courses to be selected from PE13: Weight Training, PE19: Fitness Walking, PE21: Jogging & Fitness, PE42: Long Island Hiking, PE44: Body Toning, PE47: Yoga, PE51: Backpacking, PE60: Aerobics, PE62: Step Aerobics, PE63: Cardio-Kickboxing, PE70: Indoor Rock Climbing, PE71: F.A.S.T., 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.

◆ 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 88 of this catalog for information on selection of elective courses.*

#### REQUIRED CREDIT DISTRIBUTION

Fitness Specialist .....	21 credits
English .....	6 credits
Humanities .....	6 credits
Social Science .....	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 art 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 and corporate design, and computer publishing. Although career preparation is an important goal of this program, it also provides a solid foundation in graphic design which 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 course prerequisites.

Students matriculated in the Graphic Design curriculum must achieve a minimum grade of C in each Graphic Design/Visual Arts core course in order to continue on to the next course in the Graphic Design 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

* Business Elective (restricted)	3
** HM51: Developing Creative Imagination in the Arts or EG13: Introduction to Literature	3
♦ VA33: Drawing I	3
♦ VA91: Introduction to Silver-Based Photography	3
♦ GR20: History of Graphic Design	3
♦ GR25: Typographic Design	3

## THIRD SEMESTER: 17 credits

CO11: Introduction to Human Communication	3
♦ VA19: Modern Art	3
♦ VA34: Drawing II	
♦ or VA96: Electronic Imaging	3
♦ GR26: Print Media I	2
♦ GR28: Interactive Production	3
PC11: Introduction to Psychology	3

## FOURTH SEMESTER: 17 credits

Laboratory Science Elective	4
†♦ VA18: Art History II	
†♦ or VA35: Life Drawing I	
†♦ or VA80: Cooperative Education in Photography and Graphic Design	3
♦ GR27: Print Media II	2
♦ GR29: Interactive Media Presentations	3
♦ GR36: Graphic Design Portfolio Preparation and Assessment	1
Physical Education	1
Social Science Elective	3

## TOTAL CREDITS REQUIRED: 69.5-70.5

- \* To be selected from BD57, BD70 or BA53.
- \*\* EG13: Introduction to Literature is recommended for students who are transferring to a four-year institution.
- ♦ These courses constitute the major courses in this curriculum.
- † Students intending to continue on for a baccalaureate degree are advised to take VA18 or VA35; students planning to enter the job market upon graduation should select VA80. *Permission of instructor is required before registering for VA80.*

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	23 credits
Visual Arts	18 credits
Humanities	9 credits
Business	3 credits
Social Science	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 of Allied Health Education Programs (CAAHEP) in cooperation with the Council on Accreditation of the American Health Information Management Association. 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 I . . . . .4
- MD11: Medical Terminology . . . . .3

#### **SECOND SEMESTER: 11 credits**

- ♦ HI16: Health Information: Data Content and Structure . . . . .3
- BY32: Anatomy and Physiology II . . . . .4
- CS11: Introduction to Computing . . . . .4

#### **SUMMER SESSION: 6 credits**

- EG11: Standard Freshman Composition . . .3
- Social Science Elective . . . . .3

#### **THIRD SEMESTER : 9 credits**

- ♦ HI18: Legal Aspects of Health Information . . . . .3
- ♦ HI20: Study of Disease . . . . .3
- MA23: Statistics I . . . . .3

#### **FOURTH SEMESTER: 8 credits**

- ♦ HI25: Health Information Statistics . . . . .3
- ♦ HI27: Directed Clinical Practice I . . . . .2
- ♦ HI35: Coding and Classification Systems . . . . .3

#### **SUMMER SESSION: 3 credits**

- PC11: Introduction to Psychology . . . . .3

**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 Science .....	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 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***Credits*

- 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 Science Elective .....3
- Accounting or Business Elective .....3-4

**SEVENTH SEMESTER: 9 credits**

- ♦ HV30: HVAC/R Internship .....3
- Social Science 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 Science ..... 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

## HELP DESK I AND II / CERTIFICATES

### Hegis Code – 5104

#### Ammerman - Eastern - Grant / 438, 439

Both the Help Desk I and Help Desk II certificate programs are designed to prepare students for entry-level information technology positions. These programs target students who have just completed high school and are seeking short-term training for immediate employment, adults entering the workforce for the first time, adults re-entering the workforce, and adults seeking retraining. Upon completion of this program, students will be able to attain positions such as help desk specialist, microcomputer specialist, microcomputer user specialist, end-user specialist, software trainer, microcomputer technician, microcomputer sales representative, and administrative support professional. Even though a student may choose to seek employment after completing Help Desk I, it is highly recommended that students upgrade their certificate to Help Desk II.

The curriculum is designed to include essential elements from industry-specific certification examinations such as MOUS (Microsoft Office User Specialist) and Comptia A+ Certification. Course work includes operating systems (which will include material on user/resource management, security, printing, system monitoring, backup and system troubleshooting), word processing, spreadsheets, business communications (which will include materials on presentation graphics, scheduling and e-mail), project management and integration, administrative office procedures and Web publishing. Throughout the course work, students learn essential skills such as customer/client relations, analytical problem-solving, working on teams and decision-making. The course work also includes mandatory on-campus internships.

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.*

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#### HELP DESK I / 438

Credits

* OT24: Basic Keyboarding	1
BA25: Business Communications	3
CS22: Spreadsheets for Windows	4
TE50: Workings of a PC	3
IP12: Word	4
CS81: Help Desk I Internship	3

#### TOTAL CREDITS REQUIRED: 18

\* Students with one semester of typing or 20 wpm keyboarding proficiency may request a waiver.

#### REQUIRED CREDIT DISTRIBUTION

Computer Science	14 credits
Business	4 credits

#### HELP DESK II / 439

Credits

BA12: Management of Information Technology	4
CS24: Presentation Graphics and Web Publishing	4
CS28: Installing, Configuring and Administering Microsoft® Windows® XP Professional	4
CS33: Relational Database Applications and Concepts	4
CS82: Help Desk II Internship	3

#### TOTAL CREDITS REQUIRED: 19

#### REQUIRED CREDIT DISTRIBUTION

Computer Science	15 credits
Business	4 credits



## HONORS PROGRAM

### Ammerman – Eastern - Grant

The Honors Program is not a curriculum in and of itself. Rather, it 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 75 of this catalog.

There are three levels of participation in SCCC's Honors Program, as described in the sections which follow.

#### Diploma Sequence

Qualified students may enroll in the Honors Program Diploma Sequence while engaged in a curriculum of their choice. A minimum of sixteen credits in interdisciplinary honors courses and six credits in enhanced honors courses satisfies the diverse requirements for the Honors Program Diploma Sequence. Honors enhanced course requirements are most often met by substituting honors-level sections for regular courses or by completing an individualized contract.

This option is most suitable for students enrolled in the various Liberal Arts and Sciences A.A. curricula and some A.S. curricula. Students who wish to complete the Honors Program Diploma Sequence must include the following among their curriculum requirements/electives:

##### Four Interdisciplinary Honors courses:

- One Humanities  
(e.g., HM77: The Great Romance)
- One Social Science  
(e.g., SC49: American Dreams)
- One Mathematics or Science  
(e.g., MA28: History of Math)
- One additional course

*plus*

**Two Enhanced Honors courses.** It is strongly recommended that one of the supplementary courses be EG11H or EG35H. In addition, students can choose from a variety of courses including honors interdisciplinary courses. In certain limited circumstances a student may, at the discretion of the Honors Program committee, be given permission to substitute two enhanced courses for an interdisciplinary course. Permission is usually granted only when a student needs to meet the admission requirements of a highly restrictive program of study at a four-year institution.

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 usually accomplished by successfully completing a minimum of twelve credits of interdisciplinary honors courses or eight credits of interdisciplinary courses and six credits of enhanced courses.

This option is most suitable for students in most A.A., A.S. and A.A.S. curricula. Students who wish to complete the Honors Program Recognition Sequence must include the following among their curriculum requirements/electives:

**Two Interdisciplinary Honors Courses** chosen from

- Humanities
- Social Science
- Mathematics or Science

*plus*

**Two Enhanced Honors courses.** It is strongly recommended that one of the enhanced courses be EG11H or EG35H. In addition, students can choose from a variety of courses including honors interdisciplinary courses.

*or*

**One additional Interdisciplinary Honors course (in place of the two enhanced 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. These courses are chosen in consultation with the student's academic advisor and must bear a demonstrable intellectual relationship to the student's curriculum. They may consist of honors-level sections of regular courses (e.g., EG11H, MA23H or SO33H), honors contracts between instructor and student done with regular courses, independent study projects, internships, or alternate versions of the honors courses.

Honors course offerings differ from campus to campus, but on each campus the pro-

*continued on next page*

gram centers around four interdisciplinary honors courses in humanities, social science, mathematics/sciences and an elective. Each of these courses examines major historical events, cultural developments and turning points, and the status of its subject in the broader evaluation of society. The classroom experience is one that challenges both students and faculty.

## Graduation Requirements

Students enrolled in the Honors Program are expected to 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.

### SCCC Alumna Profile

**Sandra M. Torres, M.D., Class of 1997**  
Emergency Medicine Physician



When she was in her mid-twenties, employed in banking and the mother of two small children, Sandra Torres decided to change careers and try medicine. To gain experience in patient care, she joined the local volunteer ambulance corps in Central Islip and discovered she had a knack and passion for it.

Next Sandra enrolled at SCCC's Grant Campus—with full scholarship funding—and graduated in 1997. Then it was on to C.W. Post for a bachelor's degree. Again she won full scholarship tuition, this time in an admissions essay contest. At Post she was chapter president of Beta Beta Beta and graduated as valedictorian of the Class of 2000. Four years later she graduated from the Albert Einstein College of Medicine (AECOM), where she won the Dean's Award,

New York City Community Service Fellowship and National Medical Fellowship Award. Sandra also served on AECOM's CPPH committee in the Division of Education, which is charged with seeing that the curriculum meets the demands of changes in society.

Among Sandra's various research activities during medical school, the most interesting to her were studies which focused on identifying depression and HIV in inner city emergency departments (EDs). "That's where health care is happening for the underserved who don't have access to primary care," she says. Her research on depression proved that it is typically under-diagnosed in EDs and that depressed patients who rely on the ED for their primary care are often under-treated. In another of Sandra's projects, she helped to develop an educational video that provided pre-test HIV counseling to patients in the ED when HIV counselors were unavailable.

Now doing her residency in Emergency Medicine at North Shore University Hospital in Manhasset, Sandra looks back on her education at SCCC as an excellent starting point. She was especially impressed with a Western Civilization course she took with Professor Gail Hanson. "Dr. Hanson set high standards for the weekly essays she assigned. It was because of that course I won the C.W. Post scholarship contest and eventually became a doctor."

## HORTICULTURE / A.A.S. DEGREE

Hegis Code - 5402  
Eastern / 367-1

This curriculum provides students with a general foundation in ornamental horticulture during the first year with the second year providing a broad-based approach combining the growing of horticultural crops along with design and training in horticultural management. Students are presented with a combination of classroom instruction and practical experience in the art and science of ornamental horticulture. The program is designed to prepare students for employment in the horticulture industry or for possible transfer to colleges offering four-year degrees in horticulture.

### FIRST SEMESTER: 17.5 credits *Credits*

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: 17 credits

♦ HO41: Plant Protection	3
♦ HO45: Plant Identification	4
English Elective	3
Social Science Elective	3
Humanities Elective	3
Physical Education	1

### THIRD SEMESTER: 16-18 credits

♦ HO55: Landscape Design I	3
♦ HO47: Annuals and Perennials	3
♦ HO50: Horticultural Crops I	3
Business Administration (BA) or Computer Science (CS) Elective	3-4
Mathematics/Science Elective	3-4
Physical Education	1

### FOURTH SEMESTER: 18 credits

♦ HO34: Plant Propagation	3
♦ HO51: Horticultural Crops II	3
♦ HO54: Horticultural Management	3
♦ HO56: Landscape Design II	3
♦ HO91: Horticulture Internship/ Cooperative Education	3
Social Science Elective	3

### TOTAL CREDITS REQUIRED: 68.5-70.5

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

### REQUIRED CREDIT DISTRIBUTION

Horticulture	40 credits
English	6 credits
Humanities	3 credits
Mathematics/Science	7-8 credits
Business/Computer Science	3-4 credits
Social Science	6 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

## 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 also are able to enter two-year or four-year programs for further education in related fields of agriculture or business.

### FIRST SEMESTER: 17.5 credits *Credits*

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

# HUMAN SERVICES / A.S. DEGREE

## Hegis Code - 5501 Ammerman / 212-1

This curriculum provides opportunities for students seeking transfer to bachelor degree programs in social work, counseling or human services as well as for students seeking employment in the 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 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 field work experience in a local human service agency.

Students seeking to transfer to a bachelor degree program are advised to consult the intended transfer institution to ensure a successful transfer. The program has agreements with SUNY at Stony Brook, Adelphi University and Molloy College which facilitate the acceptance of all credits to their bachelor 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.

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. A May 1st filing deadline is recommended for fall admission.

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Curricula

<b>FIRST SEMESTER: 17.5 credits</b>	<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
<b>SECOND SEMESTER: 17 credits</b>			
EG13: Introduction to Literature . . . . .	3	-	3
HC44: Group Dynamics . . . . .	3	-	3
PC60: Developmental Psychology . . . . .	3	-	3
BY14: Principles of Biology . . . . .	3	2	4
♦ SS12: Interviewing in Social Work Practice . . . . .	3	-	3
Physical Education . . . . .	-	2	1

<b>THIRD SEMESTER: 17-18 credits</b>			
** Elective . . . . .	3	-	3
*** Mathematics Elective . . . . .	3-4	-	3-4
♦ SS22: Human Services Seminar and Field Practicum I . . . . .	3	8	5
♦ SS30: Theory and Methods of Helping in the Human Services . . . . .	3	-	3
† Humanities Elective . . . . .	3	-	3
<b>FOURTH SEMESTER: 15 credits</b>			
‡ History Elective . . . . .	3	-	3
§ Social Science Elective . . . . .	3	-	3
Δ Elective . . . . .	3	-	3
♦ SS23: Human Services Seminar and Field Practicum II . . . . .	3	12	6

### **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.

△ SO33, PC80 or HC21 recommended. Students wishing to meet the maximum SUNY General Education requirements should select HS11, HS12, HS20, 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 88 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 Science	15 credits
Mathematics/Science	7-8 credits
Health Careers	3
Electives	6
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; further, 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 Science Elective	3
** Mathematics Elective	3-4
◆ CS28: Installing, Configuring and Administering Microsoft® Windows® XP Professional or CS66: Operating Systems: Linux/UNIX	4

**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 Science 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 science 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 Science	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 Science 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 Science 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 science 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 Science	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 Science 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 Science 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 science 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 Science	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 Science	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. 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 (grades 7-12).

### *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 Science 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	4
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 Science	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 College<sup>1</sup>

### FIFTH SEMESTER: 17 credits Credits

BIO330: Physiology	5
Social Science Elective <sup>2</sup>	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

<sup>1</sup> The B.S. in Biology at St. Joseph's College requires 8 additional credits: Physics 150 and 151.

<sup>2</sup> 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. 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 (grades 7-12).

### *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 Science	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 <sup>1</sup>	.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 <sup>1</sup>	.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 <sup>2</sup>	.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**

<sup>1</sup> 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.

<sup>2</sup> 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. 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 (grades 7-12).

### *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	
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 Science 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 Science	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 Pro-  
gram: 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. 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 (grades 7-12).

#### *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 Science 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 Science	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 College<sup>1</sup>**

**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**

<sup>1</sup> 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. Students can also transfer to other New York State public and private four-year colleges to attain the baccalaureate degrees 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	
(see Note 1)	.3
PC63: The Exceptional Child	.3
*** Philosophy Elective	.3
◇ Mathematics Elective	.3-4
† Music Elective	.3
Physical Education	.1

#### **FOURTH SEMESTER: 19 credits**

‡ Restricted Social Science	
Elective (see Note 1)	.3
Laboratory Science Elective	.4
PO20: State and Local Politics and Government	
or PO25: American National Politics and Government (see Note 1)	.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 or VA19: Modern Art.

- \*\*\* To be selected from PL11: Issues in Philosophy, PL14: Critical Thinking, PL17: History of Philosophy, PL18: World Philosophies, PL23: Ethics.
- † 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, or MU55: Twentieth Century Music.
- ‡ To be selected from HS11: Western Civilization I, HS12: Western Civilization II, HS51: Major World Cultures, GY15: World Regional Geography, GY16: Culture and the Environment, GY17: Political Geography or PO40: World Politics.
- § 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, 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) *Students must complete one American History course, one New York State history or government course and one world history or geography course.*  
 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 Science	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** Credits

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: 133.5-135.5<sup>1</sup>**

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

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

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

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 Science 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 Science 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 Science 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:

- a) If a philosophy course is selected to fulfill the Humanities Elective I, students can select one of the following to fulfill the Humanities Elective II: philosophy, foreign language, English, communications, or any other humanities course designated "HM" except HM60.
- b) If a foreign language course is selected to fulfill the Humanities Elective I, students must fulfill the Humanities Elective II by selecting either the next higher course in the same foreign language or a philosophy course.

† 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 science, 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 88 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 Science 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 science 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 88 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 Science Elective ..... 3
- ◆ Communications Elective ..... 3
- §◆ VA/MU/TH Elective ..... 3
- Mathematics/Laboratory Science Elective ..... 3-4
- △◆ 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 science 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.

△ 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 88 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 Science Elective ..... 3
- Physical Education ..... 1

### FOURTH SEMESTER: 15-16 credits

- Mathematics/Laboratory Science Elective ..... 3
- Ω◆ English Electives (2 courses) ..... 6
- §◆ VA/MU/TH Elective ..... 3-4
- △◆ 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 science 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 88 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 Science 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 science 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 88 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 Literature	3
ID12: Civilization: The Human Experience II	
or HS12: Western Civilization II	3
*♦ Foreign Language	3
†♦ Philosophy Elective	3
*** Mathematics Elective	3-4
Physical Education	1

**THIRD SEMESTER: 17 credits**

Laboratory Science Elective	4
†♦ Philosophy Electives (2 courses)	6
§♦ VA/MU/TH Elective	3
**** American History Elective	3
Physical Education	1

**FOURTH SEMESTER: 15-16 credits**

Mathematics/Laboratory Science Elective	3-4
†♦ Philosophy Elective	3
Ω♦ English Elective	3
‡ Restricted Social Science 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 science 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 88 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.

<b>FIRST SEMESTER: 17.5 Credits</b>	<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

<b>SECOND SEMESTER: 17 Credits</b>	
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

<b>THIRD SEMESTER: 16-19 credits</b>	
♦ Option Elective (see below)	.3
EK22: Microeconomics: Prices and Markets	.3
♦ BA62: Fundamentals of International Business	.3
*♦ Foreign Language Elective	0-3
♦ GY15: World Regional Geography	.3
Liberal Arts Elective	.3
Physical Education	.1

<b>FOURTH SEMESTER: 15-18 credits</b>	
♦ Option Elective (see below)	.3
♦ Option Elective (see below)	.3
♦ HS51: Major World Cultures	.3
*♦ Foreign Language Elective	0-3
**♦ Restricted Social Science Elective	.3
***♦ International Placement	.3

### **Business Option / 110-1**

<b>12 credits</b>	
BD57: Marketing	.3
♦ BD80: International Marketing	.3
♦ BA63: Fundamentals of Exporting and Importing	.3
♦ BA64: International Financial Management	.3

### **Humanities Option / 110-2**

<b>12 credits</b>	
♦ EG60: Contemporary Global Literature	.3
♦ PL18: World Philosophies	.3
†♦ Humanities Electives (2 courses)	.6

### **Social Science Option / 110-3**

<b>12 credits</b>	
HS11: Western Civilization I or HS12: Western Civilization II	.3
♦ HS22: Modern World History	.3
♦ PO40: World Politics	.3
♦ EK51: International Economics	.3

### **TOTAL CREDITS REQUIRED: 65.5-71.5**

\* Students must complete 6-12 credits in a foreign language sequence, at least to the level of Intermediate II (i.e., FR52, GE52, IT52 and SP52). Students who enter with advanced placement beyond Intermediate II can continue with advanced course work in the same language or they can begin another foreign language sequence.

\*\* The restricted Social Science elective must be chosen from the following: HS11, HS12, HS22, PO40, AN20, EK51.

- \*\*\* 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 88 of this catalog for information on selection of elective courses.*

#### REQUIRED CREDIT DISTRIBUTION

English	6-9 credits
Foreign Language	6-12 credits
Social Sciences	12-18 credits
Humanities	3-12 credits
History	3-9 credits
Mathematics and Science	7 credits
Business and Computer Science	7-19 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 Science 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 88 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 each 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 SCIENCE
  - Three social science 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

NOTE: *CH55-56 and PH71-74 are not offered on the Eastern and Grant campuses; PH53-54 are not offered on the Eastern Campus.*

**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 SCIENCE
  - Three social science 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 SCIENCE  
Three social science 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 SCIENCE  
Three social science 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 SCIENCE  
Three social science 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:  
EN19, EN47, CH33-34

**TOTAL CREDITS REQUIRED: 68.5-70.5**

#### BIOTECHNOLOGY OPTION AMMERMAN / 200-8

This option is designed to prepare students for careers in biotechnology. Upon completion of this program graduates will be able to work in a modern biotechnology research or production laboratory such as those found in colleges and universities or private industry. The program is designed to provide academic and hands-on experience in a broad variety of techniques that students encounter in the workplace. In

addition, students will be able to transfer to a variety of four-year colleges and universities where they can complete their bachelor of science degree in biology or biotechnology.

Credits SUBJECT AREA\*

1.5	OS15: FRESHMAN SEMINAR
6	ENGLISH EG11: Standard Freshman Composition and EG13: Introduction to Literature
9	HUMANITIES CO11 and two humanities electives (EG21: Technical Writing is highly recommended)
9	SOCIAL SCIENCE Two social science electives and one history elective to be selected from HS11, HS12, HS22, HS33, HS34, HS51, HS57 and HS90
7-8	MATHEMATICS MA88 must be completed. MA23 is strongly recommended.
2	PHYSICAL EDUCATION
**8	CHEMISTRY CH33, CH45
♦12	BIOLOGY BY50, BY62, BY72
♦14	BIOTECHNOLOGY BY67, BY69, BT20, BT40, BT41
♦3	BIOTECHNOLOGY INTERNSHIP BT56

**TOTAL CREDITS REQUIRED: 71.5-72.5**

\* 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.

\*\* Students already enrolled in college should already have completed CH19 or CH29.

♦ 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 88 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/universiites to continue study in this or a related field.*

**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.

**SUGGESTED FIRST-YEAR PROGRAM:**

<b>34.5-35.5 credits</b>	<i>Credits Each Semester</i>
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 Science Option Courses (see below)	..... 3 3
** MA23: Statistics	..... 3 -
** Laboratory Science Elective	..... - 4
Physical Education	..... 1 1

**SUGGESTED SECOND-YEAR PROGRAM:**

<b>31-33 credits</b>	
English Electives	..... 3 3
CO11, CO12 or CO15	..... 3 -
CS11: Introduction to Computing	... - 4
** Science or Mathematics Electives	... 3-4 3-4
♦ Social Science Option Courses (see below)	..... 3 3
♦ Social Science 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 OPTION<sup>1</sup> / 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 OPTION<sup>2</sup> / 101-4

Semester I Semester II Semester III Semester IV  
PO15 PO25 PO40 PO elective

### ECONOMICS OPTION<sup>3</sup> / 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.

<sup>1</sup> It is recommended that students enrolled in the Psychology Option take BY14 and MA36 as their math/science electives.

<sup>2</sup> It is recommended that students enrolled in the Political Science Option take MA36 as one of their math/science electives.

<sup>3</sup> 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.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 88 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	12 credits
Foreign Language, Humanities and/or American Sign Language	9-10 credits
Computer Science	4 credits
Mathematics and Science	13-15 credits
Social Science	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 Science Elective .....3
- Physical Education .....1

### THIRD SEMESTER: 15-16 credits

- \*♦ Restricted Humanities Elective .....3
- \*\* Restricted Social Science Elective .....3
- 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 science 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 Science 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 88 of this catalog for information on selection of elective courses.*

### REQUIRED CREDIT DISTRIBUTION

English .....	9 credits
Social Science .....	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 . . . . .	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 . . . . .	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 Science 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 Science 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.

NOTES: 1) *Students planning to transfer to a SUNY four-year institution should check the SUNY core General Education requirements on page 88 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 . . . . .	6 credits
Humanities . . . . .	6 credits
Social Science . . . . .	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.

- MU62: Gospel Choir (requires MU92: College Choir as a corequisite)
- MU91: Symphonic Band
- MU92: College Choir
- MU93: Suffolk Singers (requires MU92: College Choir as a corequisite)
- MU95: Jazz Ensemble
- 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 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 the Nursing Program on the Ammerman and Grant campuses. 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 day programs begin in the fall semester. The Ammerman evening program begins in the fall semester. The Grant evening program begins in the spring semester. LPNs admitted to the one-year program with advanced placement begin in the 8-week summer session. The evening program is three years. Licensed Practical Nurses may enter the day or evening program and challenge NR20.

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.

- Filing deadline for all day nursing programs is January 1. Filing deadline for Ammerman evening and summer advanced placement programs is January 1. Filing deadline for the Grant evening program is June 1. All supporting documentation must be received by January 31 for all Ammerman programs and Grant day program, or June 30 for the Grant evening program.
- *An applicant coming directly from high school* must meet the following minimum requirements for admission consideration: an 80 academic average, an 80 in Regents biology and Regents chemistry (exam and course average), Mathematics A or its equivalent, and a score of 21 on the ACT (or SAT equivalent).
- *An applicant already enrolled in college* must meet the following minimum requirements for admission consideration: completion of EG11, PC11, SO11 and BY30 with a cumulative average of 3.0 or better. **BY32 must be completed prior to entrance into the evening program.** All science courses (BY30, BY32 and BY44) must have been completed within 10 years of application submission. **It is strongly recommended that students complete BY32 and BY44 prior to entrance into the nursing program.** Completion of non-nursing courses prior to entrance into the program facilitates progress in the nursing program.
- *Licensed Practical Nurses seeking admission to the advanced placement program* must meet the following minimum requirements: an average of 3.0 or better in EG11, PC11, SO11 and BY30. **BY32 and an English elective must be completed prior to admission. It is strongly recommended that students complete BY44 as well.** NR20 (Fundamentals of Nursing) **must** be challenged by taking the Excelsior College Examinations (previously known as Regents College Examinations) in Fundamentals of Nursing or Nursing Concepts 1 and Nursing Concepts 2. A minimum passing score of C must be earned. Fundamentals of Nursing or Nursing Concepts 1 and Nursing Concepts 2 must have been taken within 5 years of application for admission. For information regarding the challenge examination(s), contact Excelsior College Examinations at (888) 647-2388 or <http://www.excelsior.edu>. Any nursing student currently a Licensed Practical Nurse may challenge the first clinical nursing course (NR20) and, if successful, does not have to be in the summer advanced placement program.
- Licensed Practical Nurses who have been formally accepted into the one-year advanced placement program are required to take NR29 during the summer. All other nursing courses

are required, including NR75 and NR23 but excluding NR33 and NR36 . Licensed Practical Nurses anticipating admission to the advanced standing program can, with permission of the Academic Chair of the Nursing Department, take non-clinical nursing courses (NR15 and NR23).

PLEASE NOTE: A prerequisite 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.*

Please note the following general information items 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.
- Students admitted to the nursing program may be permitted to register for fewer than 12 credits provided they meet the prerequisite and corequisite courses 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 or receive a W in any nursing class must repeat the course. **Only one repeat of one nursing course is permitted.** 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, they will receive an F for that course regardless of the time in the semester this failure occurs.
- Once students have entered the nursing day program, they will have a maximum of four years to complete the nursing sequence. Once students have entered the nursing evening program, they will have a maximum of five years to complete the nursing sequence.
- Applicants to the nursing program may submit one CLEP or similar standardized test score in fulfillment of the EG11, PC11 or SO11 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.

**Ammerman Day Program / 308-1  
Ammerman Advanced Placement Day  
Program / 308-2**

**FIRST SEMESTER: 18.5 credits**

	<i>Lec.</i>	<i>CT*</i>	<i>Lab</i>	<i>Cr.</i>
NR15: Seminar for Nursing Students . . . . .	1.5	-	-	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 Health Nursing I . . . . .	2.5	5	2	5
+♦ NR36: Adult Mental Health Nursing . . . . .	2.5	5	-	4

**SUMMER SESSION (8 weeks): 9 credits  
(Advanced Placement students only).**

**♦ NR29: Nursing . . . . .	5	12	2	9
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**THIRD SEMESTER: 19 credits**

PC60: Developmental Psychology	3	-	-	3
BY44: General Microbiology	3	-	4	4
***♦ NR23: Health Assessment	2	-	2	3
♦ NR40: Adult Health Nursing II	5	10	-	8
***♦ NR75: Nursing: Past, Present and Future	1	-	-	1
English Elective	3	-	-	3
Physical Education	-	-	2	1

**FOURTH SEMESTER: 16 credits**

Humanities Elective	3	-	-	3
‡ Restricted Elective	3	-	-	3
♦ NR46: Child Health Nursing	2.5	5	-	4
♦ NR48: Maternal/Child Health Nursing	2.5	5	-	4
♦ NR75: Nursing: Past, Present and Future	1	-	-	1
Physical Education	-	-	2	1

**TOTAL CREDITS REQUIRED: 72.5**

\* Clinical teaching

\*\* Open only to LPNs who have been formally accepted into the Advanced Placement program.

\*\*\* Required only for Advanced Placement students.

† Not required for Advanced Placement students.

‡ Restricted elective: Social Science, Math or HC44. Contact Nursing Department to discuss alternatives.

♦ 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
Restricted Elective	3	credits
Physical Education	2	credits

**Grant Day Program / 348-1****FIRST SEMESTER: 19.5 credits**

	Lec.	CT*	Lab	Cr.
NR15: Seminar for Nursing Students	1.5	-	-	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
Physical Education	-	-	2	1

**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 Health Nursing I	2.5	5	2	5
♦ NR36: Adult Mental Health Nursing	2.5	5	-	4

**THIRD SEMESTER: 16 credits**

PC60: Developmental Psychology	3	-	-	3
BY44: General Microbiology	3	-	4	4
♦ NR46: Child Health Nursing	2.5	5	-	4
♦ NR48: Maternal/Child Health Nursing	2.5	5	-	4
Physical Education	-	-	2	1

**FOURTH SEMESTER: 18 credits**

Humanities Elective	3	-	-	3
English Elective	3	-	-	3
Unrestricted Elective	3	-	-	3
♦ NR40: Adult Health Nursing II	5	10	-	8
♦ NR75: Nursing: Past, Present and Future	1	-	-	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

**Ammerman Evening Program / 338-1****Grant Evening Program / 347-1****FIRST SEMESTER: 8.5 credits**

	Lec.	CT*	Lab	Cr.
♦ NR15: Seminar for Nursing Students	1.5	-	-	1.5
♦ NR20: Fundamentals of Nursing	4	6	2	7

**SECOND SEMESTER: 11 credits**

♦ NR23: Health Assessment	2	-	2	3
♦ NR33: Adult Health Nursing I	2.5	5	2	5
English Elective	3	-	-	3

**THIRD SEMESTER: 7 credits**

PC60: Developmental Psychology	3	-	-	3
♦ NR36: Adult Mental Health Nursing	2.5	5	-	4

**FOURTH SEMESTER: 8 credits**

BY44: General				
Microbiology	3	-	4	4
♦ NR48: Maternal/Child Health Nursing	2.5	5	-	4

**FIFTH SEMESTER: 8 credits**

Unrestricted Elective	3	-	-	3
♦ NR46: Child Health Nursing	2.5	5	-	4
♦ NR75: Nursing: Past, Present and Future	1	-	-	1

**SIXTH SEMESTER: 11 credits**

Humanities Elective	3	-	-	3
♦ NR40: Adult Health Nursing II	5	10	-	8

**TOTAL CREDITS REQUIRED: 70.5\*\***

- \* Clinical teaching
- \*\* Includes 17 credits for EG11, SO11, 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

**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.

*continued on next page*

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 Therapy ..... 3
- ◆ OA14: Clinical Conditions and Terminology ..... 2
- ◆ OA15: Human Occupation Across the Lifespan ..... 2
- EG11: Standard Freshman Composition ... 3
- BY30: Anatomy and Physiology I ..... 4
- PC11: Introduction to Psychology ..... 3
- OS15: Freshman Seminar ..... 1.5

**SECOND SEMESTER: 17 credits**

- ◆ OA18: Occupational Therapy Media and Applications I ..... 4
- ◆ OA21: Occupational Therapy for Physical Dysfunctions ..... 2
- BY32: Anatomy and Physiology II ..... 4
- PC60: Developmental Psychology ..... 3
- HC44: Group Dynamics ..... 3
- Physical Education ..... 1

**SUMMER SESSION: 4 credits**

- \*◆ OA23: Occupational Therapy Media and Applications II ..... 4

**THIRD SEMESTER: 16-17 credits**

- ◆ OA28: Occupational Therapy Media and Applications III ..... 4
- ◆ OA29: The Management Role of the Occupational Therapy Assistant ..... 2
- EG13: Introduction to Literature ..... 3
- HC22: Safety, First Aid and CPR ..... 3
- Mathematics Elective ..... 3-4
- Physical Education ..... 1

**FOURTH SEMESTER: 15 credits**

- ◆ OA35: Clinical Practice I ..... 6
- ◆ OA45: Clinical Practice II ..... 6
- Humanities Elective ..... 3

**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 (OPTICIANRY) / 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, etc.).

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 1st.

*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**

	<i>Credits</i>
EG11: Standard Freshman Composition . . . . .	3
MA27: Algebra II . . . . .	4
BY37: Anatomy and Physiology of the Eye . . . . .	3
♦ OD11: Ophthalmic Dispensing I . . . . .	2
♦ OD13: Ophthalmic Materials I . . . . .	3
OS15: Freshman Seminar . . . . .	1.5

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

PH37: Geometric and Physical Optics . . . . .	4
♦ OD15: Contact Lenses I . . . . .	3
♦ OD20: Ophthalmic Dispensing II . . . . .	3
♦ OD23: Ophthalmic Materials II . . . . .	3
PC11: Introduction to Psychology . . . . .	3
Physical Education . . . . .	1

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

♦ OD25: Contact Lenses II . . . . .	3
♦ OD30: Ophthalmic Dispensing III . . . . .	3
♦ OD33: Ophthalmic Materials III . . . . .	3
* English Elective . . . . .	3
** Communications Elective . . . . .	3
Physical Education . . . . .	1

### **FOURTH SEMESTER: 18-19 credits**

♦ OD35: Contact Lenses III . . . . .	3
♦ OD37: Principles of Refraction I . . . . .	3
♦ OD40: Ophthalmic Dispensing IV . . . . .	3
♦ OD48: Ophthalmic Externship . . . . .	3
*** Social Science Elective . . . . .	3
† Unrestricted Elective . . . . .	3-4

**TOTAL CREDITS REQUIRED: 67.5-68.5**

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 Science 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 Science 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 Science ..... 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.

### 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 Science 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 Science	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 co-ordinator 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.

<b>FIRST SEMESTER: 18 credits</b>	<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

<b>SECOND SEMESTER: 15 credits</b>	
♦ 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**

<b>AREA ELECTIVES (any two courses)</b>
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.

<b>REQUIRED CREDIT DISTRIBUTION</b>	
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
- ♦ GR31: Introduction to Computer-based Design or 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 Science 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 Science ..... 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, 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 physical therapy (PT) courses in order to continue in the program sequence. A course may be repeated only once. Faculty permission to repeat any course is dependent on the availability of seats at that time. 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. Physics is strongly recommended. The high school applicant must complete BY30 with a grade of C or better in the summer before the program begins. Students already enrolled in college must complete BY30: Anatomy and Physiology I and MA27: Algebra II with a grade of C or better. All applicants must be certified in CPR and First Aid to start the program.

Please contact the Admissions Office for an application and a packet outlining criteria and specific admission policies.

### **FIRST SEMESTER:**

<b>18.5 credits</b>	<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
* PH30: Physics for Health Careers	3	2	-	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: Special Topics in Anatomy and Physiology	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 Science Elective ..... 3 - - 3
- English Elective ..... 3 - - 3

**TOTAL CREDITS REQUIRED: 71.5**

- \* Students may elect to take PH53 and PH54 instead of PH30. Please note that students taking PH53 and PH54 must complete both courses prior to taking PT24: Physical Agents I.
- ♦ These courses constitute the major courses in this curriculum.

**REQUIRED CREDIT DISTRIBUTION**

- Humanities, including English ..... 9 credits
- Social Science ..... 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.

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FIRST SEMESTER: 17.5 credits			
	Lec.	Lab	Cr.
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 Science 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 Science 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 Science . . . . .	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

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.

<b>FIRST SEMESTER: 17.5-18.5 credits</b>	<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
♦ 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
<b>SECOND SEMESTER: 16 credits</b>			
♦ 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
<b>THIRD SEMESTER: 16 credits</b>			
♦ 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
<b>FOURTH SEMESTER: 15-17 credits</b>			
♦ RA40: Fieldwork in Recreation Leadership II	2	12	5
† Health/Human Services Elective	3-4	-	3-4
‡ Restricted Electives (2 courses)	6-7	-	6-7
Physical Education Elective	-	2	1

**TOTAL CREDITS REQUIRED: 64.5-67.5**

- \* To be selected from: MA23, MA61 or higher.
- \*\* Two courses to be selected from RA16, RA17, RA18, 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), SS (Human Services) or RA (Recreation Leadership).
- ‡ Two courses to be selected from two different groups below. At least one social science course must be included in the choices.  
*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.  
*Mathematics:* MA23, MA61 or higher.  
*Foreign Language:* Any FR, GE, IT or SP course except SP20, SP21 and SP22.
- ♦ 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	6 credits
Mathematics/Laboratory Science	7-8 credits
Restricted Electives	6-7 credits
Freshman Seminar	1.5 credits
Physical Education	2 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

	<i>Credits</i>
* 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 Science Elective	.3
Mathematics Elective	.3-4
♦ TH40: Audition Preparation	.3
♦ † TH49: Theatre Portfolio	1.5
♦ TH54: Production Laboratory III	.2
† Humanities Elective	.3
*** Physical Education	.1

#### FOURTH SEMESTER: 18 credits

Social Science 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 88 of this catalog for information on selection of elective courses.*

#### REQUIRED CREDIT DISTRIBUTION

English	6 credits
Communications	3 credits
Humanities	6 credits
Social Science	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

	<i>Credits</i>
* 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: 17 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 Science Elective	.3
Mathematics Elective	3-4
♦ TH17: Basic Theatre Practice: Costume Crafts	.3
♦ TH54: Production Laboratory III	.2
† Humanities Elective	.3
♦ ‡ TH49: Theatre Portfolio	1.5
Physical Education	.1

### FOURTH SEMESTER: 18 credits

Social Science 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 88 of this catalog for information on selection of elective courses.

### REQUIRED CREDIT DISTRIBUTION

English	6 credits
Communications	3 credits
Humanities	6 credits
Social Science	9 credits
Mathematics/Science	7-8 credits
Theatre	33.5 credits
Freshman Seminar	1.5 credits
Physical Education	2 credits

## VETERINARY SCIENCE TECHNOLOGY / A.A.S. DEGREE

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 animal population requires technical support personnel to assist veterinarians in the 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 animal 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.

### *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 A, 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 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.

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.

<b>FIRST SEMESTER: 18-19 credits</b>	<b>Credits</b>
EG11: Standard Freshman Composition . . .	3
Mathematics Elective . . . . .	3-4
BY41: Zoology . . . . .	3
CH21: Introduction to General, Organic and Biochemistry . . . . .	4
*♦ VS12: Introduction to Animal Technology . . . . .	2
♦ VS13: Comparative Anatomy of Domesticated Animals . . . . .	3
<b>SECOND SEMESTER: 18 credits</b>	
EG13: Introduction to Literature . . . . .	3
Social Science Elective . . . . .	3
BY42: Animal Parasitology . . . . .	3
♦ VS22: Veterinary Practice Management . . . . .	2
♦ VS23: Comparative Physiology of Domesticated Animals . . . . .	4
*♦ VS34: Farm Animal Nursing . . . . .	3
<b>THIRD SEMESTER: 15 credits</b>	
♦ VS21: Laboratory Animal Technology . . . . .	3
♦ VS24: Pharmacy and Pharmacology . . . . .	2
*♦ VS31: Animal Clinic Internship I . . . . .	3
♦ VS32: Clinical Laboratory Techniques I . . . . .	3
♦ VS33: Veterinary Cardiology and Radiology . . . . .	4
<b>FOURTH SEMESTER: 18 credits</b>	
Social Science Elective . . . . .	3
BY44: General Microbiology . . . . .	4
♦ VS41: Surgical Nursing and Anesthesiology . . . . .	3
♦ VS42: Clinical Laboratory Techniques II . . . . .	3
*♦ VS43: Animal Clinic Internship II . . . . .	3
Physical Education . . . . .	2
<b>TOTAL CREDITS REQUIRED: 69-70</b>	

**SUGGESTED EVENING SEQUENCE  
(four years including summers)**

<b>SUMMER SEMESTER I: 6-7 credits</b>	<b>Credits</b>
EG11: Standard Freshman Composition . . .	3
Mathematics Elective . . . . .	3-4
<b>FIRST SEMESTER: 5 credits</b>	
*♦ VS12: Introduction to Animal Technology . . .	2
BY41: Zoology . . . . .	3
<b>SECOND SEMESTER: 6 credits</b>	
♦ VS13: Comparative Anatomy of Domesticated Animals . . . . .	3
*♦ VS34: Farm Animal Nursing . . . . .	3

<b>SUMMER SEMESTER II: 7 credits</b>	
CH21: Introduction to General, Organic and Biochemistry . . . . .	4
EG13: Introduction to Literature . . . . .	3
<b>THIRD SEMESTER: 7 credits</b>	
♦ VS23: Comparative Physiology of Domesticated Animals . . . . .	4
BY42: Animal Parasitology . . . . .	3
<b>FOURTH SEMESTER: 8 credits</b>	
♦ VS24: Pharmacy and Pharmacology . . . . .	2
♦ VS22: Veterinary Practice Management . . . . .	2
BY44: General Microbiology . . . . .	4
<b>SUMMER SEMESTER III: 6 credits</b>	
Social Science Elective . . . . .	3
Social Science Elective . . . . .	3
<b>FIFTH SEMESTER: 7 credits</b>	
♦ VS32: Clinical Laboratory Techniques I . . . . .	3
♦ VS33: Veterinary Cardiology and Radiology . . . . .	4
<b>SIXTH SEMESTER: 6 credits</b>	
♦ VS42: Clinical Laboratory Techniques II . . . . .	3
♦ VS21: Laboratory Animal Technology . . . . .	3
<b>SUMMER SEMESTER IV: 3 credits</b>	
*♦ VS31: Animal Clinic Internship I . . . . .	3
<b>SEVENTH SEMESTER: 3 credits</b>	
♦ VS41: Surgical Nursing and Anesthesiology . . . . .	3
<b>EIGHTH SEMESTER: 3 credits</b>	
*♦ VS43: Animal Clinic Internship II . . . . .	3
<b>TOTAL CREDITS REQUIRED: 67-68</b>	
* Students are required to provide their own transportation to off-campus field experiences.	
♦ These courses constitute the major courses in this curriculum.	

<b>REQUIRED CREDIT DISTRIBUTION</b>	
Veterinary Science Technology . . . . .	38 credits
English . . . . .	6 credits
Social Science . . . . .	6 credits
Mathematics . . . . .	3-4 credits
Science . . . . .	14 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.

Students seeking admission to the Visual Arts curriculum should be prepared to meet a portfolio review. Information regarding that requirement can be obtained from the Admissions Office, the Art Department (Ammerman Campus) or the Arts and Humanities Department (Grant Campus).

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*

Entering students need high school-level art experience and must submit portfolio pieces for departmental review. 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 Science 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 Science 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 Science:** 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 88 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 Science . . . . .	9 credits
Mathematics/Science . . . . .	7-8 credits
Freshman Seminar . . . . .	1.5 credits
Physical Education . . . . .	2 credits

## SCCC Alumnus Profile

**Thomas J. McAteer, Jr., Class of 1976**  
**President and CEO, Vytra Health Plans**

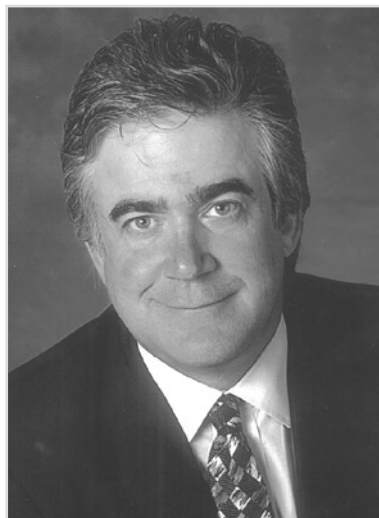
“Suffolk County Community College provides the first step in the collegiate journey to greater knowledge and career development,” says Tom McAteer, a member of the first class to graduate from the Grant Campus. As president and CEO of Vytra Health Plans, Tom has put his Suffolk experience to use in an exceptional career.

After graduating from Suffolk, Tom earned a bachelor’s degree and M.B.A. from Hofstra University and completed a post-graduate program at Columbia University, Managing the Enterprise, in 1985. In 2000 he was awarded an honorary doctorate of Commercial Sciences from Dowling College.

Tom joined Vytra Health Plans in 1993 as assistant to the president, was appointed chief operating officer and executive vice president in 1998, and became president and CEO in 2000. Vytra is the largest Long Island-based health plan and 11th largest privately held corporation with \$345 million in annual revenue, 200,000 members, and over 25,000 provider offices. In 2003 Tom was also appointed executive vice president for Brand Leadership of HIP Health Plan of New York, which acquired controlling interest in Vytra in December 2001.

An avid supporter of the community, Tom is past chair of the Long Island Coalition for Fair Broadcasting and serves on several boards, including the Nature Conservancy, Long Island Philharmonic, Old Westbury Foundation, Hofstra University’s Honors College, and Friends of Karen. He was inducted into the Long Island Softball Hall of Fame in 1992 and the Suffolk County Sports Hall of Fame in 2001.

Numerous organizations have recognized Tom for his efforts to improve the quality of life on Long Island. Since 1994 he has received the Suffolk County Community College President’s medal, Dowling College’s Distinguished Citizen Award, the Long Island Arthritis Foundation’s Life Enrichment Award, and Transitional Services for Long Island’s Human Services award.





# Courses

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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.

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## 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 Math-

ematics 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 Master Class Schedule, published four times each year, 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.

### 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.

## 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.

### 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 activities will be carried out and must be made in consultation with a faculty member who will serve as instructor for the course. A proposal for independent study must include a rationale for the course, a statement of objectives to be achieved, and a description of activities to be carried out in order to achieve those objectives. Approval by the 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.



## 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 Engineering Technology	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	(Latin and Chinese) FL/FLA, (French) FR / FRE, (German) GE / GER, (Italian) IT / ITL, (Spanish) SP / SPN
Graphic Design	GR / GRD
Humanities	HM / HUM
Interior Design	IN / INT
Journalism	JN / JRN
Music	MU / MUS
Philosophy	PL / PHL
Theatre Arts	TH / THR
Visual Arts	VA / ART
Women's Studies	WS / WST, HM / HUM, ID / IND, 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
Emergency Medical Care	HC / HSC
Fitness Specialist	PF / PFS
Health Careers	HC / HSC

### Health Information Technology/

Medical Records	HI / HIT
Hospice Care	HC / HSC
Human Services	SS / HUS
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
Biotechnology	BT / BIT
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*	CM / 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 / 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

#### 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.* A-E-G / 4 cr. hrs.

### AC12 / ACC102

#### 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.

A-E-G / 4 cr. hrs.

### AC13† / ACC113

#### 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.

A-E-G / 2 cr. hrs.

### AC14† / ACC114

#### 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.

A-E-G / 2 cr. hrs.

### AC15 / ACC115

#### MANAGERIAL ACCOUNTING

Emphasis on attention-directing and problem-solving functions of accounting with respect to management planning and controlling fiscal activities. Recommended for all students outside accounting emphasis. Prerequisite: AC11.

A-E-G / 3 cr. hrs.

### AC16 / ACC116

#### PRACTICAL ACCOUNTING

Includes three practice sets specially designed to provide students opportunity to prepare federal and state tax forms relating to depreciation, payroll, sales tax, and corporate income and franchise taxes. Also covers the one-write system, bank reconciliations and physical inventory procedures. Prerequisite: AC11, or AC13 and AC14.

A-E-G / 3 cr. hrs.

### AC17 / ACC117

#### 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.

E / 3 cr. hrs.

### AC19 / ACC119

#### 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.

A-G / 3 cr. hrs.

### AC26 / ACC126

#### GOVERNMENTAL ACCOUNTING

Introduction to concepts and procedures of fund accounting as applied to government and nonprofit institutions. Topics include principles of fund accounting, appropriations, encumbrances, expenditures, and problems and procedures related to use and control aspects of budgets. Prerequisite: AC11.

A-E-G / 3 cr. hrs.

### AC37† / ACC137

#### COMPUTER ACCOUNTING PRINCIPLES

Introductory course providing students with real-life exposure to use of major accounting applications programs on a microcomputer. Payroll, receivables, payables, inventory as well as integrated packages are utilized. Prerequisite: AC11.

A-E-G / 4 cr. hrs.

### AC41-44A / ACC141-144A

### AC45-47E / ACC145-147E

### AC48-50G / ACC148-150G

#### SPECIAL TOPICS IN ACCOUNTING

Special and current topics in accounting. Content varies from year to year.

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

### AC51 / ACC201

#### INTERMEDIATE ACCOUNTING I

Stresses theoretical and analytical aspects of financial accounting. Topics include the Balance Sheet and Income Statement with particular emphasis on current assets, fixed assets and current liabilities. Pertinent pronouncements of the Financial Accounting Standards Board (FASB) are an integral part of the course. Prerequisite: AC12.

A-E-G / 4 cr. hrs.

**AC52 / ACC202****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. A-E-G / 4 cr. hrs.

**AC70 / ACC210****COST ACCOUNTING**

Basic principles and procedures of cost accounting and cost control in a manufacturing organization through study of job order, process and standard cost procedures, budgeting, predetermined cost, variance and decision analysis. Prerequisite: AC12 or AC15. A-E-G / 4 cr. hrs.

**AC82† / ACC212****ELECTRONIC SPREADSHEET APPLICATIONS FOR ACCOUNTING**

Concentrates on financial and managerial accounting applications with particular emphasis on using advanced spreadsheet financial functions related to recording business transactions; developing adjusted trial balance; preparing financial statements; analyzing and presenting accounts receivable; analyzing inventory; accounting for property, plant, and equipment; examining bonds payable and time value of money; evaluating performance; understanding cost-volume-profit relationships; and capital budgeting supported by spreadsheet graphics, database and macro capabilities. Prerequisites: AC11 and either AC37, BA22 or CS11. A-E-G / 4 cr. hrs.

**AC84 / ACC214****CORPORATE FINANCE**

Introductory course in business financial management. Deals with need for funds within the firm and alternative institutions and financial instruments available. Prerequisite: AC12. A-E-G / 3 cr. hrs.

**AC88 / ACC218****FEDERAL INCOME TAXATION**

History of income taxation, gross income and exclusions therefrom; deductions; credits; exemptions; capital gains; depreciation, inventory and accounting methods; accounting records; preparation and filing of tax returns, with special emphasis on small business and individual taxpayers. Prerequisite: AC12 or AC15. A-E-G / 3 cr. hrs.

**AMERICAN SIGN LANGUAGE****SL10† / ASL101****AMERICAN SIGN LANGUAGE I**

Introduces American Sign Language, the visual-gestural language of the deaf. Incorporates nonverbal communication techniques, basic vocabulary, grammar principles and conversational skills. (3 hrs. lecture, 3 hrs. laboratory.) A / 4 cr. hrs.

**SL14† / ASL105****AMERICAN SIGN LANGUAGE II**

Expands skills in American Sign Language. Emphasis placed on expressive and receptive conversational skills including vocabulary expansion, deaf idioms and creative use of visual vernacular. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: SL10. A / 4 cr. hrs.

**SL20† / ASL201****AMERICAN SIGN LANGUAGE III**

Further development of manual fluency in American Sign Language. Stress placed on conversational regulators, facilitating behaviors, morphological process, subtle non-manual cues, sign fluidity and casual vs. citation sign formations. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: SL14. A / 4 cr. hrs.

**SL22† / ASL220****AMERICAN SIGN LANGUAGE IV**

Integrates well-developed American Sign Language communicative skills with interactive opportunities within the community of language users, i.e., the deaf community. Emphasis on cultural aspects inherent in the language: literature, values and attitudes, regional and social variations. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: SL20. A / 4 cr. hrs.

**SL23 / ASL103****DEAF CULTURE AND CONTEMPORARY ISSUES**

Introduces culture and heritage of deaf Americans and recent developments in fields of sign language and deafness. Covers causes of deafness, degrees of hearing impairment; educational, linguistic and social needs of deaf individuals; diverse philosophies of deaf education, and roles of professionals working with deaf people. Familiarizes students with contemporary issues and current trends. Presents future employment opportunities for persons with American Sign Language skills. No prerequisite. A / 3 cr. hrs.

**SL24 / ASL203****FINGERSPELLING**

Introduces manual representation of words of a spoken language. Emphasis on development of hand configuration, basic word patterns, rhythm and fluidity. Additional focus placed on fingerspelled loan signs. Prerequisite: SL14. A / 2 cr. hrs.

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) sequence.

**SL26 / ASL205**

**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, Colonosmos 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. A / 3 cr. hrs.

**SL28 / ASL210**

**COMPARATIVE LINGUISTICS: ASL AND ENGLISH**

Emphasizes importance of the student understanding the two languages: American Sign Language and English, and working between the two languages as an interpreter or worker in the deaf community. Provides in-depth study of phonology, morphology, syntax and semantics of American Sign Language in comparison with those of English. Prerequisite: SL20. A / 3 cr. hrs.

**SL32† / ASL212**

**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. A / 3 cr. hrs.

**SL34† / ASL222**

**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. A / 3 cr. hrs.

**SL38† / ASL230**

**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, 3 hrs. laboratory.) Prerequisites: SL20 and SL26. A / 4 cr. hrs.

**SL43† / ASL240**

**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. Registration requires that the student purchase liability insurance through the college. (2 hrs. lecture, 12 hrs. fieldwork.) Students must be available during the day for fieldwork assignments. Prerequisites: SL26, SL32 and SL34.

A / 5 cr. hrs.

**ANTHROPOLOGY**

**AN11 / ANT101**

**CULTURAL ANTHROPOLOGY**

Introductory course studying broad range of cultural similarities and differences among human populations. Using ethnographic accounts as a database, initial focus is on non-Western cultures. Comparisons with more technologically advanced cultures provide important insights into how culture works.

A-E-G / 3 cr. hrs.

**AN20 / ANT211**

**CARIBBEAN CULTURES**

Interdisciplinary study of historical and contemporary elements of diverse cultures in the Caribbean. Topics include history, economics, social institutions, cultural patterns and the arts. May be taken for social science or humanities credit. No prerequisite.

G / 3 cr. hrs.

**AN21 / ANT103**

**PHYSICAL ANTHROPOLOGY**

Explores fields of paleontology, primatology and human physical variation as they relate to human evolution. Change and stability, adaptation and extinction are major themes. Findings from evolutionary biology, behavioral ecology, and the hominid fossil record are integrated in order to understand the transition from ape to human. Where do we come from? Why do we behave the way we do? Where are we going?

A-E-G / 3 cr. hrs.

**AN31 / ANT105**

**INTRODUCTION TO ARCHAEOLOGY**

Explores basic concepts and methods of archaeological research, including nature of the archaeological record and how archaeologists generate and analyze data. Excavation, analysis and interpretation of material remains from well-known Old World and New World prehistoric and historic sites are examined. Cultural variation and culture change are major themes. Emphasizes application of these concepts to our own culture.

A / 3 cr. hrs.

AN41-44A / ANT220-223A

AN51-54G / ANT224-226G

AN61-64E / ANT227-229E

**SPECIAL TOPICS IN ANTHROPOLOGY**

Special and current topics in anthropology. Content varies from year to year. A-E-G / 3 cr. hrs. each

AN45† / ANT201

**FIELDWORK IN ANTHROPOLOGY**

Introduction to fieldwork techniques. Specific culture studies vary from year to year. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite. Offered summer only.

A / 3 cr. hrs.

AN50 / ANT203

**ANTHROPOLOGY OF RELIGION**

Studies religion as an institution in primitive society. Places emphasis on anthropological methodology as a tool for understanding folk religious systems. Works of such anthropologists as Durkheim, Malinowski, Boas and Levi-Strauss are considered as they pertain to religious development. Application of anthropological methodology is demonstrated by use of North American, South American, Oceanic and African culture areas. Prerequisite: AN11.

G / 3 cr. hrs.

AN55 / ANT205

**NATIVE AMERICANS**

Archaeology, prehistory and traditional development of Native American culture. Explores diversity of American Indian culture in terms of social systems, institutions and behavior patterns. Groups such as the Aztec, Navajo, Pueblo and Eskimo are studied in relation to their environmental adaptation and cultural development. Prerequisite: AN11.

A / 3 cr. hrs.

**APPLIED TECHNOLOGY**

AP10 / APT101

**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.

A / 4 cr. hrs.

**AUTOMOTIVE SERVICE SPECIALIST**

AT12† / AUT112

**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.)

A / 3 cr. hrs.

AT14† / AUT114

**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.)

A / 3 cr. hrs.

AT16† / AUT115

**SPECIALIZED ELECTRONICS**

Basic concepts of electricity and electronics which must be understood as preliminary to study of automotive electrical and electronic systems. Topics include current, voltage, resistance, series and parallel circuits, magnetism, inductance, capacitance, D.C. current and digital electronics. Laboratory provides opportunity to study circuits and components both theoretically and as found in actual automotive components. (30 hrs. lecture; 30 hrs. laboratory.)

A / 3 cr. hrs.

AT18† / AUT118

**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.)

A / 3 cr. hrs.

AT20-30-40-50 / AUT120-230-240-250

**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. Registration in each of these courses requires that students purchase liability insurance through the college. Students work 35 or 40-hour week standard in industry. Each student must complete total of 1024 hours over the four practicum units.

A / 1 cr. hr. each

AT22† / AUT222

**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.

A / 3 cr. hrs.

AT24† / AUT224

**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.

A / 3 cr. hrs.

**AT26† / AUT226****FUEL INJECTION AND ENGINE  
EMISSION SYSTEMS**

Combustion by-products contained in gasoline engine exhaust: carbon monoxide, oxides of nitrogen, unburned hydrocarbons, oxygen. Focus on systems used in vehicles to control these emissions. Students learn procedures and accurate specifications necessary to achieve desired vehicle emissions, including driveability diagnosis. Environmental rules and regulations and their impact on automotive repair industry discussed. (30 hrs. lecture; 30 hrs. laboratory.) Prerequisites: AT16 and AT18. A / 3 cr. hrs.

**AT32† / AUT232****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. A / 3 cr. hrs.

**AT34† / AUT234****ENGINE THEORY AND OVERHAUL**

Begins with principles of internal combustion engine. Components and functions of gasoline engines studied. Engines are properly disassembled, parts identified, inspected, measured and reassembled. Engine break-in and proper testing demonstrated. Emphasis on troubleshooting and proper diagnosis. (30 hrs. lecture; 30 hrs. laboratory.) Prerequisites: AT16 and AT18. A / 3 cr. hrs.

**AT36† / AUT236****AUTOMOTIVE SERVICE  
PRODUCTIVITY AND EFFICIENCY**

Different theories related to running productive service department. Students study ways to improve productivity which increase their performance, evaluation of specialized tools vs. their cost, costs of purchasing tools on time, evaluation of repair procedures for safety, and timesaving steps. Students conduct time study as part of course. (45 hrs. lecture.) Prerequisite: AT30. A / 3 cr. hrs.

**AT38† / AUT238****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. A / 3 cr. hrs.

**AT42† / AUT242****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.) A / 3 cr. hrs.

**AT46 / AUT242****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.) A / 3 cr. hrs.

**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 / BNK101****INTRODUCTION TO MONEY AND  
FINANCE**

Basic coverage of money and credit creation, financial markets and financial decision-making. No prerequisites. E-G / 3 cr. hrs.

**BF18 / BNK103****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. G / 3 cr. hrs.

**BF28 / BNK201****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. G / 3 cr. hrs.

**BF35 / BNK203****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. E-G / 3 cr. hrs.

**BF45-47G / BNK245-247G****BF48-50E / BNK248-250E****SPECIAL TOPICS IN BANKING  
AND FINANCE**

Special and current topics in banking and finance. Content varies from year to year. E-G / 3 cr. hrs. each

**BF59 / BNK205****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.

G / 3 cr. hrs.

**BIOLOGY**

Note:

- BY10-19 Courses specifically designed for non-science majors  
 BY20-29 Intermediate 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****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. A-E-G / 4 cr. hrs.

**BY16† / BIO103****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. A-G / 4 cr. hrs.

**BY17† / BIO105****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. E / 4 cr. hrs.

**BY18† / BIO208****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. A-E-G / 4 cr. hrs.

**BY19† / BIO109****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. A / 4 cr. hr.

**BY20† / BIO210****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. A-E / 4 cr. hrs.

**BY21† / BIO111****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. E / 4 cr. hrs.

**BY29† / BIO219****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. A / 4 cr. hrs.

**BY30-32† / BIO130-132****ANATOMY AND PHYSIOLOGY I AND 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.) Prerequisites for BY30: MA07 and high school chemistry or CH19 or equivalent. Recommended: high school biology, BY14 or BY17. Prerequisite for BY32 is BY30.

A-E-G / 4 cr. hrs. each

**BY37 / BIO137****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.*

G / 3 cr. hrs.

**BY41† / BIO141****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.*

G / 3 cr. hrs.

**BY42† / BIO242****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.*

G / 3 cr. hrs.

**BY44† / BIO244****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.

A-E-G / 4 cr. hrs.

**BY46† / BIO246****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.

A / 4 cr. hrs.

**BY50-52† / BIO150-152****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.

A-E-G / 4 cr. hrs. each

**BY62† / BIO262****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.

A / 4 cr. hrs.



**BY67† / BIO267****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. A / 4 cr. hrs.

**BY69† / BIO269****BIOTECHNOLOGY AND MOLECULAR BIOLOGY II**

Introduces advanced laboratory techniques used in molecular biology and biotechnology laboratories. Includes Southern blot probe preparation hybridization methods, protein technology such as polyacrylamide gel electrophoresis and Western blot, immunoelectrofocusing, protein purification and immunological essays. Includes library construction and library screening, DNA sequencing and other emerging techniques. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: BY67. A / 4 cr. hrs.

**BY70† / BIO270****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. A / 4 cr. hrs.

**BY72† / BIO272****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. A / 4 cr. hrs.

**BY81-84A / BIO251-253A****BY85-87G / BIO254-256G****BY88-90E / BIO257-259E****SPECIAL TOPICS IN BIOLOGY**

Special and current topics in biology. Content varies from year to year. A-E-G / 3-4 cr. hrs. each

**SE15 / ENV115****ENVIRONMENTAL ISSUES**

Focuses on cause and effect relationship of pollution and environmental degradation. Emphasis on current environmental issues threatening well-being of earth's ecosystems, resources and populations. Special attention given to Long Island's environmental problems. E / 3 cr. hrs.

NOTE: *Credit given for SE15 or SE28, but not both. Does not fulfill a laboratory science requirement.*

**SE28 / ENV128****CONTEMPORARY ENVIRONMENTAL PROBLEMS**

Identifies and examines current environmental problems from viewpoint of environmental, social, political and economic consequences. Solutions are formulated and their impacts examined. A / 3 cr. hrs.

NOTE: *Credit given for SE28 or SE15, but not both. Does not fulfill a laboratory science requirement.*

**SM27H / SCI127H****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. Implication 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 useful. A / 4 cr. hrs.

**BIOTECHNOLOGY**

NOTE: *BT / BIT courses do not satisfy laboratory science requirements in any curriculum.*

**BT20† / BIT102****INTRODUCTION TO BIOTECHNOLOGY**

Introduces basic skills and knowledge necessary for proper laboratory practices. Emphasis on laboratory safety, use of biological and molecular biology equipment, micropipetting, solution preparation and calculations, pH, proper data recording, determination of DNA and protein concentration using spectrophotometry, media preparation, antibiotic manipulation, bacterial culture, large scale plasmid preparation and other basic laboratory techniques. All techniques performed following standard protocols used in biotechnology industry and research laboratories. (4 hrs. laboratory.) Prerequisite: high school chemistry and biology and MA27 or equivalent. A / 2 cr. hrs.

**BT40 / BIT240**

**BIOTECHNOLOGY SEMINAR IN BIOTECHNOLOGY I**

Discussion of selected aspects of biotechnology and molecular biology. Topics include molecular methods for detection, analysis and possible treatment of human disease; oncogenes and anti-oncogenes; infectious disease and metabolic disorders, both simple (single gene) and complex, etc. (2 hrs. seminar). Prerequisite: BY67. A / 2 cr. hrs.

**BT41 / BIT241**

**BIOTECHNOLOGY SEMINAR IN BIOTECHNOLOGY II**

Includes speakers from biotechnology industry, field trips to biotechnology laboratories, special topics such as radiation safety, quality control, resumé writing and interviewing. (2 hrs. seminar). Prerequisite: BY69. A / 2 cr. hrs.

**BT56 / BIT256**

**BIOTECHNOLOGY INTERNSHIP**

All students in biotechnology program must complete internship in either an industrial or academic lab in order to graduate. Internships provide opportunity for students to learn about biotechnology in a work setting and opportunity for companies to participate in student training and evaluate prospective employees. Provides practical experiences in field of biotechnology. Students who have completed most or all of their course work in biotechnology program are given opportunity to acquire work-related skills through cooperative effort with local biotechnology companies. Registration in this course requires that students purchase liability insurance through the college. Prerequisites: CH33, CH45, BY69 and BY72. A / 3 cr. hrs.

**BUSINESS ADMINISTRATION**

**Business: Law**

**BL40 / LAW101**

**INTRODUCTION TO LAW**

Introduces an understanding of law through its forms, classifications and sources. Impact of law as influenced by political, social and economic needs; legal rights and their enforcement; federal and state court systems; and functions of administrative agencies. A study of the lawsuit, jurisdiction, pleadings, preparation of forms and role of the paralegal. No prerequisite. A-E-G / 3 cr. hrs.

**BL41 / LAW103**

**INTRODUCTION TO PARALEGAL STUDIES**

Introduces roles that paralegals fill in the American legal system. Students examine ethical considerations of a paralegal and fundamental concepts a paralegal needs to understand. Includes materials designed to develop basic legal skills such as interviewing, investigation, research and writing as a foundation for the other courses in the paralegal program. No prerequisite. A-G / 3 cr. hrs.

**BL43 / LAW202**

**CIVIL LITIGATION**

In-depth study of all tools and procedures available to an attorney in preparing for and conducting civil litigation. Emphasis placed on preparing motions, subpoenas, gathering evidence, documentation and witnesses. Prerequisites: BL40 and BL41 or approval of instructor. A-G / 3 cr. hrs.

**BL47 / LAW105**

**LAW OFFICE MANAGEMENT AND PRACTICES**

Serves as a basis for all types of law offices through a study of general management principles and practices applied to office operations. Includes billing practices, bookkeeping, filing, telephone techniques and correspondence. No prerequisite. A-G / 3 cr. hrs.

**BL50 / LAW260**

**PARALEGAL INTERNSHIP**

An internship program conducted in various Suffolk County government departments, private business legal departments and private law offices. Students have opportunity to relate skills learned in the classroom to actual law office applications and to acquire experience in a law office setting. Registration in this course requires that students purchase liability insurance through the college. Internship hours: average of eight hours per week. Class meetings: a one-hour session per week. Prerequisites: BL47 and BL80. *Students must also be Paralegal majors and receive permission of director of Paralegal program.*

A-G / 3 cr. hrs.

**BL51-54A / LAW251-254A**

**BL55-57G / LAW255-257G**

**BL58-60E / LAW258-260E**

**SPECIAL TOPICS IN BUSINESS LAW**

Special and current topics in Business Law. Content varies from year to year. A-E-G / 3 cr. hrs. each

**BL70 / LAW107**

**LAW FOR BUSINESS**

Introductory course exploring most significant activities in business law with emphasis on specific knowledge essential for managers in workplace. No prerequisite. A-E-G / 3 cr. hrs.

NOTE: *Credit given for BL70 or the combined sequence of BL71/BL72, but not both.*

**BL71 / LAW111**

**BUSINESS LAW I**

Introduction to law: law as a social institution, its origin, development and administration; law of contracts, agency, employment, insurance, government regulations of business. Emphasis on personal property, bailments and real property. No prerequisite. A-E-G / 3 cr. hrs.

NOTE: *Credit given for the combined sequence of BL71/BL72 or for BL70, but not both.*

**BL72 / LAW212****BUSINESS LAW II**

Continuation of Business Law I. Commercial paper, creditors rights, secured transaction, partnerships, corporation, agency, wills and estates. Emphasis on Uniform Commercial Code. Prerequisite: BL71.

A-E-G / 3 cr. hrs.

NOTE: *Credit given for the combined sequence of BL71/BL72 or for BL70, but not both.*

**BL75 / LAW215****LAW OF PROPERTY**

Study of property ownership, closings, property management, property financing, and instruments pertaining thereto including development of consumer rights and usury statute analysis. Students trained to assist in investigation, preparation and maintenance of records necessary to perform the above services in a corporate law department or law office. Prerequisites: BL40 and BL41 or approval of instructor.

A-G / 3 cr. hrs.

**BL78 / LAW218****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.

A-G / 3 cr. hrs.

**BL80 / LAW240****LEGAL RESEARCH**

Provides an understanding of functions of the law library and develops research skills through use of digests, encyclopedias, reporter systems and practice manuals. Requires participation in drafting special research projects and preparation of pleadings. Prerequisites: BL40 and BL41 or approval of instructor. *Enrollment open only to students in Paralegal curriculum.*

A-G / 3 cr. hrs.

**BL82 / LAW242****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.

A-G / 3 cr. hrs.

**BL84 / LAW244****PARTNERSHIP AND CORPORATION LAW**

Review of legal aspects in formation of business entities, including sole proprietorship, partnership and corporation, with a survey of fundamental principles of law applicable to each and preparation of documents necessary to organization and operation of each. Prerequisites: BL40 and BL41 or approval of instructor.

A-G / 3 cr. hrs.

**BL86 / LAW246****ESTATES, TRUSTS AND WILLS**

Study of wills and trusts and survey of fundamental principles of law applicable to each. Also, a study of organization and jurisdiction of 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.

A-G / 3 cr. hrs.

**BL87 / LAW250****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.

A-G / 3 cr. hrs.

**Business: Management****BA11 / BUS101****INTRODUCTION TO BUSINESS**

Delves into the most significant activities in business. Topics include ownership, organization, marketing, purchasing, production, business finance, personnel, labor relations and government regulation. Recommended as background for further studies in business. No prerequisite.

A-E-G / 3 cr. hrs.

**BA12 / BUS103****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.

A-E-G / 4 cr. hrs.

**BA15 / BUS105****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.

A-E-G / 3 cr. hrs.

**BA21 / BUS107****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.*

A-E-G / 3 cr. hrs.

**BA22 / BUS112****COMPUTING FOR BUSINESS**

State-of-the-art computer skills related to business major. Emphasis on integrated problem-solving approach. Trains students to make bottom-line decisions using "what if" models and decision trees. Business presentation skills presented using PowerPoint. Current technological business research skills emphasized. Students required to construct one-page business Web site. No prerequisite.

A-E-G / 4 cr. hrs.

NOTE: *Credit given for BA22 or CS11, but not both.*

**BA25 / BUS117****BUSINESS COMMUNICATIONS**

Principles of business communication as they relate to the contemporary business organization. Emphasis on management approaches and solutions to communication problems unique to the business community. Topics include word/information processing, employment communication, and effective preparation of business correspondence and reports. Resume writing and marketing oneself for the job search is explored. Prerequisite: EG11 or permission of instructor.

A-E-G / 3 cr. hrs.

**BA29 / BUS109****SUPERVISION: CONCEPTS AND PRACTICES**

Study of supervisory functions from viewpoint of the first-line supervisor. Emphasis on concepts of supervision and practices used by first-line supervisors in putting them into effect. Gives students actual practice through discussions of case problems arising from work situations. For students enrolled in certificate or A.A.S. business programs who plan to enter the business world immediately upon graduation. No prerequisite.

A-E-G / 3 cr. hrs.

**BA37 / BUS113****MANAGEMENT FOR OPTICIANS**

Provides practicing eye-care personnel and ophthalmic dispensing students with essential skills to operate an optical business. Covers organization and administration of optical office, management of personnel, relations with optical clients, and internal operations and procedures as they pertain to operating an eye-care office. Additionally, contact lens management and specialized areas of optical field are explored. Team-taught by faculty of Business Administration Department and Ophthalmic Dispensing Program. No prerequisite.

G / 3 cr. hrs.

**BA42 / BUS114****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.

A / 3 cr. hrs

**BA51 / BUS201****MANAGEMENT PRINCIPLES AND PRACTICES**

Study of basic managerial functions of planning, organizing, staffing, direction and control. Emphasis on theory of management, organization and executive leadership. Case studies of actual business situations present problems requiring executive decisions for solution. Prerequisite: BA11 or HF11 for Travel and Tourism students only.

A-E-G / 3 cr. hrs.

**BA52 / BUS121****OFFICE MANAGEMENT**

Introduces scope and responsibilities of administrative office management. Topics include planning, organizing, operating and controlling office operations; leadership and human relations factors; and an overview of the effect office technology has had on the business world including telecommunications, reprographics, office systems, records management, data processing, word processing and voice processing.

A-E-G / 3 cr. hrs.

**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****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.

**BA64 / BUS205****INTERNATIONAL FINANCIAL MANAGEMENT**

International finance in business. Topics include strategy and motivation for direct foreign investment, balance of payment accounts, international banking operations, lending and investment criteria, governmental programs to promote exports, trade restrictions, foreign currency markets and exchange controls, and import/export financing. 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, Jurau and Crosby. Careers in area of TQM are explored. Prerequisite: BA51; corequisite: MA23.

A-G / 3 cr. hrs.

**BA68 / BUS208****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 at least 45 credits in the Business Administration A.S. degree curriculum (207-1), including EG11, AC12, BA51, BD57 and BL71.

A-E-G / 1 cr. hr.

**BA70 / BUS209**

**ISSUES IN CONTEMPORARY BUSINESS**

Advanced capstone course for Business Administration (A.A.S., 315) majors taken final semester before graduation. Working individually and in teams, students demonstrate abilities to think critically, solve managerial, quantitative and ethical business problems, utilize business-related technology, and exhibit effective leadership in response to current business events and case studies. Through variety of learner-centered activities, students assemble portfolios documenting effective communication skills, understanding, and practical knowledge of business administration. Prerequisite: completion of at least 45 credits in 315 curriculum, including BA11, AC11, BD57, BL70 and a business elective.

A-E-G / 3 cr. hrs.

**BA73 / BUS211**

**INTERNATIONAL BUSINESS PRACTICE FIRM**

Using international business model, 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. Prerequisite: BA11 or BA62 or permission of area administrator.

A-E-G / 3 cr. hrs.

**BA71-74A / BUS271-274A**

**BA75-77G / BUS275-277G**

**BA78-80E / BUS278-280E**

**SPECIAL TOPICS IN BUSINESS MANAGEMENT**

Special and current topics in business management. Content varies from year to year.

A-E-G / 3 cr. hrs. each

**Business: Marketing**

**BD57 / MKT101**

**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.

A-E-G / 3 cr. hrs.

**BD58 / MKT201**

**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.

G / 3 cr. hrs.

**BD59 / MKT107**

**CONSUMER BEHAVIOR**

Examination of theories and research findings relating to consumer motivation and behavior. Employs an interdisciplinary approach by utilizing disciplines of anthropology, psychology, economics and sociology to understand consumers, their preferences, their decisions and spending behavior, role of motivation, and use of such information as applied in marketing.

G / 3 cr. hrs.

**BD63 / RET111**

**RETAIL PRINCIPLES**

Study of the retail organization, its structure, its personnel and merchandising policies, including introduction to various careers in retailing. Fundamental principles of locating, establishing and operating a retail store are developed. No prerequisite.

A-E-G / 3 cr. hrs.

**BD64 / RET112**

**RETAILING BUYING AND MERCHANDISING**

Presents basic knowledge of the buyer's role in department store and chain operation. Involves a study of resources, buying techniques, and relationships with resident buying offices. Attention given to such merchandising data as prices, markdowns, stock turnover, markups and planning of stocks and purchases. Prerequisite: BD63.

A / 3 cr. hrs.

**BD65 / RET115**

**INTRODUCTION TO THE FASHION BUSINESS**

Surveys types of business enterprises, activities, operational processes, and their varied interrelationships in the fashion business. Concentration placed on developments and trends of major sectors of the marketing of fashion: primary market, secondary market and retailing. No prerequisite.

A / 3 cr. hrs.

**BD68 / RET201****RETAIL STORE OPERATIONS AND ADMINISTRATION**

Study of day-to-day management of the store and its component departments. Emphasis given to functions commonly performed by retail managers during their first years following graduation from college. Major topics include management of personnel, inventory and equipment; store security; and administration of merchandising plans. Prerequisite: BD63. (*offered fall semester only*) A / 3 cr. hrs.

**BD69 / RET211****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*) A / 3 cr. hrs.

**BD70 / MKT213****ADVERTISING**

Study of procedures and techniques of advertising. Special attention given to purposes of advertising, creating advertising ideas, writing copy, trademarks, fundamentals of advertising layout, selecting and using media, market research, and the advertising agency. No prerequisite. A-E-G / 3 cr. hrs.

**BD73 / MKT216****PRINCIPLES OF SALES**

Study of basic principles of successful selling. Consideration of place of the salesperson in our competitive economy, developing a sales-winning personality, and the "selling cycle" from prospecting through closing the sale. Films and practice sales presentations by students are included. No prerequisite. A-E-G / 3 cr. hrs.

**BD79 / MKT218****MARKETING RESEARCH**

Techniques of doing market research, its application, methods of gathering information, sampling methods, analysis and final report writing. Prerequisites: BD57 and MA23. G / 3 cr. hrs.

**BD80 / MKT220****INTERNATIONAL MARKETING**

Examines the marketing process and changing global environment. Focuses on problems, policies and strategies involved in marketing products in foreign markets. Prerequisite: BD57. A-G / 3 cr. hrs.

**Business: Special Topics****BU15 / BUS115****COLLEGE/WORKPLACE SKILLS SEMINAR**

Introduces business student to general skills needed for success in workplace. Connects the college experience and its impact on students' skills necessary to compete in world of work. Fulfills Freshman Seminar requirement for students in accounting, business-related and paralegal curricula. A-E-G / 1.5 cr. hrs.

‡ *Course Fee*

**BU80 / BUS150****COOPERATIVE EDUCATION IN BUSINESS**

Cooperative Education is supervised on-the-job training directly related to a student's academic major and career interest. Co-op students integrate classroom theory with practical work experience. Through a required weekly seminar, students receive instruction in employment communications and discuss work station learning experiences. Students must be available to work a minimum of 10 hours per week. Interested students should contact appropriate program coordinator on their campus for more information. Registration in this course requires that students purchase liability insurance through the college. Prerequisites: completion of a minimum of 24 credit hours (12 credits being in the business area, with the exception of CS students), a minimum overall grade point average 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.*) A-E-G / 3 cr. hrs.

**BUIS / BUS151****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. Registration in this course requires that students purchase liability insurance through the college. A-E-G / 3 cr. hrs.

**CHEMICAL DEPENDENCY COUNSELING****CD11 / CDC111****CHEMICAL DEPENDENCY IN AMERICAN SOCIETY**

Comprehensive exploration of historical, pharmacological, social and psychological aspects of abuse of and addiction to substances by society. Explores society's attitudes and misconceptions about substance use and reviews current theories of addiction treatment and prevention for both addicts and significant others. A-E-G / 3 cr. hrs.

**CD15 / CDC115****DYNAMICS OF ADDICTION**

In-depth exploration of biological, psychological and social theories of substance use, abuse and addiction with emphasis on their implications for prevention and treatment. Related addictive behaviors including concept of co-dependence are studied. Prerequisite: CD11 or permission of department. E-G / 3 cr. hrs.

## CD20 / CDC120

### CHEMICALLY DEPENDENT FAMILY SYSTEMS

Comprehensive exploration of effects of addiction and dysfunction on nuclear and extended family systems. Focuses on identification, education and treatment of "significant others" who may be affected by a person's substance abuse or addiction. Prerequisite: CD11 or permission of department.

A-E-G / 3 cr. hrs.

## CD25 / CDC225

### CRIMINAL JUSTICE SYSTEM AND CHEMICAL DEPENDENCY

Exploration of formal and informal responses of criminal justice system to crimes and social disorder related to alcohol/substance abuse. Includes analysis of effectiveness of both law enforcement and diversionary strategies to combat endemic problems of controlled substances and alcohol. Prerequisite: CD11 or permission of department. G / 3 cr. hrs.

Note: Courses designated CD30 and above are restricted to students who have been accepted into the Chemical Dependency Counseling curriculum.

## CD30 / CDC230

### PROFESSIONAL DOCUMENTATION: DATA COLLECTION, ASSESSMENT, TREATMENT PLANNING

Comprehensive examination of all documentation utilized in various health system agencies, with particular attention to those agencies specializing in alcohol/drug treatment. Includes actual preparation of various professional materials, i.e., psychosocial data and assessments, treatment plans, clinical reports, progress notes and other specialized material. Prerequisite: CD11 or permission of department.

G / 3 cr. hrs.

## CD35 / CDC235

### TECHNIQUES FOR COUNSELING THE CHEMICALLY DEPENDENT CLIENT

In-depth examination of basic precepts of helping relationships. The student studies and practices client interviewing, goal setting, development and implementation of a client action plan, and how to promote client motivation. Emphasizes working with the chemically dependent client. Prerequisites: HC44, CD15 and CD20 or permission of department.

G / 3 cr. hrs.

## CD40 / CDC240

### 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. G / 3 cr. hrs.

## CD46 / CDC246

### ADVANCED TECHNIQUES FOR COUNSELING THE CHEMICALLY DEPENDENT CLIENT

Advanced counseling and therapy concepts and techniques that apply to assessment, diagnosis and treatment modalities for addictions and for psychosocial conditions that may coexist with the chemical dependency condition. Also addresses collateral treatment concerns for "significant other" persons involved with the chemically dependent client as well as appropriate uses of supervision, peer support, professional affiliations, and continuing professional education for the practitioner. Working with health professionals on the treatment team emphasized. Prerequisite: CD35. G / 3 cr. hrs.

## CD50 / CDC250

### 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.

G / 3 cr. hrs.

## CD55† / CDC255

## CD56† / CDC256

### FIELD PRACTICUM OR COOPERATIVE EDUCATION IN CHEMICAL DEPENDENCY COUNSELING

Integrates theory with actual practice in a clinical setting. Students perform intake interviews and assessments, develop treatment plans, do counseling and present intervention and education approaches, all within the context of the legal, ethical and professional responsibilities of the chemical dependency counselor. Involves off-campus fieldwork: a minimum of 270 hours of clinical experience and 30 hours of supervision. Students attend two-hour, weekly on-campus supervision seminars. Internship placements must be in a *licensed* chemical dependency counseling center and be supervised by a qualified professional. Students should take CD55 or CD56 in their final semester of study. (18 hrs. clinical, 2 hrs. seminar.) Prerequisites: CD20, CD25 and CD35. Corequisite: CD46. G / 7 cr. hrs. each

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:*

- purchase liability insurance through the college;
- file a Physician's Certificate;
- complete other requirements prior to the beginning of the class. Please contact program coordinator for information.



**CD61-64G / CDC161-164G****SPECIAL TOPICS IN CHEMICAL  
DEPENDENCY COUNSELING**

Special and current topics in chemical dependency counseling. Content varies from year to year.

G / 3 cr. hrs. each

**CD61 / CDC161****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.

G / 3 cr. hrs.

**CHEMISTRY**

Note: *Safety goggles must be worn in all chemistry laboratories.*

**CH19† / CHE100****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.

A-E-G / 4 cr. hrs.

Note: *Credit given for CH19 or CH29, but not both.*

**CH21† / CHE120****INTRODUCTION TO GENERAL,  
ORGANIC, AND BIOCHEMISTRY**

One-semester course required for Veterinary Science Technology students. Basic principles of general, organic and biochemistry are presented with emphasis on applications to health science. Topics include measurement, states of matter, bonding theory, solutions, acids, buffers and pH, structure and function of carbohydrates, lipids, sterols, amino acids, proteins, molecular approach to enzymatic action, digestion, metabolism and nutrition. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA07 or equivalent and high-school chemistry with laboratory.

G / 4 cr. hrs.

**CH29† / CHE122****FOUNDATIONS OF COLLEGE  
CHEMISTRY**

One-semester course presenting chemical principles, specifically designed for students enrolled in a science or engineering curriculum who plan to enroll in a one-year course in college chemistry (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.) Prerequisite: MA07 or high school Sequential Math I. Corequisite: MA27 or permission of department.

A / 4 cr. hrs.

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† / CHE133-134****COLLEGE CHEMISTRY I AND II**

Two-semester sequence for students whose emphasis is chemistry, biology, engineering, medicine or dentistry. Includes study of general principles, laws of chemical combination, thermodynamics, electrochemistry and chemical equilibrium. Laboratory work is basically quantitative in nature and emphasizes experimental techniques and study through observation. Second semester places emphasis on equilibrium through study of inorganic qualitative analysis. (3 hrs. lecture, 1 hr. recitation, 3 hrs. laboratory.) Prerequisites: CH19 or CH29 or permission of Academic Chair/Area Dean and MA61.

A-E-G / 4 cr. hrs. each

**CH45† / CHE200****PRINCIPLES OF ORGANIC AND  
BIOCHEMISTRY II**

Basic principles of organic chemistry and chemistry of physiologically significant compounds. Lecture topics include discussion of properties and preparations of major families of organic compounds with emphasis on biologically important compounds such as proteins, carbohydrates and vitamins. Laboratory reinforces basic techniques employed in general chemistry, illustrates representative mechanisms, and introduces techniques and procedures encountered in organic preparations and analysis. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisite: CH19, CH29 or CH33, or permission of department.

A / 4 cr. hrs.

**CH55-56† / CHE250-251****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. A / 5 cr. hrs. each

**CH61-64A / CHE261-264A****CH65-67G / CHE265-267G****CH68-70E / CHE268-270E****SPECIAL TOPICS IN CHEMISTRY**

Special and current topics in chemistry. Content varies from year to year. A-E-G / 4 cr. hrs. each

**CINEMA STUDIES****CN17† / CIN111****CINEMA STUDIES I:  
FROM KINETOSCOPES TO KANE**

Traces origin and development of motion pictures from early Lumiere films to pre-WWII era. Includes screenings, analysis and discussion of significant films representing such topics as evolution of film grammar, German Expressionism, Soviet montage and American studio system. No prerequisite.

A-E-G / 3 cr. hrs.

**CN18† / CIN112****CINEMA STUDIES II:  
FROM NOIR TO NOW**

Traces development of motion pictures from WWII era to the present. Includes screenings, analysis and discussion of significant films representing such topics as Film Noir, Italian Neorealism, French New Wave, emergence of national cinema, and American independent film. No prerequisite.

A-E-G / 3 cr. hrs.

**CN19† / CIN117****DIGITAL FILMMAKING I**

Introduction to pre-production, production and post-production techniques of digital filmmaking with emphasis on principles of narrative film practices. Digital camcorders, computer-based non-linear editing and other equipment available.

A / 3 cr. hrs.

**CN20† / CIN118****DIGITAL FILMMAKING II**

Provides opportunity to practice advanced production and editing techniques such as multiple-subject staging, split-editing of sound and picture, various montage styles, continuity and voice-over narration. Students develop production assignments in consultation with instructor. Prosumer digital video cameras, computer-based non-linear editing and other equipment available. Prerequisite: CN19 or permission of instructor.

A / 3 cr. hrs.

**CN21 / CIN113****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. No prerequisite.

A-E / 3 cr. hrs.

**CN22 / CIN122****INTRODUCTION TO CINEMA  
SCREENWRITING**

Introduces fundamentals of developing and writing feature-length screenplays. Using recent Hollywood scripts and films, students examine building blocks of dramatic structure: character development, dialogue, scene construction and plot development. Covers proper format as well as marketing and submission process. Course culminates in writing of first 7-15 pages of a screenplay. No prerequisite.

A / 3 cr. hrs.

**CN41-43A / CIN 241-243A****SPECIAL TOPICS IN CINEMA STUDIES,**

Special and current topics in Cinema Studies. Content varies from year to year.

A / 3-4 cr. hrs. each

**CN56 / CIN156****THE DOCUMENTARY FILM**

Traces development of documentary film through viewing films, reading critical essays, and discussing and writing about the films. Students analyze films focusing on cinematic elements such as point of view and narrative. Students examine films as statements by individuals living within a particular cultural framework, as instruments of propaganda, as entertainment, and as devices which expand our perspectives of world around us. Prerequisite: EG11. (Same as EG56.)

A-G / 3 cr. hrs.

Note: *Credit given for CN56 or EG56, but not both.*

**COLLEGE SEMINARS****OS15 / COL101****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.

A-E-G / 1.5 cr. hrs.

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).*

**OS20 / COL105****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. A-E-G / 3 cr. hrs.

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****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. A-E-G / 1 cr. hr.

**OS40-42E / COL140-142E****OS43-46A / COL143-146A****OS47-49G / COL147-149G****SPECIAL COLLEGE SEMINAR TOPICS**

Special and current College Seminars-related topics in personal and academic development. Content varies from year to year. A-E-G / 1-3 cr. hrs. each

**OS40E / COL140E****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. E / 3 cr. hrs.

**COMMUNICATIONS****CO10 / COM110****SPEECH IMPROVEMENT**

Imparts confidence and improved speaking style. Students work on individual and group activities to improve articulation, pronunciation, projection, rate, intonation and language usage. No prerequisite. A-E-G / 3 cr. hrs.

**CO11 / COM101****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. A-E-G / 3 cr. hrs.

**CO12 / COM102****INTERPERSONAL COMMUNICATION**

Stresses development of interpersonal skills necessary for building and maintaining productive and positive relationships in a variety of work and social settings. Topics include interpersonal trust, self-disclosure, assertiveness, conflict and conflict management. Students study various theories of interpersonal communication and practice interpersonal skills in class. No prerequisite. A-E-G / 3 cr. hrs.

**CO13 / COM111****VOICE AND DICTION**

Studies nature of speech and voice mechanism in order to provide individualized training for improvement of voice quality and articulation. Emphasis placed on respiration, phonation, resonance, articulation and the phonetic basis of speech. Not designed to provide therapy for students with severe speech disorders. A-G / 3 cr. hrs.

Note: *Credit given for CO13 or CO14, but not both.*

**CO14 / COM112****AMERICAN ENGLISH****PRONUNCIATION AND DICTION**

Intended to help those students who, as speakers of English as a second language, are self-conscious or fearful about how they sound to native speakers or worry that their accents will interfere with educational or employment opportunities. Not intended to make them lose their accents, a goal which is neither realistic nor desirable. The goal is to make speech in the new language clear and understandable so that the student can speak it with confidence in all situations. Prerequisite: ESL Level 5, or permission of instructor or director of ESL program. G / 3 cr. hrs.

Note: *Credit given for CO14 or CO13, but not both.*

**CO15 / COM105****PUBLIC SPEAKING**

Introduction to essential steps in preparing and presenting speeches. Structured exercises and presentations are used to help students master each phase, including topic selection, audience analysis, research content, organization, style and delivery. No prerequisite. A-E-G / 3 cr. hrs.

**CO21 / COM131****THEORIES OF PERSUASION**

Study of theories used to create verbal and visual strategies designed to influence thinking and behaviors of individuals and groups. Also examines application of these theories to advertising, marketing, community affairs, political campaigns and public relations. No prerequisite. A-E-G / 3 cr. hrs.

**CO22 / COM133**

**FREEDOM OF SPEECH**

Reviews thinking and events in Western culture that gave rise to freedoms of expression guaranteed by the First Amendment to the U.S. Constitution. In addition, the course examines key issues and court decisions concerning social, political, artistic and commercial communications. No prerequisite.

A-G / 3 cr. hrs.

**CO23 / COM202**

**INTERCULTURAL COMMUNICATION**

Explores how cultural differences influence communication. Emphasis on theories, concepts, research findings and practice in intercultural settings. Activities are designed to promote cultural sensitivity, enabling students to confront their own assumptions and cultural biases, and increase their intercultural communication competence. Prerequisite: CO11 or CO12.

A-G / 3 cr. hrs.

**CO24 / COM113**

**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.

A / 3 cr. hrs.

**CO27 / COM107**

**SMALL GROUP COMMUNICATION**

Application of communication skills to problem solving in small group context. Emphasis placed on dynamics, interaction, team building and related skills. Recommended for general studies and other non-nursing and health career-oriented students. No prerequisite.

A-E-G / 3 cr. hrs.

**CO28 / COM204**

**ARGUMENTATION AND DEBATE**

Introduces study of argument. Students learn to identify arguments in variety of contexts, prepare and present written and oral arguments, and evaluate arguments through critical examination of their strengths and weaknesses. Both psychological and logical constructs examined. Students apply principles of argumentation in organized debates. Prerequisite: CO11 or CO15.

A / 3 cr. hrs.

**CO41-45 / COM210-214**

**SPECIAL TOPICS IN COMMUNICATIONS**

Special and current topics in communications. Content varies from year to year.

A / 3-4 cr. hrs. each

**CO51 / COM121**

**ORAL INTERPRETATION**

Beginning course in oral reading stressing development of understanding of the meaning of literature and the ability to communicate this meaning to others orally. Included is study of recorded readings, and analysis, adaptation and oral presentation of representative literary forms. No prerequisite.

A-E-G / 3 cr. hrs.

**CO75 / COM109**

**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.)

A / 3 cr. hrs.

**COMPUTER ART**

**CA21† / ART121**

**INTRODUCTION TO ELECTRONIC  
PAGE DESIGN**

Introduces students to Macintosh computer and desktop publishing software. Elements of electronic page design to be covered are type specification, typesetting, page layout, creation and digitizing of illustrations, and final printing. Students work with a Macintosh computer, laser printer and a scanner. No prerequisite.

A-E / 3 cr. hrs.

**CA22† / ART122**

**ELECTRONIC ILLUSTRATION**

Enables students to create and modify illustrations and scanned images. Students use Macintosh computer as electronic drawing tool with image enhancement techniques and technologies to create studies and illustrations. No prerequisite.

A-E / 3 cr. hrs.

**CA23† / ART123**

**INTRODUCTION TO COMMERCIAL ART**

Familiarizes students with several areas of commercial design and techniques used in those fields. Advertising design, fashion illustration, interior design and textile/surface design are explored. Students are made aware of the possibilities of expanding their art into a commercial field. Advice given about the student's continuing education and the preparation of a portfolio. (4 studio hrs. each week.) No prerequisite.

G / 3 cr. hrs.

**CA44 / ART120**

**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*)

E / 2 cr. hrs.

**CA45 / ART221****INTERACTIVE DIGITAL MEDIA**

Explores fundamentals of electronically integrating text, drawings, photographs, animation, video and sound. Computer screen design, interactive animation and three-dimensional drawing are introduced using latest animation and three-dimensional drawing software packages. Individual short projects help students understand basis of sequential thought and finished product. Corequisite: VA96; Prerequisites: VA30, VA31, CA44 and CA60. (6 hrs. laboratory) (*offered fall semester only*) E / 3 cr. hrs.

**CA46 / ART222****ELECTRONIC MEDIA PRODUCTION**

Producing electronic forms of media to communicate ideas, knowledge and artistic expression. The design process calls for research, creativity and skillful execution. Based on knowledge acquired in CA45: Interactive Digital Media, students plan electronic productions with emphasis on pre-production, production and post-production techniques. Prerequisite: CA45 and VA96. (6 hrs. laboratory) (*offered spring semester only*) E / 3 cr. hrs.

**CA60 / ART125****3D MODELING AND DESIGN**

Electronic foundation course in three-dimensional design emphasizing fundamental esthetic principles of design and construction of three-dimensional models on computer. Basic concepts in model building such as assigning of surface attributes also covered. Prepares students for further study in sculpture, architecture, design and electronic media. Prerequisites: VA30 and GR31. (4 hrs. laboratory) (*offered spring semester only*) E / 2 cr. hrs.

**CA80 / ART229****PORTFOLIO PREPARATION AND ASSESSMENT**

As part of a 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*) E / 1 cr. hr.

**CA84† / ART126****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. Basic software operations primarily using Adobe Photoshop are examined and explored in relationship to the art-making process. Provides framework in which to make comparisons between traditional and digital methods in commercial and fine art. Recommended prerequisite or corequisite: VA30. G / 3 cr. hrs.

**CA85† / ART127****COMPUTER ART II**

Building upon CA84, students use computer as art-making 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: VA84. G / 3 cr. hrs.

**CA86 / ART128****ANIMATION ON THE MACINTOSH COMPUTER**

Teaches fundamentals of computer-generated animation. Macintosh computer platform used to create real-time animation for presentation, computer video production and other computer applications. Design and creative animation projects are created first in storyboard format and applied to animation computer software packages. (4 studio hrs. each week.) No prerequisite. A / 3 cr. hrs.

**CA87 / ART129****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. A / 3 cr. hrs.

**COMPUTER SCIENCE/  
INFORMATION TECHNOLOGY**

Note: *The following courses can be used to satisfy Liberal Arts and Sciences elective requirements: CS11, CS12, CS16, 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****INTRODUCTION TO COMPUTING**

Comprehensive introduction to use of personal computers for improving productivity and problem solving. Primarily for non-computer majors and liberal arts students (i.e., those majoring in areas such as humanities, arts, social and behavioral sciences.) Includes desktop configuration, word processing, spreadsheets, presentation graphics, basics of personal computer organization, directory structures and file management. Optional topics may include database concepts, Web page creation, Internet and IT resources, Web browsers and use of Internet for research. Course cannot be applied to satisfaction of graduation requirements in any computer-related degree program or certificate at SCCC. No prerequisite. A-E-G / 4 cr. hrs.

Note: *Credit given for CS11 or BA22, but not both.*

**CS12† / CST112****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. Prerequisite: MA07 or equivalent. Recommended: prior computing experience or completion of CS11. *CS12 and MA17 are corequisites for students in the Information Technology curriculum.* A-E-G / 4 cr. hrs.

**CS13† / CST111****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. A-E-G / 4 cr. hrs.

**CS14† / CST131****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. A-E-G / 4 cr. hrs.

**CS16† / CST141****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. Prerequisites: MA27 or Regents Sequential Math II (C or better) or equivalent and CS12 or equivalent, or permission of department.

A-E-G / 4 cr. hrs.

**CS17† / CST121****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; corequisite: CS16. A-G / 4 cr. hrs.

**CS18† / CST222****COMPUTER ARCHITECTURE**

Introduces concepts needed to lay solid foundation for understanding computer architecture. Performance of software systems is dramatically affected by how well software designers understand basic hardware technologies at work in a system. Similarly, hardware designers must understand far-reaching effects design decisions have on software applications. Provides deep look into the computer, demonstrates relationship between software and hardware, and focuses on foundational concepts that are the basis for current computer design. 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. A-E-G / 4 cr. hrs.

**CS22† / CST102****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. A-E-G / 4 cr. hrs.

**CS24† / CST104****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 or completion of CS11.

A-E-G / 4 cr. hrs.

**CS26† / CST242****ADVANCED PROGRAMMING AND PROBLEM SOLVING WITH JAVA**

Advanced course presenting problem-solving methodologies and emphasizing object-oriented principles and designs using Java. Several medium-to-large programs using this paradigm are assigned. Focuses on how to write complete program using one or more object classes. Discusses objects in general with special consideration given to string processing, arrays and collections of objects. *Swing* graphical user interface library discussed and compared to techniques used in Visual Basic. Prerequisite: CS16 or permission of department.

A-E-G / 4 cr. hrs.

**CS28† / CST125****INSTALLING, CONFIGURING AND ADMINISTERING MICROSOFT® WINDOWS® 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.

A-E-G / 4 cr. hrs.

**CS31† / CST262****CLIENT-SIDE AND SERVER-SIDE WEB PROGRAMMING**

First part of course trains developers in using features of JavaScript language and designing client-side platform-independent solutions. Students learn how to write JavaScript programs and script for JavaScript object model, control program flow, validate forms, animate images, target frames and create cookies. Also teaches usage of most popular applications of JavaScript. Second part of course trains students how to work in server-side environment utilizing ActiveX Server Pages technology. Trains students to create dynamically generated Web pages from server side using scripting languages such as VBScript or JavaScript. If time permits, explores alternative technologies to ASP such as Common Gateway Interface (CGI), Server Side Includes (SSI) and Servlets (Java), along with other server-side scripting languages such as Perl and PHP. Also teaches key application standards such as source and revision control, coding standards, code optimization and data integrity. Prerequisites: CS16 and CS35.

A-E-G / 4 cr. hrs.

**CS32† / CST268****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.

A-E-G / 4 cr. hrs.

**CS33† / CST171****RELATIONAL DATABASE APPLICATIONS AND CONCEPTS**

Use of a relational database model as problem-solving tool in business. Teaches techniques for adding, retrieving and modifying information within a database. Topics include files, records, query language, conversion-to-work processing format, indexes, sorting and customized reports. Prerequisite: any CS course or permission of department.

A-E-G / 4 cr. hr.

**CS34† / CST272****PROGRAMMING FOR RELATIONAL DATABASE MANAGEMENT SYSTEMS**

Capstone course training students to develop database applications. Implements full power of programming in database-oriented language. Emphasizes design, implementation and presentation of several large, real-time information system cases. Prerequisites: CS12 and CS33 with a grade of C or higher in both or permission of department. Corequisite: CS14 or CS26.

A-E-G / 4 cr. hrs.

**CS35† / CST161****WEB SITE DESIGN**

Teaches Web page creation and other aspects of Web authoring, beginning with fundamentals of HTML tags by creating Web pages utilizing text editor. Explores various professional 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. A-E-G / 4 cr. hrs.

**CS38† / CST252****ADVANCED C++ PROGRAMMING**

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

**CS39† / CST265****XML DOCUMENT DESIGN AND PROGRAMMING**

Comprehensive introduction to Web-based application development with XML which focuses on various XML and related technologies such as construction of XML Document Type Definitions (DTDs) and XML schemas, manipulating parsed XML documents utilizing JavaScript and XML Document Object Model (DOM), and utilizing XLink and XPointers to extend XML document linking capabilities. Also teaches use of XML to create customized tags and to utilize standard custom markup languages in science, technology, multimedia, commerce and other fields. Requires familiarity with fundamentals of HTML, JavaScript, Active Server Pages and object-oriented concepts. Prerequisites: CS35 or permission of department. A-E-G / 4 cr. hrs.

**CS44† / CST232****ADVANCED VISUAL BASIC**

Provides useful vehicle for learning Windows programming concepts and applications. Topics include Active X controls, API programming, Internet programming and DB programming. Prerequisite: CS14. A-E-G / 4 cr. hrs.

**CS53† / CST153****COBOL PROGRAMMING**

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

**CS54† / CST254****ADVANCED COBOL PROGRAMMING**

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

**CS60† / CST246****DATA STRUCTURES\***

Introduction to methods useful in representing data in storage. Discusses structures such as arrays, lists, stacks, queues and trees, as well as methods used in their implementation and manipulation. Related programming assignments required. Prerequisite: CS26. A-E-G / 4 cr. hrs.

**CS63† / CST251****PROGRAMMING IN C**

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

**CS66† / CST126****OPERATING SYSTEMS: LINUX/UNIX**

Familiarizes students with Unix operating system by using one of many versions of Unix, such as Linux, on personal computer in lab. Covers concepts as well as practical use of Unix. Topics include most commonly used Unix commands plus others. Also covers similarities and conceptual differences between Unix and Windows operating systems. Prerequisite: any CS course or permission of department. A-E-G / 4 cr. hrs.

**CS68† / CST227****NETWORK OPERATING SYSTEMS AND NETWORK INFRASTRUCTURE**

Introduces implementation of Network Operating Systems in medium to very large computing environments. Explores connectivity issues such as connecting individual offices and users at remote locations to the corporate network and connecting corporate networks to the Internet. Examines network services and applications such as file and print, database, messaging, proxy server or firewall, dial-in server, desktop management, and Web hosting. Also examines skills required to manage, monitor and troubleshoot Network Address Translation and Certificate Services. Utilizing case studies, students learn how to install, manage, monitor, configure and troubleshoot DNS, DHCP, Remote Access, Network Protocols, IP routing and WINS. Prerequisite: CS28. A-E-G / 4 cr. hrs.



**CS70† / CST283****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. A-E-G / 4 cr. hrs.

**CS71† / CST284****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. A-E-G / 4 cr. hrs.

**CS80† / CST288****COOPERATIVE EDUCATION/ INTERNSHIPS FOR INFORMATION TECHNOLOGY**

Field work in information technology. Student obligations agreed upon in an internship contract. Supervising faculty hold periodic meetings with student interns and their supervisors to evaluate intern performance. In addition to eight to ten hours per week of field work, students attend a 50-minute weekly seminar. Registration in this course requires that students purchase liability insurance through the college. Prerequisite: completion of 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. A-E-G / 3 cr. hrs.

**CS81† / CST181****HELP DESK I INTERNSHIP**

Restricted to students enrolled in Help Desk I Information Technology certificate program. Students intern at Suffolk County Community College's ITU (Instructional Technology Unit) Help Desk and provide technical support to campus faculty and staff via phone and on-site visits. First semester of two-semester series. Prerequisite: permission of department. A-E-G / 3 cr. hrs.

**CS82† / CST182****HELP DESK II INTERNSHIP**

Continuation of CS81. Restricted to students enrolled in Help Desk II Information Technology certificate program. Students intern at Suffolk County Community College's ITU (Instructional Technology Unit) Help Desk and provide technical support to campus faculty and staff via phone and on-site visits. Prerequisite: CS81. A-E-G / 3 cr. hrs.

**CS91-94 / CST191-194****SPECIAL TOPICS IN COMPUTER SCIENCE/INFORMATION TECHNOLOGY**

Special and current topics in computer science/information technology. Content varies from year to year. A-E-G / 3-4 cr. hrs.

**CS91† / CST191****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. A-G / 4 cr. hrs.

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**CONSTRUCTION TECHNOLOGY****CT10† / COT110****SURVEYING I**

Care and use of surveying instruments. Taping and taping corrections, differential leveling, traverse and area computation, stadia topography and construction surveys. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: MA27; corequisite: MA61. A / 3 cr. hrs.

**CT14 / COT114****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. A / 3 cr. hrs.

**CT22† / COT222****SITE PLANNING**

Basic principles of land surveying applied to site planning and design. Concepts of site design and engineering are presented from analysis to design drawings. Areas covered include zoning concepts, constraints of environmental considerations, roadways and land subdivision, parking, and site utilities and drainage. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisites: CT10 and MA61. A / 3 cr. hrs.

**CT33† / COT233**

**STRENGTH OF MATERIALS**

Study of relationships existing between externally applied forces and internally induced stresses and strains in various types of mechanical or structural components such as welds, bolts, rivets, shafts pressure vessels, beams and columns. This is accomplished using principles of stress and strain, Poisson's ratio and thermally introduced loading. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: CT66; corequisite: MA62. A / 3 cr. hrs.

**CT38† / COT238**

**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. A / 3 cr. hrs.

**CT39 / COT239**

**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. A / 3 cr. hrs.

**CT43 / COT243**

**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.) A / 3 cr. hrs.

**CT46† / COT246**

**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. A / 3 cr. hrs.

**CT51-54 / COT151-154**

**SPECIAL TOPICS IN**

**CONSTRUCTION TECHNOLOGY**

Special and current topics in construction technology. Content varies from year to year. A / 3 cr. hrs. each

**CT66 / COT266**

**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. A / 3 cr. hrs.

**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**

**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.

A-E-G / 3 cr. hrs.

**CJ15 / CRJ105**

**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.

A-E-G / 3 cr. hrs.

**CJ21 / CRJ205**

**INTRODUCTION TO CRIMINAL INVESTIGATIONS**

Introduction to procedures and techniques of criminal investigations. Provides overview of history of investigations, role of investigators and rules of evidence. Examines techniques for crime scene preservation, processing of evidence, surveillance, and undercover operations. Students identify and discuss information and research sources, write reports and learn case management skills. Role of computers and other advanced technology in criminal investigations also explored. No prerequisite.

A-E-G / 3 cr. hrs.

**CJ25 / CRJ111****CRIMINALISTICS**

Applications of forensic science to investigation of crime. Studies in detail supportive role of the criminalist in assisting the investigator and proper collection and processing of a variety of physical evidence and its preparation for presentation at the criminal trial. Cases from federal, state and local police laboratories are used to illustrate basic principles. No prerequisite. A-E-G / 3 cr. hrs.

**CJ31 / CRJ103****SUBSTANTIVE CRIMINAL LAW**

Study of prescriptive and proscriptive substantive criminal law. Considers in detail role of law in a free society, provisions of Uniform Penal Code as well as other state and local substantive laws, case illustrations of these laws, and impact of federal and state court decisions on enforcement of substantive laws by police. No prerequisite. A-E-G / 3 cr. hrs.

**CJ35 / CRJ107****EVIDENCE AND PROCEDURAL LAW**

Study of rules of evidence and Uniform Criminal Procedure Law as they apply to criminal court cases. Considers relationship of rules of evidence and fair procedural laws to justice in a democratic society, effect of federal and state court decisions on procedural law, evidentiary and procedural requirements for proper presentation of cases in court, and role of the police officer as a witness in court. No prerequisite. A-E-G / 3 cr. hrs.

**CJ41 / CRJ109****INTRODUCTION TO CORRECTIONS**

Analysis of role of the correctional sub-system within the criminal justice system with an examination of the history and philosophy of corrections; nature and problems of the institutional system; probation, parole and other community-based alternatives to institutionalization; legal and ethical problems of the system; and an evaluation of the effectiveness of the system in reducing crime through deterrence and rehabilitation. No prerequisite. A-E-G / 3 cr. hrs.

**CJ45 / CRJ203****INTRODUCTION TO PRIVATE SECURITY**

Provides overview of private security in U.S. Examines principles, methods and techniques used by the industry. Also focuses on internal security, proprietary policy, civil liability, risk management and analysis, legal powers and limitations, loss prevention and security surveys. Special emphasis on ethics in private security throughout course. No prerequisite. A-E-G / 3 cr. hrs.

**CJ51 / CRJ204****INTRODUCTION TO COMPUTER CRIME**

Study of nature and extent of computer-related crime, laws affecting computer use, computer security and access, techniques used to uncover and prevent computer-related fraud, and current and future role of law enforcement in this area. Overview of emerging issues of privacy and Electronic Communications Privacy Act as it pertains to activities of law enforcement in area of evidence recovery. No prerequisite. A-E-G / 3 cr. hrs.

‡ *Course Fee*

**CJ55 / CRJ201****HUMAN RELATIONS AND CRIMINAL JUSTICE**

Study of complex relationship between criminal justice system and people in the community. Considers constitutional liberties of all citizens and role of agencies of criminal justice in respecting and protecting those liberties; behavioral manifestations of economic, social and political problems in the community and criminal justice response to such activities; and need for and methods of developing a constructive community relations program in the criminal justice agency. No prerequisite. A-E-G / 3 cr. hrs.

**CJ71 / CRJ206****ORGANIZED CRIME**

Overview of organized criminal activity in United States. Examines history of organized crime and various activities, both legal and illegal, in which organized criminal enterprises become involved. Analyzes role of law enforcement in combating organized crime as well as reciprocal influence organized crime has on politicians, media and public perception. No prerequisite. A-E-G / 3 cr. hrs.

**CJ75 / CRJ207****JUVENILE JUSTICE**

Study of nature and causes of juvenile delinquency and methods and techniques of police and other community agencies in dealing with juvenile misconduct. Also deals with role of substantive and procedural law and nature of the court and correctional system as they relate to the younger offender, as well as role of police in preventing and reducing crime through management of an effective juvenile aid program. No prerequisite. A-E-G / 3 cr. hrs.

**CJ90-92A / CRJ240-242A****CJ93-95G / CRJ243-245G****CJ96-98E / CRJ246-248E****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. A-E-G / 3 cr. hrs. each

**CJ99 / CRJ209****CRIMINAL JUSTICE CAPSTONE COURSE**

Forum for graduating Criminal Justice majors to synthesize and display knowledge expected after completing all core courses in program. Limited to twelve to fifteen students, seminar focuses on discussion of individual research assignments. Students document research assignments 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). *All Criminal Justice students enrolling in Suffolk County Community College beginning September 2004 must take the Capstone course prior to graduation.* A-G / 1 cr. hr.

**CULINARY ARTS****CU11 / CUL111**  
**SANITATION**

Latest developments and procedures for food safety and sanitation. Subjects include current governmental standards and emerging issues, contamination and foodborne illnesses, establishing food safety system, cleaning and sanitizing, accident prevention, sanitation regulations and food protection. Students also get training in implementing Hazard Analysis Critical Control Point (HACCP) system of food safety, the cutting edge system which is rapidly becoming industry's system-of-choice. Students currently employed in food service who complete this course receive a Suffolk County Food Manager's Certificate valid for three years. No prerequisite. E / 3 cr. hrs.

**CU12 / CUL112**  
**HOSPITALITY COST CONTROLS**

For any restaurant the key to profits is control. Course presents accounting procedures necessary to maintain profitable business. Topics include control areas of purchasing, receiving, storing, production, serving and appropriate computer application. Upon completion students are able to use these procedures to produce faculty-instructed restaurant projects. Prerequisite: AC11. E / 4 cr. hrs.

**CU13 / CUL113**  
**WINE AND BEVERAGE MANAGEMENT**

Provides complete understanding of setting up successful beverage operation, from layout and design to practical hands-on application and formulation of making wide selection of drink recipes. Examines differences among fermented beverages, distilled spirits, great wines and beers, and proper storage procedures. Culminates in development of successful beverage marketing program. E / 3 cr. hrs.

**CU14† / CUL114**  
**CULINARY ARTS I**

Principles and practices necessary to effectively perform in management position in food service industry. Flow of food through commercial food service operation including purchasing, receiving, storing, fabrication, production and service is examined. Upon successful completion of course students are able to understand basic cooking principles and apply them through the standardized recipe and menu. Development of effective and efficient managerial skills for commercial or institutional kitchen presented and practiced. (3 hrs. lecture, 4 hrs. laboratory.) No prerequisite. E / 5 cr. hrs.

**CU15 / CUL115**  
**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. E / 4 cr. hrs.

**CU16 / CUL116**  
**DINING ROOM MANAGEMENT**

Service aspect of food service management. History and styles of service used in hotel and restaurant industry, determination of customer needs, and control and service of beverages are examined. E / 3 cr. hrs.

**CU18 / CUL201**  
**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. E / 0.5 cr. hr.

**CU19 / CUL202**  
**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. E / 0.5 cr. hr.

**CU20 / CUL203**  
**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. E / 0.5 cr. hr.

**CU21 / CUL204**  
**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. E / 0.5 cr. hr.

**CU23 / CUL120**  
**HOSPITALITY MARKETING**

The hotel/restaurant/tourism business is marketing. It is essential to determine what customers want and provide it to them when they want it. Furthermore, it must be all wrapped up in a beautiful package at a reasonable price. Students learn intangible nature of hospitality products and importance of positioning, targeting and image development. E / 3 cr. hrs.

**CU24 / CUL211****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. E / 1 cr. hr.

**CU25 / CUL212****SAVORY FRENCH CUISINE**

Presents classic French preparation methods that have transformed world's cuisines. Combines classical techniques with lighter, more simplistic and adaptable preparation methods needed for service in today's restaurant. Hands-on course in which recipe production, menu review and French terminology are discussed. Prerequisite: CU14. E / 1 cr. hr.

**CU26 / CUL213****EXOTIC ASIAN CUISINE**

Presents overview of preparation techniques regarding Japanese, Chinese, Thai, Korean and Vietnamese cuisines. Emphasis placed on seasonings, special ingredients and technical use of preparation equipment. Through hands-on applications, class discussion and lecture, students gain working knowledge of this regional style. Prerequisite: CU14.

E / 1 cr. hr.

**CU27 / CUL214****MEDITERRANEAN CUISINE**

Explores cuisine of Mediterranean regions of Egypt, Spain, Turkey, France, Italy, Liberia, Morocco and Algeria. Hands-on recipe preparation incorporates each region's history, native ingredients and special cooking techniques. Through discussion, lecture and hands-on preparation students learn differences and similarities among various Mediterranean cooking styles. Prerequisite: CU14. E / 1 cr. hr.

**CU29 / CUL240****CULINARY ARTS INTERNSHIP/  
COOPERATIVE EDUCATION**

Supervised on-the-job training in establishment representative of hospitality industry. Students work 200 hours in their placement, attend on-campus weekly seminar and maintain journal. Taken during summer semester after completion of first and second semester program requirements. Registration in this course requires that students purchase liability insurance through the college. Prerequisites: CU11, CU12, CU13 and CU14. E / 4 cr. hrs.

**CU30 /CUL250****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. Prerequisites: CU12, CU13, CU14, CU15 and CU16.

E / 2 cr. hrs.

**DIETETIC TECHNICIAN****FM20† / DTE101****INTRODUCTION TO NUTRITION**

Introduction to basic nutrition in which study of nutrients and food is applied to making intelligent food choices. Lab allows students to apply math and reading skills to various areas of dietetics and nutrition practice. No prerequisite. Minimum grade of C required to advance to next course in FM sequence. (3 hrs. lecture, 4 hrs. laboratory.) E / 4 cr. hrs.

**FM22 / DTE103****NUTRITION EDUCATION FOR  
DIETETIC PRACTITIONERS**

In order to educate clients and facilitate change in their eating behavior, dietetic practitioners must be effective communicators. This course helps students improve their success as dietetic technicians by focusing on communication skills, education principles, interviewing, counseling, behavior modification, and evaluating group and individual instruction. Consideration given to effects of socioeconomic and cultural factors in relation to making food choices. No prerequisite. Minimum grade of C required to advance to next course in FM sequence.

E / 3 cr. hrs.

**FM24† / DTE121****INTRODUCTION TO  
CLINICAL NUTRITION**

Review of nutrients from perspective of their absorption, digestion, metabolism and interaction. In clinical, students apply principles of nutrition including diet history, food intake studies, national nutrition guidelines, and menu planning and modification. Requires purchase of liability insurance through the college. (3 hrs. lecture, 90 hrs. clinical). Prerequisite: FM20 with grade of C or higher. Minimum grade of C required to advance to next course in FM sequence. Offered spring semester only. E / 5 cr. hrs.

**FM26 / DTE122****NUTRITION THROUGH THE LIFE CYCLE**

As nutrition educators, dietetic technicians must be knowledgeable about nutritional needs of individuals of all ages, genders, cultural backgrounds and activity levels. Course conveys information to be used by students in their professional roles as nutrition educators. Consideration given to community programs which provide nutritional support to those in various age groups; special needs related to exercise, stress and energy balance; consumer concerns about foods; and issues of domestic and world hunger. Prerequisite: grade of C or higher in previous FM courses; FM20 recommended. Minimum grade of C required to advance to next course in FM sequence. Offered spring semester only. E / 3 cr. hrs.

**FM28 / DTE201****INTRODUCTION TO FOOD SERVICE**

Survey course introducing the variety of foods available, menu planning, purchasing and preparation. Consideration given to food measurement, legislation, safety and sanitation and preparation techniques for nutritional adequacy, and food acceptability. Food labs held in kitchen. Prerequisite: C or higher in previous FM courses or permission of instructor. Minimum grade of C required to advance to next course in FM sequence. Offered fall semester only. (Formerly FM11.) E / 3 cr. hrs.

**FM30 / DTE203****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. E / 2 cr. hrs.

**FM40† / DTE205****ADVANCED CLINICAL NUTRITION**

Considers rationale and characteristics of selected therapeutic diets, their application, planning, calculation and menu adjustment. (3 hrs. lecture, 132 hrs. clinical, 48 hrs. field work.) Purchase of liability insurance through the college is required. Prerequisite: FM24 with grade C or higher. Minimum grade of C required to advance to next course in FM sequence. Offered fall semester only. E / 7 cr. hrs.

**FM42† / DTE211****FOOD SERVICE MANAGEMENT**

Relates to functions of food service manager regarding policies and procedures; food procurement, preparation and service; sanitation and safety in quality food preparation; interaction and communication of food service personnel with others; personnel functions, cost control and budget implementation; layout and design of kitchen equipment; and use of computerized data processing systems. Registration in this course requires that students purchase liability insurance through the college. Prerequisites: FM28 and FM40 with grade of C or higher; corequisite: FM43. Offered spring semester only. E / 3 cr. hrs.

**FM43 / DTE213****FOOD SERVICE MANAGEMENT  
FIELDWORK**

Under direction of fieldwork instructor, student has hands-on experience in all aspects of food service management at a local health care facility (1 hr. lecture, 180 hrs. field experience). Requires purchase of liability insurance through the college. Prerequisite or corequisite: FM42 with grade of C or higher. Offered spring semester only. E / 5 cr. hrs.

**DRAFTING (CAD)****DR11† / DRF111****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. A / 3 cr. hrs.

**DR14† / DRF114****AUTOCAD I**

Trains students in use of AUTOCAD system. Topics include edit and inquiry commands, display controls, system libraries, attribute utilization and customizing techniques. (2 hrs. lecture, 3 hrs. laboratory.) No prerequisite. A / 3 cr. hrs.

**DR17† / DRF217****ARCHITECTURAL DRAFTING:  
RESIDENTIAL**

Basic residential planning, including floor plans, elevations, sections and perspective drawings. Selected specific topics are produced using computer-assisted drafting system. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DR14 or permission of department. A / 3 cr. hrs.

**DR18† / DRF218****ARCHITECTURAL DRAFTING:  
PRESENTATIONS**

Aesthetic design of simple structures. Topics include site plans, perspective, modeling and rendering techniques, and use of computer-assisted drafting system. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DR14. A / 3 cr. hrs.

**DR19† / DRF219****ARCHITECTURAL DRAFTING:  
STRUCTURAL**

Design of industrial and commercial structures, including structural steel and reinforced concrete working drawings. Utilization of computer-assisted drafting system for preparation of drawings is included. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DR17. A / 3 cr. hrs.

**DR20† / DRF220**  
**AUTOCAD II**

Enhances or upgrades skills in application of AUTOCAD software. Covers advanced operations from polylines through 3D drawing to rendering. Students learn to create professional drawings and presentations including slide shows and walk-throughs. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: DR14 or permission of department. A / 3 cr. hrs.

**DR51† / DRF223**  
**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. A / 3 cr. hrs.

**EARLY CHILDHOOD EDUCATION/  
EDUCATION****ED11 / EDU101**  
**FOUNDATIONS OF EARLY  
CHILDHOOD EDUCATION**

Overview of early childhood education theory, history, philosophy and psychology. Current issues also examined and critiqued. Includes 10 hours of field visits to various early childhood programs. No prerequisite. A-E-G / 3 cr. hrs.

**ED12 / EDU201**  
**INTRODUCTION TO EDUCATION**

Focuses on foundations of educational system in U.S. Students study the school in relation to historical and philosophical premises of education; analyze relationship among social and cultural influences on school and curriculum; examine role of teacher within cultural context; and study physical organization of schools and classrooms in relation to educational goals and curriculum. Guided observation in elementary school (10 hrs.) or secondary school (20 hrs.). Prerequisites: matriculation in Education (Child Study – curriculum code 112) or Adolescence Education (middle and secondary schools– curriculum codes 113, 114, 115, 116, 117, 118) programs and completion of 30 credits. A-E-G / 3 cr. hrs.

**ED22 / EDU111**  
**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. A-E-G / 3 cr. hrs.

**ED23 / EDU113**  
**INFANTS AND TODDLERS:  
PROGRAMS AND CARE**

Study of programs, curriculum and care of children ages 6 weeks through the second year who are in group care settings. Appropriate techniques for fostering emotional, physical, social and cognitive development of the very young are examined. Field visits to infant and toddler programs required as in ED11 and ED22. No prerequisite. A-E-G / 3 cr. hrs.

**ED25† / EDU115**  
**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. A-E-G / 3 cr. hrs.

*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.*

*Students enrolled as 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**  
**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. Registration in course requires students to purchase liability insurance through the college. (2 hrs. lecture, 3 hrs. practicum.) Prerequisite: ED22. Recommended: concurrent enrollment in or completion of ED25, ED35 or ED45. (offered fall semester only) A-E-G / 3 cr. hrs.

**ED35 / EDU215****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.

A-E-G / 3 cr. hrs.

**ED44† / EDU221****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. Registration in this course requires students to purchase liability insurance through the college. (2 hrs. lecture, 6 hrs. field work.) Prerequisite: ED33. Recommended: concurrent enrollment in or completion of ED25, ED35 or ED45. (*offered spring semester only*)

A-E-G / 4 cr. hrs.

**ED45 / EDU202****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.

A-E-G / 3 cr. hrs.

**ED51-54A / EDU151-154A****ED55-57G / EDU155-157G****ED58-60E / EDU158-160E****SPECIAL TOPICS IN EARLY CHILDHOOD EDUCATION**

Special and current topics in Early Childhood Education. Content varies from year to year.

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

**EARTH AND SPACE SCIENCE****ES15† / ESC101****INTRODUCTION TO GEOLOGY**

Study of Planet Earth, its origin, structure, composition and the forces which shape its surface. Plate tectonics provides framework for understanding processes of volcanism, mountain building and earthquakes. External forces such as glaciers, streams and ocean waves are examined in order to interpret the landscape. Laboratories include studies of minerals, rocks, maps, photographs and other materials used by geologists to study the earth. Some field work required. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

A-E-G / 4 cr. hrs.

**ES16† / ESC102****EVOLUTION OF EARTH AND LIFE**

Introduction to evolutionary aspects of geology, development of continents, mountains and basins through the ages, and the parallel evolution of plants and animals. Laboratory stresses fossil relationships and stratigraphic problems. Field trips include fossil collecting. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

A-E-G / 4 cr. hrs.

**ES17† / MET101****INTRODUCTION TO WEATHER**

Introduction to elements and energies that are basic processes described as weather. Basic principles such as temperature, pressure, density, humidity and air movement are studied to provide basis for understanding long- and short-range forecasting, including severe weather phenomena such as hurricanes, tornadoes and storms. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

A-E-G / 4 cr. hrs.

**ES18† / MET102****PRINCIPLES OF WORLD CLIMATE**

Introduction to distribution and causes of world climatic regions. Examines regional surface-atmosphere interactions that determine local climate. Major climate system phenomena discussed including global warming, ozone depletion, earth-sun relations and climate evolution. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

A-E / 4 cr. hrs.

**ES21† / AST101****ASTRONOMY OF THE SOLAR SYSTEM**

Introduction to fundamental aspects of planetary science. Topics include historical development of astronomy; basic concepts of celestial coordinates and motions; properties and individual characteristics of planets and their moons, asteroids, comets and meteoroids; and origin and evolution of solar system. Students also learn to identify celestial objects (constellations, prominent stars, planets, etc.) utilizing planetarium, telescopes and unaided eye. Occasional evening observations required. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

A-E-G / 4 cr. hrs.

**ES22† / AST102****ASTRONOMY OF STARS AND GALAXIES**

Introduction to fundamental aspects of universe beyond our solar system. Topics include properties of electromagnetic radiation and its relation to study of celestial objects; structure, classification and evolution of stars, nebulae, star clusters, galaxies, and material between stars. Age, origin and evolution of universe studied in terms of modern cosmology. Occasional evening observations required. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or permission of instructor.

A-E-G / 4 cr. hrs.

**ES24† / ESC124****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.

A / 4 cr. hrs.



ES41-44A / AST/ESC/MET151-153A

ES45-47G / AST/ESC/MET154-156G

ES48-49E / AST/ESC/MET157-159E

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

ES50 / ESC250

**MARINE GEOLOGY**

Study of modern theories of ocean basins, their morphology, origin and evolution. Emphasis on processes and features of coastal ocean in vicinity of Long Island. Lectures and laboratory work integrated with field trips. Term research project required. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: ES15 or OC15. A / 4 cr. hrs.

ES51- 54 / ESC251-254

**GEOLOGICAL FIELD STUDIES**

Familiarizes students interested in geology with field methods in various geologic environments. Topographic maps and aerial photos 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. (Any travel expenses are responsibility of student.) Prerequisite: ES15 . A / 1-4 cr. hrs. each

ES55† / ESC202

**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. A / 4 cr. hrs.

ES57† / AST201

**OBSERVATIONAL ASTRONOMY**

One-semester course devoted to systematic observations of the sun, moon, transits, eclipses, occultations and meteor showers. Various telescopes used for this study and for further study of planets, deep sky objects, binary stars, variable stars and asteroids. To best complete the course work, irregular hours of observations, planetarium sessions and field trips are required. (2 hrs. lecture, 1 hr. recitation, 2 hrs. laboratory.) Prerequisite: ES21 or ES22. A-E / 4 cr. hrs.

**ECONOMICS**

EK11 / ECO101

**CURRENT ECONOMIC ISSUES**

Introduces use of economic methods for understanding social and political events dominating news headlines. Crime, health care, poverty and taxes are issues important in our daily lives and may serve as topics in developing the course. No prerequisite. A-E-G / 3 cr. hrs.

† Course Fee

EK21 / ECO111

**MACROECONOMICS: THE NATIONAL ECONOMY**

Course begins with simplified description of a complex matter: how and how well does a national economy work? Over short periods of time, production and employment are known to be volatile, while over longer periods of time production and employment grow. Why is each of these observations true and what is role of government (if any) in the process? No prerequisite. A-E-G / 3 cr. hrs.

EK22 / ECO112

**MICROECONOMICS: PRICES AND MARKETS**

Introduces structure and operation of markets for goods, resources and financial instruments. How does a market determine the price for a good? Within a market, how does the firm determine its profit-maximizing production level of a good and employment level of labor? How does competitiveness of the market affect behavior of the firm? Under what circumstances (if any) should government alter decisions of the marketplace? No prerequisite. A-E-G / 3 cr. hrs.

EK32 / ECO116

**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. E / 3 cr. hrs.

EK41-45A / ECO141-145

EK48-49E / ECO148-149

**SPECIAL TOPICS IN ECONOMICS**

Special and current topics in economics. Content varies from semester to semester. A-E / 3 cr. hrs. each

EK51 / ECO201

**INTERNATIONAL ECONOMICS**

Study of underlying forces affecting economic 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. A-E-G / 3 cr. hrs.

EK55 / ECO202

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

# ELECTRICAL ENGINEERING TECHNOLOGY

**TE12† / ELT112**

## ELECTRICITY I

Fundamental laws of electricity as applied to solution of resistive circuits with any excitation. Laboratory portion enables students to gain practical experience in use of test equipment and procedures while verifying principles learned in the lecture. Credit not given for both TE12 and TE10 or TE11. (3 hrs. lecture, 2 hrs. laboratory.) Corequisite: MA27. A / 4 cr. hrs.

**TE13† / ELT113**

## DIGITAL ELECTRONICS I

Introduction to digital electronics. Topics include number systems and codes, Boolean algebra, and combinatorial and synchronous circuits. Laboratory portion of course emphasizes implementation of concepts developed in the lecture and trouble-shooting techniques. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: admission to Electrical Technology program. Corequisites: MA27, TE12 and TE15. A / 4 cr. hrs.

**TE15† / ELT115**

## TECHNICAL PROBLEM SOLVING

Practical methods of solving technical problems are explored. Flowcharting and computer programming skills are developed as tools in the problem solving process. (2 hrs. laboratory.) Prerequisite: admission to Electrical Technology program. Corequisites: MA27, TE12 and TE13. A / 1 cr. hr.

**TE21† / ELT221**

## ELECTRONIC APPLICATIONS OF MATHEMATICS

Explores mathematical theory applied to electronic circuits. Creation of sinusoidal functions through filtering, exponential waveforms in R-C and R-L circuits, phase shifting, wave-shaping and function analysis via diode and transistor circuits. Application of complex numbers in R-L-C circuits. (2 hrs. lecture.) A / 1 cr. hr.

**TE22† / ELT222**

## ELECTRONICS I

Operation and application of diodes, bipolar and field effect transistors and thyristors. Laboratory portion illustrates use of electronic equipment to test ideas presented in the lecture. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: MA27, TE12 and TE15. Corequisites: MA61 and TE24. A / 4 cr. hrs.

**TE24† / ELT224**

## ELECTRICITY II

The understanding of network analysis techniques learned in Electricity I is reinforced and extended to solution of networks with AC excitations. Topics emphasized include impedance, admittance, resonance and frequency response, transformers, power relations and 3-phase systems. Computers used as a problem-solving tool. Objective of the laboratory is to illustrate use of appropriate electronic equipment for testing of principles presented in the lecture. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisites: TE12, TE15 and MA27. Corequisite: MA61. A / 4 cr. hrs.

**TE27† / ELT227**

## 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. Corequisites: TE22 and TE24. A / 1 cr. hr.

**TE28† / ELT228**

## DIGITAL ELECTRONICS II

Microprocessors and associated circuitry are examined. Topics include architecture, peripheral devices and software. Laboratory portion deals with application of concepts learned in the lecture to practical working systems. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisites: TE12, TE13, TE15 and MA27. Corequisite: TE22. A / 3 cr. hrs.

**TE31 / ELT231**

## ELECTRICITY III

Methods of applying mathematical techniques to electrical and electronic circuits. Topics include voltage and current in RLC circuits with various excitations, energy in electrical circuits, instantaneous and average power, etc. (4 hrs. lecture.) Prerequisites: MA61, TE24 and TE22. A / 4 cr. hrs.

**TE36† / ELT236**

## ELECTRONICS II

Develops a thorough understanding of electronic circuit analysis techniques. Topics include study of circuits with the following emphases: multi-stage cascaded systems, frequency response, voltage comparators, Schmitt Trigger circuits and saturated and cutoff transistors. Integrated circuits are analyzed. Laboratory portion investigates practical aspects of topics covered in the lecture. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisites: TE22 and TE24. Corequisite: TE31. A / 3 cr. hrs.

**TE38† / ELT238**

## 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. A / 3 cr. hrs.

**TE41 / ELT241**

## 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. A / 3 cr. hrs.

**TE42† / ELT242****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. A / 3 cr. hrs.

**TE43† / ELT243****ADVANCED ELECTRONICS**

Capstone course where students are evaluated in equipment setup and usage, trouble-shooting skills, team building and communication skills. Students given projects to design, build and demonstrate, including amplifiers, wireless communication circuits/systems, and signal generation circuits. (2 hrs. lecture, 2 hrs. laboratory.) Prerequisites: TE31, TE36 and TE38. A / 3 cr. hrs.

**TE50† / ELT150****THE WORKINGS OF PERSONAL COMPUTERS**

Teaches basics of personal computers, both software and hardware orientation. Hardware orientation taught through disassembly and assembly of personal computers in hands-on lab experience. Software taught in lecture format with some in-class computer work. Students also learn how to deal with upgrades in both hardware and software and problems encountered with them. (2 hrs. lecture, 2 hrs. laboratory.) No prerequisite. A / 3 cr. hrs.

**TE51† / ELT151****CISCO COMPUTER NETWORKING I**

Covers CISCO Program I and II in one semester. Introduces OSI layers and LAN implementation. First half of semester covers OSI seven-layer model. Second half of semester dedicated to router configuration and five router LAN implementation. Students acquire knowledge to set up and maintain a local network. (3 hrs. lecture, 3 hrs. laboratory.) A-G / 4 cr. hrs.

**TE52† / ELT152****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. A-G / 4 cr. hrs.

**TE61-69 / ELT161-169****SPECIAL TOPICS IN ELECTRICAL TECHNOLOGY**

Special and current topics in Electrical Technology. Content varies from year to year. A / 3-4 cr. hrs. each

**ENGINEERING****EN12† / EEE112****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. A / 2 cr. hrs.

**EN17 / EEE117****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. A / 3 cr. hrs.

**EN18 / EEE118****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.) Prerequisites: PH71 and MA88. A / 3 cr. hrs.

**EN19 / EEE119****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. A / 3 cr. hrs.

**EN31† / EEE231****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, k-maps, 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. A / 4 cr. hrs.

**EN32 / EEE232**

**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.

A / 3 cr. hrs.

**EN33† / EEE233**

**ELECTRICAL ENGINEERING CIRCUIT ANALYSIS**

Introduction to electrical networks and devices in both DC and AC systems. Introduces analysis techniques such as Kirchhoff's current and voltage laws, Ohm's law, superposition reciprocity, Mesh and Nodal analysis, and Thevenin and Norton theorems. Components and circuits include resistors, capacitors, inductors, R-L, R-C and R-L-C circuits. Topics include sinusoidal steady-state response, resonance, positive real functions, power calculations, Fourier analysis, and transient analysis using Laplace Transforms. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisites: MA88 and PH71. Corequisites: MA90 and PH73.

A / 4 cr. hrs.

**EN41† / EEE241**

**ELECTRONICS LAB**

Development of measurement techniques and instrumentation implementation in verification of circuit operation. Laboratory exercises include diode circuits, amplifier construction, design and measurement of class A, B and C amplifiers, differential amplifiers, oscillators, power supplies, wave-shaping and analogue signal processing. (5 hrs. laboratory.) Corequisite: EN42.

A / 2 cr. hrs.

**EN42 / EEE242**

**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.) Prerequisite: EN33. Corequisite: EN41.

A / 4 cr. hrs.

**EN43 / EEE243**

**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.

A / 3 cr. hrs.

**EN45 / EEE245**

**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.

A / 3 cr. hrs.

**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.

- EG09 . . . . . Basic English Skills (Developmental)
- EG10 . . . . . Developmental Writing (Developmental)
- EG11 . . . . . Standard Freshman Composition
- EG13 . . . . . Introduction to Literature
- EG20s and EG30s . . . . . Specialized writing and language skills courses
- EG41-EG91 . . . . . Special topics, content and survey courses

† Course Fee

- EG98-99 . . . . . English 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
    - 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

##### 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.* A-E-G / 3 hrs.

#### EG10 / ENG010

##### DEVELOPMENTAL WRITING

Emphasizes basic writing skills, outlining, development of ideas and reading comprehension. Specific topics in grammar, punctuation, spelling, vocabulary and rhetoric are assigned according to needs of the students. To complete the course, students are expected to write short expository papers which show an understanding of fundamentals of organization and effective sentence structure and which avoid gross errors in grammar and mechanics. By placement. To be taken in the first semester unless placed in EG09. Graded on an S-W-U-R basis. *Not applicable toward any degree or certificate.* A-E-G / 3 hrs.

#### EG11 / ENG101

##### STANDARD FRESHMAN COMPOSITION

Explores principles of rhetoric and stresses effective expository writing. Primarily a course in organization of ideas and development of these ideas through use of specific information. Also deals with matters of style, sentence structure, paragraph development, punctuation and vocabulary. Also introduces students to close reading of appropriate materials. By placement. To be taken prior to higher-numbered courses. A-E-G / 3 cr. hrs.

#### EG13 / ENG102

##### INTRODUCTION TO LITERATURE

Introduction to imaginative works of literature: the short story, novel, poem and drama. Close and analytical study of this literature introduces students to major literary themes and forms. Continues training in effective prose writing and requires students to demonstrate maturity in thought and style. Recommended for those who plan to continue their studies at a four-year institution. 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. A-E-G / 3 cr. hrs.

#### EG18† / ENG107

##### 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. G / 1 cr. hr.

#### EG20 / ENG120

##### 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.

A / 3 cr. hrs.

**EG21 / ENG121****TECHNICAL WRITING**

Orientation in field of technical writing and editing. Introduces various forms of technical writing: reports, manuals, publication specifications and standards, proposals, training materials, brochures and technical articles. Mechanics of manuscript preparation and preparation of reproduction-ready copy are discussed in detail, as are activities of various publications departments – editing, layout, printing, quality control, etc. Prerequisite or corequisite: EG11.

A-E-G / 3 cr. hrs.

**EG22 / ENG122****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.

E / 3 cr. hrs.

**EG23 / ENG123****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. Prerequisite: EG11 and EG21.

E / 3 cr. hrs.

**EG24 / ENG124****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. Prerequisite: EG11 and EG21.

E / 3 cr. hrs.

**EG33 / ENG119****THE STRUCTURE OF ENGLISH**

Evolution of the English language and syntactical patterns from which English sentences are generated. Particular attention given to traditional, structuralist, and generative-transformational theories of grammar and to pedagogical and sociological assumptions underlying each. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

Note: *This course does not satisfy the English requirement in the Liberal Arts and Sciences: General Studies curriculum.*

**EG35 / ENG201****ADVANCED EXPOSITORY WRITING**

Advanced course in writing, emphasizing good organization and forceful expression. Treats various forms of exposition: the personal essay of opinion, introspection, retrospection and experience, and the descriptive essay of observation and analysis. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

**EG36 / ENG130****AUTOBIOGRAPHICAL WRITING**

For readers and writers of autobiography. Reading select memoir and autobiographical literature, students analyze composing techniques and write their own autobiographical pieces. Substantial writing practice includes approaches to memoir writing such as portraiture, landscape and memory, travel and history. Prerequisite: EG11.

G / 3 cr. hrs.

**EG37 / ENG131****CREATIVE WRITING**

Develops control and style in creative writing, specifically of prose fiction, poetry and plays. Students pursue individual projects and assignments of established forms of creative writing. Discussions pay attention, as well, to development of stronger criteria for self-evaluation and particular needs of a creative writer to gauge his or her audience in order to market his or her work. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

**EG39 / ENG203****ADVANCED CREATIVE WRITING/FICTION**

Advanced workshop course devoted to writing fiction, with emphasis placed on development of craft, voice and editorial skills. Students submit short stories and/or novel excerpts for review and discussion. Prerequisite: EG37.

A-E-G / 3 cr. hrs.

**EG40 / ENG204****ADVANCED CREATIVE WRITING/POETRY**

Advanced workshop course devoted to writing poetry, with emphasis on development of craft, voice and editorial skills. Students submit poems for review and discussion. Prerequisite: EG37.

A-E-G / 3 cr. hrs.

EG41-44A / ENG151-154A

EG45-47G / ENG155-157G

EG48-50E / ENG158-160E

**SPECIAL TOPICS IN LITERATURE**

Deals with literary issues and topics whose specific content varies from year to year.

A-E-G / 3 cr. hrs. each

EG51 / ENG141

**INTRODUCTION TO THE NOVEL**

Through close reading of major works, students examine development of the novel from the 18th century to the present. Discussion covers techniques, themes and cultural-historical contexts of the works. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

EG52 / ENG142

**INTRODUCTION TO DRAMATIC LITERATURE**

Study of theme, structure, characterization and imagery in representative drama from the Greeks to the Moderns. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

EG53 / ENG205

**CONTEMPORARY LITERATURE**

Study of significant contemporary works which illustrate important themes in modern thought with emphasis on contemporary insights. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

EG54 / ENG206

**THE SHORT STORY**

Explores origins and historical development of the short story, its unique characteristics and its relationship to other literary forms. Students read wide variety of short stories from different historical periods. Some authors who may be included are Faulkner, O'Connor, Melville, Poe, O'Henry, Updike, Cheever, Joyce, Hemingway, Welty, de Maupassant, James, Kafka and others. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

EG55 / ENG207

**MASS MEDIA**

Study of communication techniques used by mass media in American society: newspapers, periodicals, television, radio, films. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

*Note This course does not satisfy the English requirement in the Liberal Arts and Sciences: General Studies curriculum.*

EG56 / ENG208

**THE DOCUMENTARY FILM**

Traces development of documentary film through viewing films, reading critical essays, and discussing and writing about the films. Students analyze films focusing on cinematic elements such as point of view and narrative. Students examine films as statements by individuals living within a particular cultural framework, as instruments of propaganda, as entertainment, and as devices which expand our perspectives of world around us. Prerequisite: EG11. (Same as CN56.)

A-G / 3 cr. hrs.

*Note: Credit given for EG56 or CN56, but not both.*

EG57 / ENG209

**THE LITERATURE OF THE BIBLE**

Survey of historical, prophetic and poetic literature in the Old and New Testaments with attention paid to historical and cultural context. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

EG58 / ENG210

**SCIENCE FICTION**

Deals with the future as seen through literature of science fiction. Among themes covered are the effect of science and technology on human beings in a futuristic landscape and the modern mythological journey of the heroine/hero. Among writers included are H.G. Wells, Robert Heinlein, Arthur C. Clarke, Isaac Asimov, Frederick Pohl and Ursula LeGuin. Prerequisite: EG11.

A / 3 cr. hrs.

EG59 / ENG211

**AFRICAN-AMERICAN LITERATURE**

Focuses on major works by black writers and social/historical contexts informing these works. The literature includes slave narratives, essays, autobiographies, poetry, plays and film. Among writers whose works are considered are F. 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.

A-E-G / 3 cr. hrs.

EG60 / ENG212

**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.

A-E-G / 3 cr. hrs.

EG61 / ENG213

**ENGLISH LITERATURE I**

Study of major themes and styles in Middle Ages, Renaissance and Age of Reason as they appear in the works of such authors as Chaucer, Marlowe, Shakespeare, Donne, Milton, Swift and Pope. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

EG62 / ENG214

**ENGLISH LITERATURE II**

Study of works of such Romantic poets as Blake, Wordsworth, Coleridge, Shelley, Keats and Byron; such major Victorian writers as Bronte and Tennyson; and such 20th century writers as Joyce, Thomas and Beckett. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

EG71 / ENG215

**AMERICAN LITERATURE I**

A study of primary trends and themes in literature of American writers from the Colonial Period through the Civil War. Works of such writers as Franklin, Irving, Cooper, Poe, Emerson, Thoreau, Hawthorne, Melville, Whitman and Dickinson are discussed. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

**EG72 / ENG216****AMERICAN LITERATURE II**

Study of American literature from end of the Civil War to the present, highlighting such central figures as Twain, Crane, Fitzgerald, Hemingway, Faulkner, O'Neil and Frost. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

**EG73 / ENG217****ENVIRONMENTAL LITERATURE**

Focuses on literature that investigates humankind's relationships with natural world. Among writers whose works are considered are H.D. Thoreau, R. Carson, E. Abbey, A. Dillard, W. Berry, H. Beston, W. Heyen, A. Leopold and R. Nelson. Prerequisite: EG11.

E / 3 cr. hrs.

**EG74 / ENG218****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.

G / 3 cr. hrs.

**EG81 / ENG219****MODERN LITERATURE**

Study of British, European and American literature of the modern period (up to and including WW II) focusing on such literary developments as naturalism, impressionism, stream of consciousness and existentialism. An attempt is made to view the works in a psychological, historical and sociological context. Writers who may be included in discussion are Dostoevsky, Hesse, Conrad, Mann, Joyce, Kafka, Camus, Yeats, and Faulkner. Prerequisite: EG11.

A-E / 3 cr. hrs.

**EG83 / ENG220****SHAKESPEARE**

Critical study of representative Shakespearean comedies, tragedies and histories, including examination of the Elizabethan world picture. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

**EG85, 86 / ENG143, 144****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.

A-G / 3 cr. hrs. each

**EG91 / ENG221****THE ART OF POETRY**

Study of theme, form and imagery in traditional and contemporary poetry. Prerequisite: EG11.

A-E-G / 3 cr. hrs.

**EG96H / ENG224H****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.

G / 3 cr. hrs.

**EG98H,99H / ENG222H, 223H****ENGLISH HONORS**

Honors courses 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.

A / 3 cr. hrs. each

**ENGLISH AS A SECOND LANGUAGE**

Note: No EF courses award credit toward a degree except EF20.

**EF01-02† / ESL011-012****ESL: COLLEGE READING I AND II**

EF01 provides self-paced and small group instruction in basic reading skills for ESL students. Instruction emphasizes word recognition, pronunciation and meanings. Also, the course focuses on interpretation of written material, including common English idiomatic expressions. Practice in the study skills of textbook reading and note taking are also important parts of this course. EF02 continues to build on skills developed in EFO1. EF01 and EF02 students are required to spend a minimum of two hours a week on selected assignments in the Reading Center/Academic Skills Center. Both courses graded on an S-W-U-R basis. Corequisite for EF01: RELA; prerequisite for EF02: EF01; corequisite for EF02: RELB.

A-E-G / 3 hrs. each



**EF03-04† / ESL013-014****ESL: INTENSIVE GRAMMAR I AND II**

EF03 teaches basic structures of the English language necessary for its full understanding and fluent usage. Grammar and syntax are practiced through exercises designed to increase language fluency and understanding. Students' vocabulary and spelling skills are developed and enhanced. EF04 continues to build on skills developed in EF03. EF03 and EF04 students are required to spend a minimum of one hour a week on selected assignments in the Language Lab/Academic Skills Center. Both courses graded on an S-W-U-R basis. Prerequisite for EF04: EF03.

A-E-G / 3 hrs. each

**EF05-06† / ESL015-016****ESL: COLLEGE LISTENING/  
SPEAKING SKILLS I AND II**

EFO5 improves speaking and listening skills. Students learn to recognize and correct pronunciation problems. Speaking and listening skills are developed through exercises designed to involve the student in discussions on selected topics in American culture and college life. EFO6 continues to build on skills developed in EFO5. EFO5 and EFO6 students are required to spend a minimum of one hour a week on selected assignments in the Language Lab/Academic Skills Center. Both courses graded on an S-W-U-R basis. Prerequisite for EF06: EF05.

A-E-G / 3 hrs. each

**EF07-08† / ESL017-018****ESL: COLLEGE COMPOSITION I  
AND II**

EF07 helps students write better essays and reports. Students practice writing clear sentences and paragraphs in standard English. They also study spelling, vocabulary and idioms. EF08 continues to build on skills developed in EFO7. EFO7 and EF08 students are required to spend a minimum of one hour a week on selected assignments in the Writing Center/Academic Skills Center. Both courses graded on an S-W-U-R basis. Prerequisite for EF08: EF07.

A-E-G / 3 hrs. each

**EF20 / ESL120****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. Can be used to fulfill a humanities, liberal arts or unrestricted elective.

G / 3 cr. hrs.

**FIRE PROTECTION TECHNOLOGY****FS11 / FPT111****INTRODUCTION TO FIRE PROTECTION**

Introductory survey of fire prevention, protection and suppression systems providing an overview of such elements as composition of fire, home fire safety, building construction, extinguishing agents, fire-fighting equipment, fire-fighting procedures, detection and protection systems, fire extinguishers and their utilization. Foundation for other courses in the program.

A / 3 cr. hrs.

**FS13 / FPT113****HAZARDOUS MATERIALS I**

Chemical characteristics and behavior of various materials which burn and/or react violently when acted upon by various other substances or conditions. Emphasis on flammable liquids, solids, dusts and gases, and attendant fire extinguishment problems. Study includes matter and energy, chemical and physical changes, atoms, the nucleus and planetary electrons, nuclear reactions and isotopes, atomic weights, kinetic molecular theory of state, forms of energy, conservation of energy, conversion of units, Boyle's Law, heat and its effects, halons and extinguishing agents.

A / 3 cr. hrs.

**FS24 / FPT124****HAZARDOUS MATERIALS II**

Storage, handling, standards, explosives and fire-fighting techniques associated with chemicals, gases, flammable liquids, corrosives, poisons, rocket propellants and exotic fuel, and radioactive materials. Formation of toxic fumes and health hazards also stressed. Ignition and combustion characteristics of gases, liquids and solids related to free-burning fire, and explosion phenomena. Familiarization with radiological instruments, human exposure to radiation, decontamination procedures, common uses of radioactive materials and operational procedures. Prerequisite: FS13.

A / 3 cr. hrs.

**FS31 / FPT131****BUILDING CONSTRUCTION AND  
FACILITIES**

Review of fire protection considerations in building construction and facilities, including the Building Exits Code, air conditioning and ventilating appliances, roof coverings, building construction operations and tests of building materials to determine their fire safety characteristics.

A / 3 cr. hrs.

**FS40 / FPT140****FIRE PROTECTION HYDRAULICS**

Principles of hydraulics, suction and drafting water, velocity and discharge, friction loss calculations, engine and nozzle pressures, fire hydrants and mains, fire streams, sprinkler system calculations and pumps.

A / 3 cr. hrs.

FS48 / FPT148

**FIRE SERVICE MANAGEMENT AND LEADERSHIP**

Principles of management as related to fire service. Includes management functions, the management cycle behavioral sciences, leadership, communications, public relations, records and reports.

A / 3 cr. hrs.

FS49 / FPT149

**STRATEGIES AND TACTICS**

Enables students to devise strategies and tactics needed to resolve problems at fires and emergency scenes. Students learn Incident Command System, fire company operations, firefighter safety and operational guidelines, and procedures for major building types.

A / 3 cr. hrs.

FS50 / FPT150

**ARSON AND FIRE INVESTIGATION**

History, development and philosophy of detection and prosecutorial steps with respect to the crime of arson. Discussion of socio/economic conditions behind alarming rise in number of incendiary fires. Examination of investigatory skills, interrogation, record keeping, reports, court procedure. Study of federal, state and local arson laws. Study of chemistry of fire and explosions.

A / 3 cr. hrs.

FS71 / FPT171

**INDUSTRIAL SAFETY ENGINEERING**

Fundamentals of industrial safety including history, safety, inspections, safety organization and committees, accident investigation records and injury rates.

A / 3 cr. hrs.

FS72 / FPT172

**INDUSTRIAL SAFETY ENGINEERING II**

More detailed safety engineering considerations, such as principles of guarding and transmission guards, local exhaust systems, electrical hazards, industrial hygiene and chemical hazards. Prerequisite: FS71.

A / 3 cr. hrs.

**FOREIGN LANGUAGES**

(See listings for individual languages – Special Topics: Latin and Chinese, French, German, Italian, 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

FL41-46A / FLA141-146A

**SPECIAL TOPICS IN FOREIGN LANGUAGES**

Special topics in foreign languages and literatures. A / 3 cr. hrs. each

**FL41-42A / FLA141-142A****ELEMENTARY LATIN I AND II**

Special topics courses covering beginning sequences in Latin. Develop sentence structure including noun forms and verb usages of tense, mood and voice. Attention given to influence of Latin on English vocabulary. Readings of authentic cultural, literary and historical materials. Prerequisite for FL42: FL41. (See guidelines chart under “Foreign Languages.”)

A / 3 cr. hrs. each

**FL43-44A / FLA143-144A****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. Prerequisite for FL44: FL43. (See guidelines chart under “Foreign Languages.”)

A / 3 cr. hrs. each

**FRENCH**

(#COURSE FEE FOR AMMERMAN AND GRANT CAMPUSES ONLY)

**FR11-12† / FRE101-102****ELEMENTARY FRENCH I and II**

Introductory sequential courses in French which develop four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Introduce basic concepts of French culture. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) *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.”)

A-E-G / 3 cr. hrs. each

Note: *Credit given for 1) either or both courses in the FR11-12 sequence or 2) FR13, but not for both options.*

**FR13† / FRE113****INTENSIVE ELEMENTARY FRENCH I AND II**

Accelerated course covering elementary French sequence (FR11 and FR12) in one semester. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) No prerequisite.

E / 6 cr. hrs.

Notes: 1) *This course is not appropriate for native/fluent speakers of French – FR51 recommended or see advisor.*  
2) *May not be taken for credit after any other course in French.*

**FR51† / FRE201****INTERMEDIATE FRENCH I**

Continues study of structures of French with more intensive oral and writing practice. Introduces cultural and literary selections. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) Prerequisite: FR12 or fulfillment of equivalent high school placement requirement. (See guidelines chart under “Foreign Languages.”)

A-E-G / 3 cr. hrs.

**FR52† / FRE202****INTERMEDIATE FRENCH II**

Structured 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. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) Prerequisite: FR51 or fulfillment of equivalent high school placement requirement. (See guidelines chart under “Foreign Languages.”)

A-E-G / 3 cr. hrs.

**GEOGRAPHY****GY15 / GEO101****WORLD REGIONAL GEOGRAPHY**

General survey of fundamental geographic characteristics of principal world regions. Particular emphasis on how differences in environment and culture greatly influence lifestyle, economy and social well-being. Focuses on dynamic interplay between spatial variations in the landscape and ecologic processes, socioeconomic systems and philosophic beliefs. No prerequisite.

A-E-G / 3 cr. hrs.

**GY16 / GEO102****CULTURE AND THE ENVIRONMENT**

Cultural geography focusing on variations among cultures as they differ, through time, from place to place. Deals with origins and diffusion of agriculture, race, religion, language, technology and settlement. No prerequisite.

A-E-G / 3 cr. hrs.

**GY17 / GEO103****POLITICAL GEOGRAPHY**

Locational aspects of political characteristics. Emphasis directed toward geographic effects on political and territorial behavior of peoples of the world. Specific topics include changing frontiers and boundaries, territorial jurisdiction, population pressures, and colonialism and nationalism. No prerequisite.

A-E-G / 3 cr. hrs.

**GY20 / GEO105**

**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. E / 3 cr. hrs.

**GY41-44A / GEO240-243A**

**GY45-47G / GEO244-246G**

**GY48-50E / GEO247-249E**

**SPECIAL TOPICS IN GEOGRAPHY**

Special and current topics in geography. Content varies from year to year. A-E-G / 3 cr. hrs. each

**GERMAN**

(#COURSE FEE FOR AMMERMAN AND GRANT CAMPUSES ONLY)

**GE11-12† / GER101-102**

**ELEMENTARY GERMAN I and II**

Introductory sequential courses in German which develop four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Introduce basic concepts of German culture. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) *GE11 is for students with little or no knowledge of German; it is not appropriate for native/fluent 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.”) A-E / 3 cr. hrs. each

**GE51† / GER201**

**INTERMEDIATE GERMAN I**

Continues study of structures of German with more intensive oral and writing practice. Introduces cultural and literary selections. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) Prerequisite: GE12 or fulfillment of equivalent high school placement requirement. (See guidelines chart under “Foreign Languages.”) A-E / 3 cr. hrs.

**GR52† / GER202**

**INTERMEDIATE GERMAN II**

Structured 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. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) Prerequisite: GE51 or fulfillment of equivalent high school placement requirement. (See guidelines chart under “Foreign Languages.”) A-E / 3 cr. hrs.

**GRAPHIC DESIGN**

**GR20 / GRD104**

**HISTORY OF GRAPHIC DESIGN**

Historical study of use of graphic design as a communications tool from cave drawings to present-day technology. Emphasis placed on graphic communication in the 20th century. (offered spring semester only) E / 3 cr. hrs.

**GR24† / GRD101**

**BASIC GRAPHIC DESIGN**

Introduction to elements and principles of graphic design involving elementary exercises in page composition, letterform and grid systems. Emphasis on developing skills in handling of tools, materials and technical terms. Mastery of a visual language is developed from ideas to completed comprehensives. Computer software such as Quark Xpress will be used. (5 studio hrs. each week.) Corequisites: GR31 and VA30. (offered fall semester only) E / 3 cr. hrs.

**GR25† / GRD103**

**TYPOGRAPHIC DESIGN**

Study of typography and its application in contemporary design. Students use letterforms in all assignments to demonstrate understanding typography in design. Format is a studio class with computer lab exercises and critiques using software such as Quark Xpress, Adobe Illustrator or Macromedia FreeHand. To be more familiar with a number of typefaces, students required to keep a type journal. (5 studio hrs. each week.) Prerequisites: GR24 and GR31 or permission of department. (offered spring semester only) E / 3 cr. hrs.

**GR26† / GRD201**

**PRINT MEDIA I**

As a visual communicator, the graphic designer defines a problem by its audience, its message and its medium. The student, as an investigator of techniques and imagery within various formats of publications, develops contemporary graphic processes and techniques with typography, digital images and experimental media supplemented by using computer software such as Quark Xpress, Adobe Illustrator, Adobe Photoshop and Macromedia FreeHand. Mechanical procedures and the art of presentation for critiques is augmented by practical skills with research, budgets, schedules, layouts, mechanicals, marker rendering, photography and color separations. (4 studio hrs. each week.) Prerequisites: VA30, GR31 and GR25, or permission of department. Corequisite: GR28. (offered fall semester only)

E / 2 cr. hrs.

**GR27† / GRD202****PRINT MEDIA II**

Emphasizes creative risk in graphic design problem-solving. Students are given issue-oriented assignments requiring research before creation of an integrated set of visual devices with the help of computer software such as Quark Xpress, Adobe Illustrator, Adobe Photoshop and Macromedia FreeHand. Personal interpretations, originality, and techniques for sequential organization of elements in problem-solving are stressed. (4 studio hrs. each week.) Prerequisite: GR26 or permission of department. Corequisite: GR29. (*offered spring semester only*) E / 2 cr. hrs.

**GR28† / GRD203****INTERACTIVE PRODUCTION**

Team-taught course which expands computer techniques for mastery of electronic typography and imaging to create and communicate a visual message. All assignments require research, review of trends and styles, and encourage creative interpretation in various publication formats and interactive media. Students use software such as Macromedia FreeHand, Macromedia Director, Adobe Illustrator and Adobe Photoshop, along with supplementary packages that deal with Internet page construction. (6 studio hrs. each week.) Prerequisites: VA30, GR31 and GR25, or permission of department. Corequisite: GR26. (*offered fall semester only*) E / 3 cr. hrs.

**GR29† / GRD204****INTERACTIVE MEDIA PRESENTATIONS**

Team-taught course which concentrates on training the graphic designer to develop effective electronic media. Students work on multimedia projects to communicate visual information in multiple situations. Students use software such as Macromedia FreeHand, Macromedia Director, Adobe Illustrator and Adobe Photoshop, along with supplementary packages that deal with Internet page construction. (6 studio hrs. each week.) Prerequisites: GR26 and GR28 or permission of department. Corequisite: GR27. (*offered spring semester only*) E / 3 cr. hrs.

**GR31† / GRD102****INTRODUCTION TO  
COMPUTER-BASED DESIGN**

Introduces use of personal computers and Quark Xpress software for the visual artist. 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 computer 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, graphic design and photographic imaging students in their first semester.* E-G / 3 cr. hrs.

**GR36 / GRD205****GRAPHIC DESIGN PORTFOLIO  
PREPARATION AND ASSESSMENT**

Concentrates on completion of student's portfolio of work suitable for entry into the graphic design profession. Instructors work with individual students as both mentor and advisor. Students must be in their final semester of Graphic Design curriculum. Prerequisites: GR26 and GR28. Corequisites: GR27 and GR29. Department permission required for admission into this class. (*offered spring semester only*) E / 1 cr. hr.

**HEALTH CAREERS****HC11 / HSC101****HEALTH CONCEPTS**

Basic concepts, principles, attitudes and information regarding health for students within framework of their individual needs. Designed so that students can recognize and utilize those factors which contribute to creation and maintenance of a healthy lifestyle. No prerequisite. A-E-G / 3 cr. hrs.

**HC12 / HSC102****DYNAMICS OF HEALTH CARE**

Provides basic knowledge of health services and comprehensive health care available in America today. Current and critical issues as well as problems and solutions are discussed. Roles of health care team are studied. No prerequisite. E-G / 3 cr. hrs.

**HC14 / HSC104****GERONTOLOGY**

Overview of the aging process. Various concepts and approaches provide new perspectives on role and status of the elderly in American society. No prerequisite. A-G / 3 cr. hrs.

**HC15 / HSC104****NUTRITION CONCEPTS AND  
CONTROVERSIES**

Ideal for persons confused about nutritional claims advertised in media. Covers identification of reliable sources of nutrition information and overview of basic nutrition principles. Discusses popular and controversial nutrition topics such as immunity, megavitamin therapy, sports nutrition, antioxidants, weight control diets and vegetarianism. No prerequisite. May be substituted for FM20 for students transferring into Dietetic Technician curriculum. A-E-G / 3 cr. hrs.

**HC17 / HSC110****HEALTH CHALLENGES CONFRONTING  
ETHNIC AMERICA**

In-depth study of major health challenges confronting African Americans, Latin Americans and other populations in the United States. Medical, public health, community and individual responses to these problems are explored with emphasis on personal strategies for health maintenance. Suggested for all health science majors and all students who desire a clear understanding of health problems confronting these populations. No prerequisite. G / 3 cr. hrs.

**HC21 / HSC111****HUMAN SEXUALITY**

Interdisciplinary course offered by departments of Biology and Health Careers. Helps students understand human sexual functioning as an integrated phenomenon related to biology, emotions, motivation, personality and social interaction. A diversity of material is presented to assist students in understanding biopscho-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. A-E / 3 cr. hrs.

**HC22‡ / HSC112****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. A-E-G / 3 cr. hrs.

**HC26‡ / HSC126****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. *Registration in HC26 requires students to purchase liability insurance through the college and complete a thorough physical examination with their own physician at their own cost (including laboratory work) as required by the college health service.* (5 hrs. lecture, 5 hrs. laboratory, 24 hours clinical rotation.) No prerequisite.

A-E-G / 7 cr. hrs.

**HC28‡ / HSC128****CRASH VICTIM EXTRICATION**

Examines range of activities that may occur, and for which rescuers need to be prepared for effective response, at the scene of a vehicle accident where emergency extrication is necessary. (3 hrs. lecture)

A / 3 cr. hrs.

**HC34-36‡ / HSC234-236****EMERGENCY MEDICAL TECHNICIAN CRITICAL CARE II-III**

Emphasize skills necessary for provision of advanced life support. Successful completion of state examination results in New York State Certification, EMT-CC. *Registration in HC34 and HC36 requires students to purchase liability insurance through the college and complete a thorough physical examination with their own physician at their own cost (including laboratory work) as required by the college health service.* (5 hrs. lecture, 3 hrs. laboratory, 123 hrs. total clinical/field internship.) Prerequisite and corequisite for HC34-HC36: current certification as New York State Emergency Medical Technician. Prerequisite for HC36: HC34 with minimum grade of C. A-E / 7 cr. hrs. each

**HC38 / HSC238****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. A-E / 3 cr. hrs.

**HC41-43A / HSC141-143A****HC51-53G / HSC151-153G****HC54-59E / HSC154-159E****SPECIAL TOPICS IN HEALTH CAREERS**

Special and current topics in health careers. Content varies from year to year. A-E-G / 1-4 cr. hrs each

**HC43 / HSC243****SEMINAR AND FIELD EXPERIENCE IN HOSPICE CARE**

Special topics course providing supervised experience in hospice setting. Students observe and assume duties and responsibilities relating to hospice care. Registration in this course requires students to purchase liability insurance through the college. Prerequisites: HC60, HC64 and HC66. (2 hrs. lecture, 8 hrs. fieldwork) A / 4 cr. hrs.

**HC44 / HSC114****GROUP DYNAMICS**

Introduction to concepts of behavior related to group activity and a study of sociometric techniques for the purpose of developing skill in interpersonal relationships within the health team. Recommended for students contemplating possibility of entering a health-oriented profession and/or students interested in health issues. (3 hrs. lecture.) No prerequisite.

A-E-G / 3 cr. hrs.

Note: This course does not satisfy social science, humanities or liberal arts and sciences elective requirements.

**HC50 / HSC125****INTRODUCTION TO ALCOHOLISM STUDIES**

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. E-G / 3 cr. hrs.

**HC51 / HSC151****SPORTS MEDICINE AND ATHLETIC TRAINING**

Special topics course covering recognition of signs and symptoms of sports-related injuries, emphasizing importance of sports injury prevention and rehabilitation as well as pre-season screening process. Also includes familiarization with new medical terminology, introduction to supportive devices and braces associated with athletic-related injuries, hands-on assessment of athletic injuries, and analysis of skeletal, muscular and neurological systems as related to human body. G / 3 cr. hrs.

**HC66 / HSC131****DEATH AND DYING**

Termination of life is a complex experience and one which family, friends and caregivers must face. Introduces the area of death and dying as it relates to the older adult. Provides insight and sensitivity from an intellectual as well as human perspective. No prerequisite. A / 3 cr. hrs.

## HEALTH INFORMATION TECHNOLOGY/ MEDICAL RECORDS

**HI14† / HIT114****INTRODUCTION TO HEALTH INFORMATION**

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. G / 3 cr. hrs.

**HI16 / HIT116****HEALTH INFORMATION: DATA CONTENT AND STRUCTURE**

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: CI21. G / 3 cr. hrs.

**HI18 / HIT118****LEGAL ASPECTS OF HEALTH INFORMATION**

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. G / 3 cr. hrs.

**HI20 / HIT220****STUDY OF DISEASE**

Provides students with knowledge of disease processes as documented by clinicians. Students study and interpret laboratory values and pharmaceutical information appearing in the medical record. (3 hrs. lecture.) Prerequisites: BY32, MD11. G / 3 cr. hrs.

**HI22 / HIT222****QUALITY IMPROVEMENT**

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.

G / 3 cr. hrs.

**HI25 / HIT225****HEALTH INFORMATION STATISTICS**

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. G / 3 cr. hrs.

**HI27† / HIT227****DIRECTED CLINICAL PRACTICE I**

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. Registration in this course requires that students purchase liability insurance through the college. (1 hr. seminar, 3 hrs. clinical.) Prerequisites: HI16 and HI18 with C grades or higher. G / 2 cr. hrs.

**HI35 / HIT235****CODING AND CLASSIFICATION SYSTEMS**

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.

G / 3 cr. hrs.

**HI36 / HIT236****ADVANCED CODING/CPT-4 AND REIMBURSEMENT METHODOLOGIES**

Focuses on applying advanced coding techniques. Students are taught CPT-4 coding. Present forms of reimbursement and importance of new legislation emphasized. (3 hrs. lecture.) Prerequisite: HI35 with C grade or higher. G / 3 cr. hrs.

**HI37† / HIT237****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. Registration in this course requires that students purchase liability insurance through the college. (1 hr. seminar, 3 hrs. clinical.) Prerequisite: HI35 with C grade or higher.

G / 2 cr. hrs.

**HI39 / HIT239****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; prerequisite or corequisite: HI36.

G / 3 cr. hrs.

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

**HV13 / HVA111****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.)

G / 4 cr. hrs.

**HV14 / HVA131****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.)

G / 5 cr. hrs.

**HV16 / HVA141****HEATING SYSTEMS**

Covers operation, installation, servicing and maintenance of oil, gas and electric heating equipment, including water heaters. Emphasis placed on theory of operation of fossil fuel systems as well as electric and reverse-cycle refrigeration systems (heat pumps). In lab, students disassemble and evaluate component parts of oil burners, ignition systems, fan centers and other devices instrumental in operation of heating equipment. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisites: HV13 and HV14.

G / 5 cr. hrs.

**HV17 / HVA222****HVAC/R CONTROL SYSTEMS**

Covers electrical and solid-state devices used to control operation of air conditioning, heating and refrigeration systems. Students construct and evaluate circuits and their components to gain solid understanding of how components function together to provide desired system operation. Students troubleshoot components and design control systems based on projects assigned in class. Projects include control systems for air conditioning, oil heating, gas heating, and reverse-cycle refrigeration systems. Emphasis also on motor controls as well as pneumatics. (3 hrs. lecture, 4 hrs. laboratory.) Prerequisites: HV14 and HV16.

G / 4 cr. hrs.

**HV18 / HVA232****HVAC/R COMMERCIAL SYSTEMS**

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.

G / 5 cr. hrs.

**HV19 / HVA242****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.

G / 5 cr. hrs.

**HV20 / HVA252****HVAC/R SYSTEM DESIGN**

Students complete necessary calculations, drawings and proposals to execute three major design projects which may include, but are not limited to, gas-fired forced air systems with air conditioning, oil and/or gas-fired hydronic or radiant heat systems, heat pump systems, commercial and residential split-type air conditioning systems, and air distribution systems. Emphasis on use of manufacturer's literature and design aids, which include computer programs designed to facilitate system selection and performance parameters. (2 hrs. lecture; 4 hrs. laboratory.) Prerequisites: HV18 and MA41.

G / 4 cr. hrs.



**HV30 / HVA260****HVAC/R INTERNSHIP**

Provides supervised, real-world experience with carefully selected HVAC/R contractors. Through required weekly seminars, students receive instruction on topics related to employment environment while obtaining practical work experience. Students must perform minimum of 120 supervised, field-service hours. Prerequisites: completion of minimum of 24 credit hours in "HV" courses and minimum grade point average of 2.5, or written permission from Cooperative Education Coordinator and either Director of HVAC/R department or Campus Dean.

G / 3 cr. hrs.

**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****WESTERN CIVILIZATION I**

Study of principal forces that have shaped European civilization from antiquity to 1715. Note: *Credit given for HS11 or ID11, but not both.* No prerequisite.

A-E-G / 3 cr. hrs.

**HS12 / HIS102****WESTERN CIVILIZATION II**

Study of ideas, politics and economies that influenced European civilization since 1715. Note: *Credit given for HS12 or ID12, but not both.* No prerequisite.

A-E-G / 3 cr. hrs.

**HS20 / HIS201****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.

A-E / 3 cr. hrs.

**HS22 / HIS107****MODERN WORLD HISTORY**

Study of major developments in world history from World War II to the present. Issues of war, population, the environment and the international economy are analyzed. No prerequisite.

A-E-G / 3 cr. hrs.

**HS33 / HIS103****FOUNDATIONS OF AMERICAN HISTORY**

Survey of American history from its colonial beginnings through the Civil War. Topics include origin and development of American ideals, American Revolution and constitution, westward expansion and Jacksonian Democracy, social and economic changes in the mid-19th century, slavery and the Civil War. No prerequisite.

A-E-G / 3 cr. hrs.

**HS34 / HIS104****MODERN AMERICAN HISTORY**

Analysis of American history from mid-19th century to the present. Topics include impact of industrialism, development of America as a world power, increased role of federal government, and present state of American society. No prerequisite.

A-E-G / 3 cr. hrs.

‡ *Course Fee***HS38 / HIS105****WOMEN'S ROLE IN AMERICAN HISTORY**

Analysis of the part that women played in American History from the 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.

A-E / 3 cr. hrs.

**HS39 / HIS106****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.

A-E / 3 cr. hrs.

**HS41-44A / HIS240-243A****HS45-47G / HIS244-246G****HS48-50E / HIS247-249E****SPECIAL TOPICS IN HISTORY**

Special and current topics in history. Content varies from year to year.

A-E-G / 3 cr. hrs. each

**HS51 / HIS118****MAJOR WORLD CULTURES**

Major intellectual and cultural achievements of the world's great non-European civilizations. Stresses global integration and the need to understand the unique beliefs and contributions of the many different human communities that have given shape to our present-day world civilization. No prerequisite.

A-E / 3 cr. hrs.

**HS57 / HIS119****THE FAR EASTERN WORLD**

Survey of historical, geographic, cultural and economic forces and features influencing people and policies of China and Japan. Special emphasis on contemporary problems of Far East. No prerequisite.

A-E-G / 3 cr. hrs.

**HS90 / HIS120****HISTORY OF RELIGION**

Origins, development and impact of major religions of the contemporary world: Hinduism, Buddhism, Confucianism, Taoism, Shinto, Judaism, Christianity and Islam. Main beliefs and practices of these religions are analyzed in relation to the social, economic, political and cultural background of each population. No prerequisite.

A-E-G / 3 cr. hrs.

## HONORS

EG96H / ENG224H

### 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. G / 3 cr. hrs.

EG98H, 99H / ENG222H, 223H

### ENGLISH HONORS

Honors courses open to students with 3.0 average or better in nine credit hours of English, including EG13. Specific content varies from semester to semester. A / 4 cr. hrs. each

HM28H / HUM115H

### 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. A / 4 cr. hrs.

HM77H / HUM120H

### 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. A / 4 cr. hrs.

HM81H / HUM125H

### 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. G / 4 cr. hrs.

HM87H / HUM130H

### 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 revenge theme in drama, fiction, film, folk tale and song, including works which treat avenger as hero and those which probe destructive effects of obsessive revenge and moral dilemmas involved. G / 4 cr. hrs.

HM88H / HUM135H

### 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. G / 4 cr. hrs.

HM92H / HUM140H

### 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. E / 4 cr. hrs.

HM94H / HUM145H

### 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. E / 4 cr. hrs.

‡ Course Fee

**IDHS / IND115H****HONORS SEMINAR – CIVILIZATION**

Honors seminar providing further opportunity for discussion of the ideas, and particularly the literature, introduced in the basic course. Students are asked to explore themes important to each unit with further reading and discussion and write three short papers for the seminar. Corequisite for ID11H and ID12H.

A / 1 cr. hr.

**ID45H / IND120H****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.

E / 4 cr. hrs.

**MA28H / MAT115H****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.)

A-G / 4 cr. hrs.

**SC28H / SOC115H****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.

A / 4 cr. hrs.

**SC49H / SOC121H****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.

A / 4 cr. hrs.

**SC60H / SOC125H****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.

E / 4 cr. hrs.

**SC62H / SOC130H**

**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. E / 4 cr. hrs.

**SC65H / SOC135H**

**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. E / 4 cr. hrs.

**SM27H / SCI127H**

**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. Implication 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 useful. A / 4 cr. hrs.

**SM66H / MAR116H**

**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. E / 4 cr. hrs.

**SM68H / MAR118H**

**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. E / 4 cr. hrs.

**HORTICULTURE**

**HO11† / HOR111**

**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.) E / 3 cr. hrs.

**HO17 / HOR112**

**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.) E / 3 cr. hrs.

**HO21† / HOR113**

**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.) E / 3 cr. hrs.

**HO25 / HOR114**

**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. E / 3 cr. hrs.

**HO34 / HOR121****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.) E / 3 cr. hrs.

**HO35† / HOR122****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.) E / 4 cr. hrs.

**HO41 / HOR123****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. E / 3 cr. hrs.

**HO45 / HOR124****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 prior course: BY21. E / 4 cr. hrs.

**HO47 / HOR125****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. E / 3 cr. hrs.

**HO50† / HOR131****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.) E / 3 cr. hrs.

**HO51† / HOR132****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.) E / 3 cr. hrs.

**HO52† / HOR133****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. E / 3 cr. hrs.

**HO54† / HOR134****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. E / 3 cr. hrs.

**HO55† / HOR135****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 prior courses: HO45, HO47. E / 3 cr. hrs.

**HO56† / HOR136****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 prior course: HO55. E / 3 cr. hrs.

**HO57† / HOR137****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. E / 3 cr. hrs.

**HO58 / HOR138****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. E / 3 cr. hrs.

**HO60-69 / HOR161-169****SPECIAL TOPICS IN HORTICULTURE**

Special and current topics in horticulture. Content varies from year to year. E / 3 cr. hrs. each

**HO68 / HOR141**

**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. E / 3 cr. hrs.

**HO91 / HOR151**

**HORTICULTURE INTERNSHIP/  
COOPERATIVE EDUCATION**

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. Registration in this course requires that students purchase liability insurance through the college. E / 3 cr. hrs.

**HUMANITIES**

Note: See list on page 183 of other subjects which satisfy "Humanities Area" elective requirements.

**HM28H / HUM115H**

**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. A / 3 cr. hrs.

**HM31 / HUM111**

**THE HOLOCAUST**

Literature and film emerge from the most profound of human experiences. In the 20th century, perhaps the most profound of those experiences was the Holocaust. The scope of hatred, deadlines of purpose, and organization of mass murder raise questions which have become more and more disturbing even as we move away from the event. This course examines not only the roots and nature of the Holocaust, but also how internationally known writers and filmmakers have reacted to the event. No prerequisite. A-E-G / 3 cr. hrs.

**HM44 / HUM114**

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

**HM46 / HUM116**

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

**HM48, 49 / HUM148, 149**

**WOMEN AND THE ARTS**

Interdisciplinary rotating course with varying content from semester to semester. A / 3 cr. hrs. each

**HM50 / HUM120**

**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. E / 3 cr. hrs.

**HM51 / HUM121**

**DEVELOPING CREATIVE  
IMAGINATION IN THE ARTS**

Theoretical foundation as well as practical experience in approaching problems of communication in literature and visual arts. Studies such areas as form, symbol and narrative meaning within selected historical contexts (e.g., romantic, modern, post-modern) to show how one interprets and gives meaning to creations of artists and writers. Also offers students opportunity to engage intensively in creative problem solving in the arts. Prerequisite: EG11. E-G / 3 cr. hrs.

**HM52 / HUM122**

**GENDER AND THE LAW**

Examines place and image of women within American legal system. Investigates religious influences and philosophical origins of gender differences in the law, with emphasis on issues such as hate crimes, child custody and divorce. No prerequisite. A / 3 cr. hrs.

‡ Course Fee

**HM60 / HUM130****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. Registration in this course requires that students purchase liability insurance through the college. Prerequisite: EG11 or permission of instructor. Recommended: minimum of 12 credit hours. A / 3 cr. hrs.

**HM71-79A / HUM240-246A****HM81-89G / HUM247-253G****HM91-99E / HUM254-259E****INTERDISCIPLINARY STUDIES IN  
THE HUMANITIES**

Special topics in humanities from an interdisciplinary perspective. Content varies from semester to semester. A-E-G / 3 cr. hrs. each

**HM77H / HUM120H****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, Genucalt, Turner and Constable. Concert and museum attendance is required. Prerequisite: enrollment in Honors Program or permission of Campus Dean or Honors Program office. A / 3 cr. hrs.

**HM81H / HUM125H****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. G / 4 cr. hrs.

**HM83 / HUM249****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. G / 3 cr. hrs.

**HM87H / HUM130H****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. G / 4 cr. hrs.

**HM88H / HUM135H****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. G / 4 cr. hrs.

**HM89 / HUM253****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. G / 4 cr. hrs.

**HUM92H / HUM140H****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.

E / 4 cr. hrs.

**HUM94H / HUM145H****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.

E / 4 cr. hrs.

**SS22-23‡ / HUS201-211****HUMAN SERVICES SEMINAR AND FIELD PRACTICUM I AND II**

Involve classroom study and 8 or 12 hours per week, respectively, of off-campus field work. Students are placed in social work agency where they receive intensive supervised experience in working with people. Classroom work emphasizes sharing of field experiences and development of student's own use of him/herself in role of helping professional. Explores issues relating to professional ethics and responsibilities, process recording, confidentiality, termination, current professional issues and theories of helping. Enrollment requires students to purchase liability insurance through college. Offered online or daytime; fieldwork component completed primarily during day hours. Enrollment requires permission of instructor and completion of replacement essay. SS22 offered only in fall semester. SS23 offered only in spring semester. (Fall semester: 3 hrs. seminar, 8 hrs. laboratory; spring semester: 3 hrs. seminar, 12 hrs. laboratory.) SS22 prerequisites: admission to Human Services curriculum and grade of C or better in SS11 and SS12; SS22 corequisite: SS30. SS23 prerequisites: grade of C or better in SS22 and SS30.

A / 5 cr. hrs. for SS22, 6 cr. hrs. for SS23

**SS30 / HUS205****THEORY AND METHODS OF HELPING IN THE HUMAN SERVICES**

Teaches process of assessment and helping as collaborative endeavor focusing on consideration of person's strengths and ecosystem variables. Particular attention paid to professional ethics and cultural competence in empowerment-based practice. Offered days only in fall semester. (3 hrs. lecture.) Prerequisites: grade of C or better in SS11 and SS12. Corequisite: SS22.

A / 3 cr. hrs.

**SS41-44 / HUS141-144****SPECIAL TOPICS IN HUMAN SERVICES**

Special and current topics in human services. Content varies from year to year.

A / 3 cr. hrs. each

**INFORMATION PROCESSING****IP12‡ / INP101****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.

A-E-G / 4 cr. hrs.

**HUMAN SERVICES**

Note: Enrollment in SS22 and above is limited to students officially admitted to the Human Services Program.

**SS11 / HUS101****INTRODUCTION TO SOCIAL WELFARE**

Survey of historical, social, political and economic influences on social welfare system in United States. Includes examination of prevailing social problems of concern to human service professionals, descriptions of current public welfare programs and their predecessors, and overview of fields of practice in social welfare. Requires 25 hours of volunteer service in local social service agency. Open to all students. Serves as unrestricted, liberal arts or social science elective for students not enrolled in Human Services Program. Offered daytime in fall semester and evening in spring semester. (3 hrs. lecture/discussion.)

A / 3 cr. hrs.

**SS12 / HUS103****INTERVIEWING IN SOCIAL WORK PRACTICE**

Overview of theory and skills integral to the interview as part of the social work process of helping. Includes discussions and demonstrations of stages of the professional helping interview, impact of interviewer attitudes, cross-cultural interviewing, types of social work interviews and general principles of interviewing. Role-play and classroom experiential learning are significant course components. 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.

A / 3 cr. hrs.



**IP20 / INP120****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.

G / 4 cr. hrs.

**IP30† / INP130****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. A-G / 3 cr. hrs.

**INTERDISCIPLINARY STUDIES****ID11 / IND101****CIVILIZATION: THE HUMAN EXPERIENCE I**

Development of Western culture from beginning of recorded history through 15th century. Team teaching concentrates on artistic contributions such as literature, painting, sculpture, music and architecture, and experience of politics, religion, science and philosophy. The historical element serves as the synthesizing force in this integrative approach to study of Western culture. Satisfies either humanities or social science course requirements. Prerequisite or corequisite: EG11.

A / 3 cr. hrs.

Note: *Credit given for ID11 or HS11, but not both.***ID12 / IND102****CIVILIZATION: THE HUMAN EXPERIENCE II**

Development of Western culture from 15th century to the present. Team teaching emphasizes impact of historical change (revolution, nationalism, industrialism, imperialism) upon the humanities (music, art, literature, philosophy.) The historical element serves as the synthesizing force in this integrative approach to study of Western culture. Satisfies either humanities or social science course requirements. Prerequisite or corequisite: EG11.

A / 3 cr. hrs.

Note: *Credit given for ID12 or HS12, but not both.***IDHS / IND115H****HONORS SEMINAR – CIVILIZATION**

Honors seminar providing further opportunity for discussion of the ideas, and particularly the literature, introduced in the basic course. Students are asked to explore themes important to each unit with further reading and discussion and write three short papers for the seminar. Corequisite for ID11H and ID12H.

A / 1 cr. hr.

**ID15 / IND120****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.

G / 3 cr. hrs.

**ID33 / IND123****JEWISH THOUGHT AND CULTURE**

Examines intellectual and cultural achievements of Jewish civilization. In particular, the central philosophical idea of Judaism is examined through writings of key Jewish philosophers such as Maimonides, Rosenzweig and Buber. Cultural achievements in such areas as literature, film, art, and music are discussed both for their intrinsic aesthetic value and for what they reveal about Jewish life. No special background or prerequisite is needed.

A / 3 cr. hrs.

**ID45H / IND120H****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. Required for Eastern Campus students in the Honors Program Diploma Sequence who have previously completed at least two interdisciplinary core courses.

E / 4 cr. hrs.

**ID60-69 / IND160-169****SPECIAL TOPICS IN INTERDISCIPLINARY STUDIES**

Uses team-teaching approach to the liberal arts. Subject varies from year to year. No prerequisite.

A / 3 cr. hrs. each

**ID80 / IND140****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. Registration in this course requires that students purchase liability insurance through the college. Prerequisites: completion of minimum of 24 credit hours and minimum grade point average of 2.5, or permission of Cooperative Education coordinator and department or campus Office of Instruction.

A-E / 3 cr. hrs.

**SE15 / ENV115****ENVIRONMENTAL ISSUES**

Focuses on cause and effect relationship of pollution and environmental degradation. Emphasis on current environmental issues threatening well-being of earth's ecosystems, resources and populations. Special attention given to Long Island's environmental problems.

E / 3 cr. hrs.

Note: *Credit given for SE15 or SE28, but not both. Does not fulfill a laboratory science requirement.*

**SE28 / ENV128****CONTEMPORARY ENVIRONMENTAL  
PROBLEMS**

Identifies and examines current environmental problems from viewpoint of environmental, social, political and economic consequences. Solutions are formulated and their impacts examined.

A / 3 cr. hrs.

Note: *Credit given for SE28 or SE15, but not both. Does not fulfill a laboratory science requirement.*

**INTERIOR DESIGN****IN13† / INT101****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*) E / 3 cr. hrs.

**IN14† / INT103****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*) E / 3 cr. hrs.

**IN15† / INT201****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*) E / 3 cr. hrs.

**IN16 / INT235****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.

E / 2 cr. hrs.

**IN51† / INT205****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*) E / 3 cr. hrs.

**IN52† / INT220****MATERIALS AND CONSTRUCTION  
METHODS FOR INTERIOR DESIGNERS**

Synthesizing of product knowledge and finishes. Proper application and details stressed. Students develop a complete set of schedules for windows, doors, wall finishes, plumbing fixtures and lighting. Modelmaking, code requirements, barrier-free design, estimating and cost analysis are integrated into the series of drawings. (2 hrs. lecture, 4 hrs. studio per week.) Prerequisite: IN51 or permission of instructor. (offered spring semester only) E / 4 cr. hrs.

**IN53 / INT225****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) E / 3 cr. hrs.

**IN54 / INT208****PROFESSIONAL PRACTICE FOR  
INTERIOR DESIGNERS**

Introductory course which examines practical, financial, legal and business considerations of the practicing interior designer. Case studies provide the basis for formulation of contracts, cost and materials estimating, pricing, project development and letters of agreement. Professional ethics and interpersonal communication skills as they relate to the field and to client relationships are emphasized. Students required to participate in field trips that may exceed scheduled classroom hours. Prerequisite: IN14 or permission of instructor. (offered fall semester only) E / 3 cr. hrs.

**IN79 / INT230****COOPERATIVE EDUCATION AND  
INTERNSHIPS IN INTERIOR DESIGN**

Supervised on-the-job training directly related to field of interior design. Integrates classroom theory with practical work experience. A weekly one-hour seminar held on campus and a minimum of 120 hours working in interior design field are required. Registration in this course requires that students purchase liability insurance through the college. 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) E / 3 cr. hrs.

**ITALIAN**

(†COURSE FEE FOR AMMERMAN AND GRANT CAMPUSES ONLY)

**IT11-12† / ITL101-102****ELEMENTARY ITALIAN I and II**

Introductory sequential courses in Italian which develop four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Introduce basic concepts of Italian culture. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) *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.")

A-E-G / 3 cr. hrs. each

Note: Credit given for 1) either or both courses in the IT11-12 sequence or 2) IT13, but not for both options.

**IT13† / ITL113****INTENSIVE ELEMENTARY ITALIAN  
I AND II**

Accelerated course covering elementary Italian sequence (IT11 and IT12) in one semester. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) No prerequisite. A-E-G / 6 cr. hrs.

Notes: 1) *This course is not appropriate for native/fluent speakers of Italian – IT51 recommended or see advisor.*

2) *May not be taken for credit after any other course in Italian.*

**IT51† / ITL201****INTERMEDIATE ITALIAN I**

Continues study of structures of Italian with more intensive oral and writing practice. Introduces cultural and literary selections. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) Prerequisite: IT12 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.") A-G / 3 cr. hrs.

**IT52† / ITL202****INTERMEDIATE ITALIAN II**

Structured 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. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) Prerequisite: IT51 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.") A-G / 3 cr. hrs.

**IT60 / ITL220****ITALIAN CONVERSATION AND COMPOSITION**

Advanced-level Italian course focusing on development of oral and written communication skills within wide range of contexts and situations. Reviews specific grammatical structures, broadens general vocabulary and enhances correct pronunciation techniques to strengthen accuracy and precision in oral and written Italian. Prerequisite: IT52 or fulfillment of equivalent high school placement requirements. (See guidelines chart under “Foreign Languages.”)

A-G / 3 cr. hrs.

**IT61 / ITL221****CULTURE AND CIVILIZATION OF ITALY**

Overview of culture and civilization of Italy through examination of literature, history and art forms, including film, music and mass media. Given in Italian. Prerequisite: IT52 or fulfillment of equivalent high school placement requirements. (See guidelines chart under “Foreign Languages.”)

A-G / 3 cr. hrs.

**IT62 / ITL222****SURVEY OF MODERN ITALIAN LITERATURE**

Study of representative works of 20<sup>th</sup> and 21<sup>st</sup> century Italian literature. Selections from prose, poetry and theatre are read, analyzed and discussed. Given in Italian. Prerequisite: IT52 or fulfillment of equivalent high school placement requirements. (See guidelines chart under “Foreign Languages.”)

A-G / 3 cr. hrs.

**JOURNALISM**

NOTE: *Journalism courses satisfy English elective requirements.*

**JN25 / JRN101****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.

A-E-G / 3 cr. hrs.

**JN26 / JRN102****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: JN25 or permission of instructor. (*offered spring semester only*)

A-E-G / 3 cr. hrs.

**JN28 / JRN103****MAGAZINE WRITING AND PUBLIC RELATIONS**

Prepares students for writing magazine articles and presents introduction to study of public relations. Students learn to write query letters. Includes material on interviewing and developing sources to prepare longer stories for the magazine market. Students learn how to prepare and market a story for publication. Also includes study of public relations. Students write press releases and work on developing publicity campaigns. Prerequisite: JN25 or permission of instructor. (*offered fall semester only*)

A / 3 cr. hrs.

**JN29 / JRN104****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 one of the local papers. Prerequisite: JN25 or permission of instructor. (*offered spring semester only*)

A / 3 cr. hrs.

**JN30 / JRN201****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: EG 11.

A / 3 cr. hrs.

**JN31 / JRN202****JOURNALISM PRACTICUM**

Offers three credits for students who work 30 contact hours per semester on the student newspaper. Includes working on all phases of the newspaper: editing, reporting, feature writing, photography, layout, advertising, editorial writing and sportswriting. Students meet weekly with instructor for evaluation of their work. Registration priority given to students working on student newspaper. Registration in this course requires that students purchase liability insurance through the college. Prerequisites: JN25 and permission of instructor. Course restricted to journalism majors or newspaper staff members.

A-E-G / 3 cr. hrs.

**JN32 / JRN203****WRITING REVIEWS AND CRITICISM**

Develops skills in writing critical articles. Techniques in writing reviews of literature, music, art, drama, film and other fields are analyzed. Current reviews from various media and scholarly journals are examined. Additionally, critical skills in news analysis and interpretive reporting are stressed. Prerequisite: EG 11.

A / 3 cr. hrs.

## LIBRARY RESEARCH

Note: *Credit given for LR11 or LR15, but not both.*

### LR11 / LIB101

#### 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. A-E-G / 1.5 cr. hrs.

Note: *Can be used to fulfill Freshman Seminar requirement.*

### LR15 / LIB103

#### LIBRARY RESEARCH METHODS

Enhances basic concepts and skills needed to complete college-level research. Prepares individuals to make effective life-long use of information sources and information systems. Instruction focuses on developing systematic method of research and gaining confidence in techniques of locating information, including electronic resources. A / 3 cr. hrs.

Note: *Can be used to fulfill Freshman Seminar requirement.*

## MARINE BIOLOGY AND OCEANOGRAPHY

### MB20† / MAR111

#### MARINE BIOLOGY

Populations of animals and plants inhabiting Long Island's intertidal and nearshore environments are studied. Special attention given to the biology and natural history of these organisms. Community relationships and effects of abiotic environment on coastal populations also emphasized. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

A-E / 4 cr. hrs.

### MB25† / MAR115

#### 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. E / 3 cr. hrs.

### OC15† / MAR105

#### INTRODUCTION TO OCEANOGRAPHY

Life in the oceans is studied against a background of its interaction with the physical, chemical and geological environment. Lectures, laboratory and field trips explore fundamental properties which underlie oceanic phenomena. For liberal arts and general studies students. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: MA07 or equivalent.

A-E-G / 4 cr. hrs.

### SM66H / MAR116H

#### 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.

E / 4 cr. hrs.

### SM68H / MAR118H

#### 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.

E / 4 cr. hrs.

## MATHEMATICS

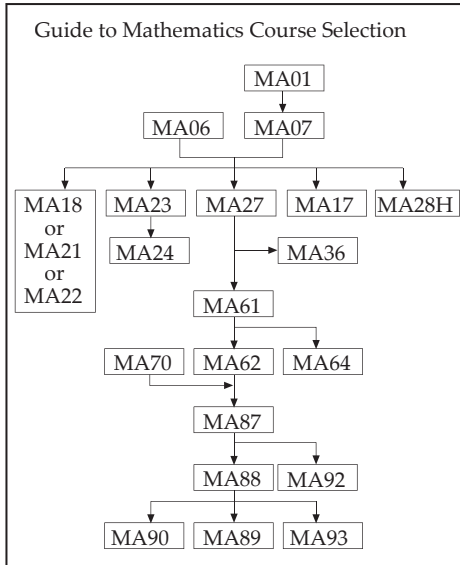
Course Selection — A-E-G

### I. Placement

Incoming students are initially placed into mathematics courses based on their mathematics background and SCCC placement test scores. 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 campus Office of Instruction, 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 Western Campus, Sagtikos 100.)

MALA / MAL050

**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.*

A-E-G / 4 hrs.

MA01 / MAT001

**DEVELOPMENTAL MATHEMATICS SKILLS**

For the student who needs to learn or strengthen basic arithmetic skills, introductory plane geometry concepts, and to prepare for entry into beginning algebra. Grading in this course determined by mastery of completed topics. Graded on an S-R-U-W basis. *Does not fulfill requirements for any degree or certificate.* Students taking this course must also take MA07 before enrolling in a college-level mathematics course.

A-E-G / 3 hrs.

MA06 / MAT006

**PRE-ALGEBRA AND ALGEBRA I**

Review of arithmetic skills and introduction to the basic concepts of algebra. Topics include arithmetic skills, geometry, language of algebra, order of operations, signed numbers, linear equations, two equations in two unknowns, polynomials, solving quadratic equations by factoring, and selected verbal problems. Graded on an SA-SB-SC-R-U-W basis. *Does not fulfill requirements for any degree or certificate.* Serves as a prerequisite for any course for which MA07 is a prerequisite.

A-E-G / 5 hrs.

MA07 / MAT007

**ALGEBRA I**

Introduction to basic concepts of algebra. Equivalent to first-year high school algebra. Topics include language of algebra, order of operations, signed numbers, linear equations, simultaneous equations, factoring, solving quadratic equations by factoring, application of algebra to selected verbal problems. Graded on an SA-SB-SC-R-U-W basis. *Does not fulfill requirements for any degree or certificate.*

A-E-G / 4 hrs.

MA17† / MAT107

**COMPUTER MATHEMATICS CONCEPTS**

For students pursuing a Computer Technology degree program. Stresses problem-solving and computer mathematics concepts. Taught with a computer lab component. Topics include number systems, computer arithmetic, sets, logic, functions, vectors, matrices, sequence, selection and repetition, and problem solving. Prerequisite: MA07 or equivalent. *MA17 and CS12 are corequisites for students in the Information Technology curriculum.*

A-E-G / 4 cr. hrs.

Note: *Credit given for MA17 or MA21, but not both.*

**MA18 / MAT108****MATHEMATICS AND THE LAW**

For students pursuing Paralegal Studies degree program. Topics include statistics, logic, consumer mathematics, functions, linear systems of equations, graphing, geometry and linear programming. Topics applied to legal problems such as introduction of statistical evidence, computation of damage awards, child support, preparation of mortgage and closing documents, completion of bankruptcy petitions, distribution of decedent's estate, calculation of taxes during probate, preparation of graphs for prospectuses, valuation of professional practice, computation of child support and maximization of law firm's profit. Prerequisite: MA07 or equivalent. A-G / 3 cr. hrs.

Note: *Credit given for MA18 or MA22, but not both.*

**MA21 / MAT101****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.

A-E-G / 3 cr. hrs.

Note: *Credit given for MA21 or MA17, but not both.*

**MA22 / MAT102****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.

A-E-G / 3 cr. hrs.

Note: *Credit given for MA22 or MA18, but not both.*

**MA23 / MAT103****STATISTICS I**

For students interested in social sciences, health sciences, business and industry. Theory of probability is used to develop methods of statistical inference, confidence intervals and decision theory. Topics include sample spaces, statistical models, binomial and normal distribution, t-distribution and chi-square distribution. Prerequisite: MA07 or equivalent.

A-E-G / 3 cr. hrs.

**MA24 / MAT104****STATISTICS II**

For students interested in social sciences, health sciences, business and industry. Expands on statistical concepts and methods treated in MA23 and provides opportunity to apply statistical methods to an actual survey. Teaches how to select a sample, interview respondents and analyze data. Additional topics include non-parametric statistics, correlation and regression, analysis of variance and decision making. Prerequisite: C or better in MA23.

A-E-G / 3 cr. hrs.

**MA27 / MAT111****ALGEBRA II**

Continuation of study of basic concepts of algebra. Topics include brief review of elementary algebra, solutions of second-degree equations, radicals, complex numbers, rational expressions, polynomial expressions, rational exponents and roots, systems of equations and inequalities. Prerequisite: MA07 or equivalent. A-E-G / 4 cr. hrs.

**MA28H / MAT115H****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.*) A-G / 4 cr. hrs.

**MA36 / MAT121****FINITE MATHEMATICS**

For students interested in business, social and managerial sciences. Introduction to basic concepts and techniques of those areas in mathematics which deal with finite sets. Topics include linear programming, probability theory, matrix manipulations, Markov Chains, game theory and optimization problems. Prerequisite: MA27 or equivalent.

A-E-G / 3 cr. hrs.

**MA41 / MAT112****TECHNICAL MATHEMATICS I**

*Restricted to students in certain technical curricula.* Includes review of elementary algebra, scientific notation, use of calculator, linear functions, trigonometric functions, system of linear equations, solution of oblique triangles and vector addition, properties of exponents and radicals. Prerequisite: MA07 or equivalent. A-G / 4 cr. hrs.

**MA42 / MAT113****TECHNICAL MATHEMATICS II**

*Restricted to students in certain technical curricula.* Covers use of calculator, complex numbers, theory and use of logarithms, basic theory of equations, trigonometric identities, inequalities and basic analytical geometry. Prerequisite: C or better in MA41.

A / 4 cr. hrs.

**MA50-53A / MAT151-153A, 251-253A****MA54-56G / MAT154-156G, 254-256G****MA57-59E / MAT157-159E, 257-259E****SPECIAL TOPICS IN MATHEMATICS**

Special and current topics in mathematics. Content varies from year to year. A-E-G / 3-4 cr. hrs. each

**MA61 / MAT124**

**FUNDAMENTALS OF PRECALCULUS I**

Concept of function introduced early and used throughout course. Topics include zeros and graphs of polynomial functions, graphs and asymptotes of rational functions, exponential and logarithmic functions, introduction to trigonometry, angle measurement, right triangle trigonometry, properties and graphs of trigonometric functions. Prerequisite: C or better in MA27 or successful completion of three years of college preparatory mathematics.

A-E-G / 4 cr. hrs.

Note: *Credit given for MA61 or MA70, but not both. Successful completion of both MA61 and MA62 is equivalent to MA70 completion.*

**MA62 / MAT125**

**FUNDAMENTALS OF PRECALCULUS II**

Concept of function used throughout course. Topics include trigonometric functions and inverses, identities and equations, laws of sines and cosines, DeMoivre's Theorem and complex numbers, polar and parametric equations, systems of linear equations and inequalities, partial fractions and the conics. Prerequisite: MA61 (C or better) or equivalent.

A-E-G / 4 cr. hrs.

Note: *Credit given for MA62 or MA70, but not both. Successful completion of both MA61 and MA62 is equivalent to MA70 completion.*

**MA64 / MAT131**

**CALCULUS FOR NON-SCIENCE MAJORS**

For students of accounting, business, economics, social sciences and general studies. Involves study of functions, derivatives and integrals. Strong emphasis placed on application of these concepts to problems from fields of business, social sciences and some life sciences. Prerequisite: MA61 or equivalent.

A-E-G / 4 cr. hrs.

Note: *Credit given for MA64 or MA87, but not both.*

**MA70 / MAT126**

**PRECALCULUS MATHEMATICS**

For students with strong mathematics backgrounds planning to enter calculus sequence. Topics include polynomial, rational, trigonometric, exponential and logarithmic functions; conic sections; translation of axes; linear and nonlinear systems; trigonometric laws and formulas, and applications; DeMoivre's Theorem and complex numbers; polar and parametric equations; and partial fractions. Prerequisite: successful completion of three years of college preparatory mathematics (80 or better on the Sequential III or Math B Regents).

A-E-G / 4 cr. hrs.

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**

**CALCULUS WITH ANALYTIC GEOMETRY I**

Study of limits, continuity, theory and application of the derivative; related rate problems; maxima and minima; definite and indefinite integrals; areas under curves and volumes of revolution. (5 contact hrs.) Prerequisite: C or better in MA62 or MA70.

A-E-G / 4 cr. hrs.

Note: *Credit given for MA87 or MA64, but not both.*

**MA88† / MAT142**

**CALCULUS WITH ANALYTIC GEOMETRY II**

Study of logarithmic, exponential and trigonometric functions; techniques of integration; trapezoidal rule and Simpson's rule; polar coordinates; indeterminate forms; L'Hopital's rule; improper integrals; Taylor's formula and infinite series. (5 contact hrs.) Prerequisite: C or better in MA87.

A-E-G / 4 cr. hrs.

**MA89 / MAT203**

**CALCULUS WITH ANALYTIC GEOMETRY III**

Study of vectors and solid analytical geometry, vector calculus, partial derivatives, calculus of several variables, and multiple integration. Special topics may include Green's Theorem, Stoke's Theorem and other topics which may be of special interest to the class. Prerequisite: C or better in MA88.

A-E-G / 4 cr. hrs.

**MA90 / MAT204**

**DIFFERENTIAL EQUATIONS**

Introduction to differential equations and their applications. Topics include separable equations, autonomous equations, direction fields, mathematical modeling, homogeneous and nonhomogeneous linear equations, linear systems of differential equations, power series solution of differential equations, nonlinear systems of equations and numerical methods. Prerequisite: C or better in MA88.

A-E-G / 4 cr. hrs.

**MA92 / MAT205**

**DISCRETE MATHEMATICS**

Of special interest to students majoring in computer science and engineering as well as mathematics. Topics chosen from mathematical logic, set theory—an introduction to combinatorics, Boolean algebras with applications to circuit minimization, graph theory, differential equations, and algebraic structures with applications to coding theory. Prerequisite: C or better in MA87.

A-G / 4 cr. hrs.

**MA93 / MAT206**

**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.

A-G / 3 cr. hrs.



## MEDICAL ASSISTING

### MED11 / MED111

#### MEDICAL TERMINOLOGY

Comprehensive knowledge of medical terminology increases students' knowledge of anatomy, physiology and disease. The principal method of building medical vocabulary is to identify prefixes, suffixes and roots. Students learn to recognize Greek and Latin derivatives. (3 hrs. lecture.) G / 3 cr. hrs.

## MUSIC

### MU11 / MUS101

#### UNDERSTANDING MUSIC

Introductory course which develops ability to listen to and understand music. Recorded and visual materials utilized in studying specific styles, forms and idioms, from Baroque to early 20th century. Required listening and required concerts. No prerequisite.

A-E-G / 3 cr. hrs.

### MU16 / MUS106

#### 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. No prerequisite.

A-G / 3 cr. hrs.

### MU17 / MUS107

#### 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. No prerequisite.

A-G / 3 cr. hrs.

### MU23 / MUS113

#### 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.

A-G / 3 cr. hrs.

### MU24 / MUS114

#### 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.

A-G / 3 cr. hrs.

### MU26 / MUS126

#### 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. Corequisites: MU41 and MU87. A / 3 cr. hrs.

### MU27 / MUS127

#### 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. Prerequisites: MU26, MU41, MU87. Corequisites: MU42 and MU88. A / 3 cr. hrs.

### MU28 / MUS228

#### 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. Prerequisites: MU27, MU42, MU88. Corequisite: MU43. A / 3 cr. hrs.

### MU29 / MUS229

#### 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. Prerequisites: MU28 and MU43. Corequisite: MU44. A / 3 cr. hrs.

**MU40 / MUS109****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. A-G / 3 cr. hrs.

**MU41 / MUS121****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. A / 3 cr. hrs.

**MU42 / MUS122****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. Prerequisites: MU26, MU41, MU87. Corequisites: MU27 and MU88. A / 3 cr. hrs.

**MU43 / MUS242****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. Prerequisites: MU27, MU42, MU88. Corequisite: MU28. A / 3 cr. hrs.

**MU44 / MUS244****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. Prerequisites: MU28 and MU43. Corequisite: MU29. A / 3 cr. hrs.

**MU45 / MUS245****MUSIC THEORY V: POST-TONAL THEORY AND ANALYSIS**

Begins with chromatic harmony of Wagner and the progressive dissolution of tonality at end of the 19th century, and continues with analysis of the musical languages of such significant composers as Mahler, Debussy, Stravinsky, Schoenberg, Webern and others. Especially focuses on basic atonal set theory and 12-tone technique. Prerequisite: MU43 or permission of instructor. A / 3 cr. hrs.

**MU51 / MUS116****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.

A-E-G / 3 cr. hrs.

**MU52 / MUS231****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. A / 3 cr. hrs.

**MU53 / MUS133****FRET-BOARD THEORY/HARMONY**

Enhances basic skills in entry-level guitar students. Emphasis on melodic and chordal sight-reading, rhythms, position playing, modes and music theory as applied to guitar. Prerequisite for participation in Guitar Ensemble (MU99). A / 3 cr. hrs.

**MU54 / MUS134****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. A-E / 3 cr. hrs.

**MU55 / MUS141****TWENTIETH CENTURY MUSIC**

Survey of modern art music from late 19th century to present. Emphasis on style analysis, contributions of major composers, and relationship to social and cultural background. Does not cover jazz or popular music. Required listening and score analysis. Prerequisite: MU11 or equivalent. A-G / 3 cr. hrs.

**MU56† / MUS142****SYNTHESIS**

Basic concepts in synthesis of music are explored. Emphasis on generation and treatment of sound, as well as use of sound modules, digital keyboards, computers and appropriate sound manipulating software. Students develop compositional projects utilizing both musical and sound effect materials. Prerequisite: MU40 or permission of instructor.

G / 3 cr. hrs.

**MU57† / MUS152****MIDI (Musical Instrument Digital Interface)**

Students become familiar with musical potential of MIDI. Emphasis on principles of interconnectivity between various MIDI devices including synthesizers, recorders and digital processors. Additional topics include instruction in use of computerized sequencers. Prerequisite: MU40. Corequisite: MU87 (or equivalent.) G / 3 cr. hrs.

† Course Fee

**MU58† / MUS153****RECORDING TECHNOLOGY I**

Introduction to basic techniques of sound and recording equipment and techniques. Students become familiar with principles of audio physics as well as with studio equipment, layout and practices. Recording projects using analog recording systems required. G / 3 cr. hrs.

**MU59† / MUS154****RECORDING TECHNOLOGY II**

Continuation of basics of studio recording begun in Recording Technology I. Attention paid to microphone design and placement, console operation and effects processing. Recording projects with live musicians simulate the recording studio. Prerequisite: MU58. G / 3 cr. hrs.

**MU61-69A / MUS240-243A****MU76-79G / MUS244-246G****MU81-85E / MUS247-249E****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. A-E-G / 1-3 cr. hrs. each

**MU62 / MUS168****GOSPEL CHOIR**

Special topics course covering listening, vocal production, articulation, interpretation, stage presence, improvisation, technique and styles of gospel music. Provides participants 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; corequisite: MU92. A / 2 cr. hrs.

**MU72 / MUS136****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. Permission of instructor required. A-G / 3 cr. hrs.

**MU87† / MUS127****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. A-G / 2 cr. hrs.

Note: *This course restricted to music majors at the Ammerman Campus. It cannot be used as a humanities or liberal arts elective in any degree program.*

**MU88† / MUS128****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.

A-G / 2 cr. hrs.

Note: *This course restricted to music majors at the Ammerman Campus. It cannot be used as a humanities or liberal arts elective in any degree program.*

**MU91† / MUS161****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.

A / 2 cr. hrs.

**MU92† / MUS162****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.

A-E-G / 2 cr. hrs.

**MU93† / MUS163****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 credit for more than two semesters. A / 2 cr. hrs.

**MU94† / MUS164****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. A / 2 cr. hrs.

**MU95† / MUS165****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.

A / 2 cr. hrs.

**MU98† / MUS166**

**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.

A / 2 cr. hrs.

**MU99† / MUS167**

**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.

A / 2 cr. hrs.

**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.*

**NA10† / NRA101**

**NURSING ASSISTANT**

Teaches skills necessary to assist nurses in care of patients in a variety of health care settings. Upon successful completion of program, students are eligible to take the National Certification Examination and become certified nurse's aides. Course can be completed in one semester and is composed of lecture, laboratory on campus and laboratory in a local long-term care facility. Registration in program requires that students purchase liability insurance through the college. (4 hrs. lecture, 6 hrs. college/clinical laboratory.)

A / 6 cr. hrs.

**NR15 / NUR115**

**SEMINAR FOR NURSING STUDENTS**

Introduction to study skills and critical thinking skills needed to succeed in nursing profession. Emphasizes identifying problems with their inferences and assumptions. Students required to analyze and synthesize data from multiple sources. Connects learning skills with those needed in profession of nursing. Corequisite: NR20. (1.5 hrs. lecture)

A-G / 1.5 cr. hrs.

**NR19 / NUR103**

**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.

A / 2 cr. hrs.

**NR20† / NUR101**

**FUNDAMENTALS OF NURSING**

Study of basic nursing concepts as well as stress and adaptation. Nursing process forms framework for nursing practice. 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 utilized to develop and apply nursing theories and skills. Registration requires that students purchase liability insurance through the college. (4 hrs. lecture, 2 hrs. college laboratory, 6 hrs. clinical laboratory.) Corequisites or prerequisites: BY30 and PC11.

A-G / 7 cr. hrs.

**NR23† / NUR123**

**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.)

A-G / 3 cr. hrs.

**NR29† / NUR129**

**NURSING (Advanced Placement Program)**

Summer-only course presenting nursing process as structure for nursing practice. Study of adult physical and mental health incorporating responses and adaptation to stress. Adaptation and stress management promoted for adults who manifest their stress with physical and mental illness. Experiences include laboratory on campus and clinical experiences in health care settings to integrate nursing theory and skills. Registration requires that students purchase liability insurance through the college. (8-week summer session: 5 hrs. lecture, 2 hrs. college laboratory, 12 hrs. clinical laboratory.) Prerequisite: open only to licensed practical nurses who have been formally accepted into the advanced placement program.

A / 9 cr. hrs.

**NR33 / NUR133****ADULT 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. Registration requires that students purchase liability insurance through the college. (2.5 hrs. lecture, 2 hrs. college laboratory, 5 hrs. clinical laboratory.) Prerequisite: NR20; corequisite or prerequisite: BY32.

A-G / 5 cr. hrs.

**NR36 / NUR136****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. Registration requires that students purchase liability insurance through the college. (2.5 hrs. lecture, 5 hrs. clinical laboratory.) Prerequisite: NR20; corequisite or prerequisite: BY32.

A-G / 4 cr. hrs.

**NR40† / NUR240****ADULT 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. Registration requires that students purchase liability insurance through the college. (5 hrs. lecture, 10 hrs. clinical laboratory.) Prerequisites: NR33 and NR36, or NR29; corequisite or prerequisite: BY44.

A-G / 8 cr. hrs.

**NR46† / NUR246****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 childrearing. Experiences to integrate nursing theory and skills include clinical experiences in health care settings and community agencies. Registration requires that students purchase liability insurance through the college. (2.5 hrs. lecture, 5 hrs. clinical laboratory.) Prerequisites: NR33 and NR36, or NR29.

A-G / 4 cr. hrs.

**NR48† / NUR248****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. Registration requires that students purchase liability insurance through the college. (2.5 hrs. lecture, 5 hrs. clinical laboratory.) Prerequisites: NR33 and NR36, or NR29.

A-G / 4 cr. hrs.

**NR71-73A / NUR171-173A****NR74-76G / NUR174-176G****SPECIAL TOPICS IN NURSING**

Special and current topics in nursing. Content varies from year to year.

A-G / 1-3 cr. hrs. each

**NR75 / NUR121****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.)

A-G / 1 cr. hr.

## OCCUPATIONAL THERAPY ASSISTANT

Note: Enrollment in OA courses is limited to students formally admitted to the Occupational Therapy Assistant program.

**OA11† / OTA101****INTRODUCTION TO OCCUPATIONAL THERAPY**

Studies history, philosophy, ethics and function of occupational therapy profession and its place in contemporary health care service delivery. Discusses other allied health disciplines and agencies providing care for disabled. Introduces concept of occupation, communication skills, and beginning occupational therapy media in laboratory. Also introduces crafts, activity analysis, and principles of occupation-based intervention. One or more field visits, accomplished through out-of-class assignments made to observe occupational therapy services. Registration in this course requires that students purchase liability insurance as specified by OTA program. (2 hrs. lecture, 3 hrs. laboratory.) No prerequisite. Offered fall semester only.

G / 3 cr. hrs.

**OA14 / OTA102****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.*

G / 2 cr. hr.

**OA15 / OTA105****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.*

G / 2 cr. hr.

**OA18† / OTA118****OCCUPATIONAL THERAPY MEDIA AND APPLICATIONS I**

Examines occupational therapy process of physical, psychosocial and developmental conditions commonly referred for occupational therapy for individuals from birth to adolescence. Teaches frames of reference, assessment/evaluation tools and intervention strategies specific to this period of development. Includes Level I fieldwork experience. Registration in this course requires that students purchase liability insurance as specified by OTA program. (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.*

G / 4 cr. hrs.

**OA21 / OTA121****OCCUPATIONAL THERAPY FOR PHYSICAL DYSFUNCTIONS**

Surveys occupational therapy theory and approaches specific to physically disabling conditions. Teaches assessment skills using observation, historical data and interviews within appropriate role delineation. Explores occupational therapy process, including effective documentation. Emphasizes collaboration strategies to work effectively as part of rehabilitation team. Registration in this course requires that students purchase liability insurance as specified by OTA program. (2 hrs. lecture.) Prerequisites: OA11, OA14 and OA15 with C grades or higher. Corequisite: OA18. *Offered spring semester only.*

G / 2 cr. hrs.

**OA23† / OTA131****OCCUPATIONAL THERAPY MEDIA AND APPLICATIONS II**

Examines occupational therapy process of physical, psychosocial and developmental conditions commonly referred for occupational therapy for individuals from late adolescence to middle adulthood. Teaches frames of reference, assessment/evaluation tools and intervention strategies specific to this period of development. Includes Level I fieldwork experience. Registration in this course requires that students purchase liability insurance as specified by OTA program. (2 hrs. lecture, 3 hrs. laboratory, 3 hrs. fieldwork.) Prerequisites: OA18 and OA21 with C grades or higher. *Offered summer semester only.*

G / 4 cr. hrs.

**OA28† / OTA201****OCCUPATIONAL THERAPY MEDIA AND APPLICATIONS III**

Examines occupational therapy process of physical, psychosocial and developmental conditions commonly referred for occupational therapy for individuals from middle to older adulthood. Teaches frames of reference, assessment/evaluation tools and intervention strategies specific to this period of development. Includes Level I fieldwork experience. Registration in this course requires that students purchase liability insurance as specified by OTA program. (2 hrs. lecture, 3 hrs. laboratory, 3 hrs. fieldwork.) Prerequisite: OA23 with C grade or higher. Corequisite: OA29. *Offered fall semester only.*

G / 4 cr. hrs.

**OA29 / OTA202****THE MANAGEMENT ROLE OF THE OCCUPATIONAL THERAPY ASSISTANT**

Application of principles of management and systems in provision of occupational therapy services. Addresses role and responsibilities of occupational therapy assistant as a whole, emphasizing service delivery models, profession and consumer advocacy, clinical management, supervision, program evaluation, professional responsibility, reimbursement mechanisms, time management, scheduling, inventory, and other skills required for management responsibilities in this field. Students integrate professional ethics, values and responsibilities with need to be autonomous while maintaining correct role delineation. (2 hrs. lecture.) Prerequisite: OA23 with C grade or higher. Corequisite: OA28. *Offered fall semester only.*

G / 2 cr. hr.

**OA35‡ / OTA211****CLINICAL PRACTICE I**

First of two supervised clinical experiences in occupational therapy practice setting for persons with disabilities. During practicum, students expected to apply knowledge from course work to carry out treatment plans with assigned clients. Students work under supervision of qualified occupational therapy practitioner at field site. Seminar component integrates clinical experience with course work. Clinical rotation may require full-time live-away situation. There may be some variation in time sequences of clinical placements. Registration in this course requires that students purchase liability insurance as specified by OTA program. (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.*

G / 6 cr. hrs.

**OA45‡ / OTA212****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. Registration in this course requires that students purchase liability insurance 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.*

G / 6 cr. hrs.

**OFFICE TECHNOLOGIES****OT24‡ / OFT101****BASIC KEYBOARDING**

Introduces and develops basic keyboarding skills. Especially useful for students who desire keyboarding skills for use with microcomputers. (2 hrs. laboratory.) *Credit given for OT24 only if credit is not received for the following courses: OT25, OT29 or equivalents.*

A-E-G / 1 cr. hr.

**OT25‡ / OFT102****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.)

A-E-G / 3 cr. hrs.

**OT29‡ / OFT103****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.)

A-E-G / 3 cr. hrs.

**OT62‡ / OFT107****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: IP12.

G / 2 cr. hrs.

**OPHTHALMIC DISPENSING****OD11 / OPD101****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.

G / 2 cr. hrs.

**OD13‡ / OPD103****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.)

G / 3 cr. hrs.

**OD14† / OPD104**

**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.) G / 3 cr. hrs.

**OD15† / OPD110**

**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.) Prerequisites: OD11 with C grade or higher and BY37. G / 3 cr. hrs.

**OD20† / OPD102**

**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. G / 3 cr. hrs.

**OD23† / OPD105**

**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. G / 3 cr. hrs.

**OD25† / OPD211**

**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. Registration in this course requires that students purchase liability insurance through the college. (2 hrs. lecture, 3 hrs. laboratory) Prerequisite: OD15 with C grade or higher. G / 3 cr. hrs.

**OD30† / OPD201**

**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. Registration in this course requires that students purchase liability insurance through the college. (2 hrs. lecture, 2 hrs. laboratory, 1 hr. clinic.) Prerequisites: OD13 and OD20 with C grade or higher and PH37, or permission of department head. G / 3 cr. hrs.

**OD33† / OPD203**

**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. G / 3 cr. hrs.



**OD35‡ / OPD212****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. Registration in this course requires that students purchase liability insurance through the college. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: OD25 with C grade or higher. G / 3 cr. hrs.

**OD37‡ / OPD221****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 optician program. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisites: OD15 and OD20 with C grades or higher. G / 3 cr. hrs.

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****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. Registration in this course requires that students purchase liability insurance through the college. (2 hrs. lecture, 2 hrs. laboratory, 1 hr. clinic.) Prerequisite: OD23 and OD30 with C grade or higher, or permission of department head. G / 3 cr. hrs.

**OD47‡ / OPD222****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 optician program. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: OD37 with C grade or better. G / 3 cr. hrs.

**OD48‡ / OPD231****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. Registration in this course requires that students purchase liability insurance through the college. (1 hr. seminar, 8 hrs. externship.) Prerequisites: OD13, OD15 and OD30 with C grade or higher. G / 3 cr. hrs.

**PHILOSOPHY****PL11 / PHL101****ISSUES IN PHILOSOPHY**

Investigates traditional and contemporary philosophical issues such as problem of knowledge, nature of reality, question of freewill versus determinism, and existence of mind, soul and God. No prerequisite. A-E-G / 3 cr. hrs.

**PL14 / PHL104****CRITICAL THINKING**

Develops methods of inquiry and analysis as core of a strategy of critical thinking. Students examine hypotheses according to evidence, role of necessary and sufficient conditions, concept of cause and effect, and treatment of alternative hypotheses. Includes use of these structures to formulate, evaluate, criticize and improve argument, judgment and interpretation. No prerequisite. A-E-G / 3 cr. hrs.

**PL15 / PHL105****LOGIC**

Nature and structure of the reasoning process as found in basic fields of thought. Emphasis on both formal and informal logic, including fallacies in reasoning. No prerequisite. A-E-G / 3 cr. hrs.

**PL17 / PHL201****HISTORY OF PHILOSOPHY**

Surveys contributions of principal figures in history of Western philosophy from early Greeks to modern thinkers. Emphasis on works of Plato and Aristotle as setting foundation of Western thought. Prior background in philosophy not necessary. No prerequisite. A-E-G / 3 cr. hrs.

**PL18 / PHL111****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? A-G / 3 cr. hrs.

**PL20 / PHL293**

**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. A / 3 cr. hrs.

**PL23 / PHL107**

**ETHICS**

Study of traditional and contemporary moral theories, along with consideration of some contemporary moral problems, designed to help develop student's ability to assess moral judgments. No prerequisite. A-E-G / 3 cr. hrs.

**PL24 / PHL211**

**BIOMEDICAL ETHICS**

In-depth exploration of abortion, euthanasia, genetic engineering, cloning, human experimentation, allocation of scarce life-saving resources and other related ethical issues of current vital concern. No prerequisite. A-E-G / 3 cr. hrs.

**PL25 / PHL212**

**ETHICAL ISSUES IN BUSINESS**

Within context of traditional and contemporary moral theory, investigates whether idea of business ethics makes sense, whether modern democratic social-welfare state – or any proposed alternative – is grounded in moral principle, whether corporations should have 'social conscience,' whether principle of *caveat emptor* ('let the buyer beware') takes precedence in consumer society, and (among other issues) whether 'globalization' or 'protectionism' is wave of future. No prerequisite. A-G / 3 cr. hrs.

**PL30 / PHL215**

**PHILOSOPHY OF RELIGION**

Critical analysis of nature of religion and major conclusions of religious thought. Class discussion concerns readings taken from works of traditional and contemporary philosophers, including Aquinas, Anselm, Hume, Kant, Russell, Ayer, Flew and Munitz. No prerequisite. A-E-G / 3 cr. hrs.

**PL32 / PHL113**

**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. A / 3 cr. hrs.

**PL40-43A / PHL240-243A**

**PL44-46G / PHL244-246G**

**PL47-49E / PHL247-249E**

**SPECIAL TOPICS IN PHILOSOPHY**

Critical analysis of special philosophical topics where specific content varies from year to year.

A-E-G / 3 cr. hrs. each

**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 PE96: Wellness: A Lifestyle Approach in lieu of two credits of activity courses. 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**

**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. A-E-G / 1 cr. hrs.

**PE13 / PED113**

**WEIGHT TRAINING**

Develops and maintains physical fitness through proper technique and progressions of weight training with use of supplementary apparatus. A-G / 1 cr. hr.

**PE14 / PED114**

**BEGINNING TENNIS**

Basic instruction includes forehand stroke, backhand stroke and serve. Provides basic understanding of game and rules. A-E-G / 1 cr. hr.

**PE16 / PED116**

**SOCCER**

Covers basic fundamentals of soccer as well as provides opportunity to develop high level of aerobic fitness through vigorous participation. A-E-G / 1 cr. hr.

**PE17 / PED117**

**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. A-G / 1 cr. hr.

**PE18 / PED118**

**BASKETBALL/SOFTBALL**

Team sports in which students receive instruction in basic fundamentals as well as principles of team work essential for enjoyable competition. A-G / 1 cr. hr.

**PE19** / **PED119****FITNESS WALKING**

Develops aerobic fitness in students through analysis and practice of three levels of walking intensity. Pre- and post-fitness levels assessed. Self-monitoring of appropriate individualized intensity, frequency and duration of walking stressed utilizing a training journal in conjunction with class participation.

A-E-G / 1 cr. hr.

**PE20** / **PED120****BICYCLING**

Uses cycling as means toward improving cardiovascular fitness and endurance, regulating weight and enhancing recreational time. Roads and scenery of Suffolk County serve as backdrop to practice safe cycling and learn benefits of this type of activity. May be geared to moderate or intense workouts, based upon class duration. Registrants must have their own bicycles and helmets and be able to bicycle safely prior to enrolling. Does not teach how to bicycle.

A-E-G / 1 cr. hr.

**PE21** / **PED121****JOGGING AND FITNESS**

Promotes full body fitness through jogging and other related exercises. Techniques of running style stressed along with discussion of physiological aspects of total body fitness. Students encouraged to design a sound individualized jogging program based on proper training techniques.

A-E-G / 1 cr. hr.

**PE22** / **PED122****BADMINTON**

Covers basic fundamentals of lifetime sport of badminton. Stance, strokes, scoring and strategies demonstrated by instructor and practiced by students in teams.

G / 1 cr. hr.

**PE23** / **PED123****BASKETBALL**

Offers instruction in basic skills of basketball, including dribbling, passing, rebounding, shooting and defense. Discusses offensive and defensive schemes to develop appreciation for cognitive aspects of game.

A-E-G / 1 cr. hr.

**PE27** / **PED127****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.

A-E-G / 1 cr. hr.

**PE28** / **PED128****BOWLING**

Fundamentals of bowling; history of courtesies, scoring, approach and delivery. Also covers advanced techniques including reading lanes, types of balls, drill patterns, advanced releases and bowling drills. Fee paid directly to bowling lanes for all games bowled. Transportation required.

A-E-G / 1 cr. hr.

**PE29** / **PED129****VOLLEYBALL**

Develops basic skills of volleyball. Students learn correct method of passing, spiking and serving as well as rules, scoring and teamwork.

A-E-G / 1 cr. hr.

**PE33** / **PED133****SOCIAL DANCE**

Instruction in basic steps of modern ballroom dancing. Dances taught might include cha cha, swing, fox trot, meringue, etc.

A-G / 1 cr. hr.

**PE35-40E** / **PED135-140E****PE41-43, 70-76A** / **PED141-143, 170-176A****PE52-54, 81-85G** / **PED152-154, 181-185G****SPECIAL TOPICS IN****PHYSICAL EDUCATION**

Special and current topics in physical education. Content varies from year to year.

A-E-G / 1-2 cr. hrs. each

**PE36** / **PED136****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, meringue, etc.) that can be used in social settings.

E / 1 cr. hr.

**PE37** / **PED137****SWING DANCE**

Special topics course introducing basic elements of swing dance from its origins to modern practice.

E / 1 cr. hr.

**PE40** / **PED140****LIFEGUARDING**

Special topics course in which students expected to master skills of lifeguarding. Requires that students achieve level of aerobic and muscle strength and endurance necessary to perform duties of ocean and pool lifeguard. Pre- and post-fitness levels assessed. Self-monitoring of appropriate individualized intensity, frequency and duration of swimming is stressed utilizing a training journal in conjunction with class participation. Prerequisite or corequisite: HC22 or equivalent and swim 440 yards in 8 minutes at first class session. Transportation required.

E / 1 cr. hr.

**PE42** / **PED142****LONG ISLAND HIKING**

Special topics course covering 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.

A / 1 cr. hr.

**PE43** / **PED143****SPORTS CONDITIONING**

Special topics course in which each athlete's session 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.  
A / 1 cr. hr.

**PE44** / **PED144****BODY TONING**

Improves overall fitness through use of exercises, resistance work and movement techniques which provide emphasis on toning, muscular endurance and flexibility. Nutrition and weight control activities included.  
A-E-G / 1 cr. hr.

**PE45** / **PED145****TEAM SPORTS AND CONDITIONING**

For students who wish to improve their physical stamina through exercises, physical fitness testing, and participation in variety of team sports such as speedball, flag football, basketball, team handball and more.  
A / 1 cr. hr.

**PE47** / **PED147****YOGA**

Develops total physical awareness through Hatha Yoga. Lectures and demonstrations on nutrition, meditation and relaxation included.  
A-G / 1 cr. hr.

**PE48** / **PED148****SELF-DEFENSE**

Basic techniques of self defense. Instruction concentrated on teaching fundamentals of judo.  
A-G / 1 cr. hr.

**PE49** / **PED149****MODERN DANCE AND COMPOSITION**

Techniques and principles of modern dance composition applying spatial, temporal, dynamic and dramatic elements of choreography.  
A-G / 1 cr. hr.

**PE51** / **PED151****BACKPACKING**

Techniques and fundamentals of backpack camping. Included are one-day field trip and weekend campout. Transportation required.  
A-E-G / 1 cr. hr.

**PE52** / **PED152****COUNTRY WESTERN LINE DANCING**

Special topics course teaching basic steps of country western line dancing.  
G / 1 cr. hr.

**PE53** / **PED153****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.  
G / 1 cr. hr.

**PE54** / **PED154****INTRODUCTION TO EQUITATION**

Special topics course introducing basics of equitation. Includes emphasis on controlling the horse, understanding use of aids, movements of the horse, rider's position and safely working with horses.  
G / 1 cr. hr.

**PE55** / **PED155****INTRODUCTION TO SWIMMING**

Introduces fundamentals of water safety, swimming and swimming for conditioning. Pre- and post-fitness levels assessed. Self-monitoring of appropriate individualized intensity, frequency and duration of swimming stressed utilizing training journal in conjunction with class participation.  
E-G / 1 cr. hr.

**PE56** / **PED156****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.  
E-G / 1 cr. hr.

**PE59** / **PED159****MODERN JAZZ DANCE**

Techniques of jazz dancing from its origins to contemporary stage dancing.  
A-G / 1 cr. hr.

**PE60** / **PED160****AEROBICS**

Emphasizes improvement in cardiovascular endurance combining low- and high-impact moves and intensities through use of dance/locomotive patterns and a variety of other techniques.  
A-G / 1 cr. hr.

**PE61** / **PED161****KARATE**

Teaches an ancient and established art of the Orient using basic defensive and offensive techniques of Karate. First and second basic forms, called Katas, are introduced.  
A-G / 1 cr. hr.

**PE62** / **PED162****STEP AEROBICS**

Improves cardiovascular endurance combining low-impact work with moderate- to high-intensity conditioning response through use of creative step patterns, multidirectional variations and transitions, and interval training.  
A-G / 1 cr. hr.

**PE63** / **PED163****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.  
A-G / 1 cr. hr.

**PE65** / PED165**INTRODUCTION TO EQUITATION AND HORSEMANSHIP**

Introduces basics of equitation. Includes emphasis on controlling horse, understanding use of aids, movements of horse, rider's position and safely working with horses. Special fee and transportation required.  
G / 1 cr. hr.

**PE66** / PED166**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.  
G / 1 cr. hr.

**PE67** / PED167**LINE DANCING**

Introduces basic steps involved in line dancing. Students learn approximately 20 representative dances, combining memorization of steps with physical workout.  
G / 1 cr. hr.

**PE70** / PED170**INDOOR ROCK CLIMBING**

Special topics course covering 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.  
A / 1 cr. hr.

**PE71** / PED171**F.A.S.T.**

Special topics course covering Functional Agility and Strength Training through use of free weights. As total body program, course emphasizes core muscles (abdominal, back, etc.), improves functional strength and endurance in all muscle areas and results in enhanced performance of daily, recreational and sport activities.  
A / 1 cr. hr.

**PE72** / PED172**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.  
A / 1 cr. hr.

**PE73** / PED173**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. Offered summer only.  
A / 1 cr. hr.

**PE81** / PED181**SPINNING**

Special topics course introducing basics of spinning (indoor stationary cycling). Provides individually paced, non-impact cardiovascular workout set to inspirational music in non-competitive environment good for all fitness levels.  
G / 1 cr. hr.

**PE82** / PED182**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.  
G / 1 cr. hr.

**PE83** / PED183**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.  
G / 1 cr. hr.

**PE84** / PED184**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.  
G / 1 cr. hr.

**PE96** / PED196**WELLNESS: A LIFESTYLE APPROACH**

Stresses physical fitness as lifelong goal. Emphasizes improving current level of physical fitness. Also considers importance of nutrition, sports injury prevention, and psychological factors as they relate to general fitness. (1 hr. lecture, 2 hrs. laboratory.) No prerequisite.  
A-E-G / 2 cr. hr.

Note: Required for those students receiving a documented physical education medical waiver. The activity portion of PE96 is tailored to meet the needs of individual students and their respective disability.

## Fitness Specialist

Note: Enrollment in PF courses is limited to students officially admitted to the Fitness Specialist program. Students outside the program who meet the pre- and corequisites may be admitted to individual courses by the department when seats are available. In such 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

#### 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) A / 3 cr. hrs.

### PF15† / PFS113

#### EXERCISE LEADERSHIP AND CONCEPTS OF AEROBIC CONDITIONING

Physiological aspects of aerobic conditioning, principles of training, and biomechanics of appropriate movement patterns are covered. Exercise leadership techniques emphasized as students experience and learn design concepts for variety of aerobic conditioning programs: job/walk, aerobic dance, bike, treadmill, rower, etc. (1 hr. lecture, 2 hrs. laboratory.) Prerequisite: BY30; corequisite: BY32. A / 2 cr. hrs.

### PF16† / PFS201

#### EXERCISE LEADERSHIP AND CONCEPTS OF MUSCLE CONDITIONING

Covers physiological aspects of developing muscular strength and endurance, principles of training, exercise analysis and biomechanics of techniques. Exercise leadership techniques emphasized as students experience and learn design concepts for calisthenics, free weights, machines, etc., and their application for various programs and populations. (1 hr. lecture, 2 hrs. laboratory.) Prerequisites: BY30 and BY32. A / 2 cr. hrs.

### PF20† / PFS205

#### FITNESS ASSESSMENT AND SCREENING

Provides understanding of different components of fitness, various evaluation techniques, health screening of individuals, and their application to needs of clients and special populations in designing appropriate fitness program. (1 hr. lecture, 2 hrs. laboratory.) Prerequisites: PF15 and current CPR certification. Corequisite: PF16. A / 2 cr. hrs.

### PF23 / PFS209

#### 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, BY32. A / 3 cr. hrs.

### PF25 / PFS212

#### INJURY PREVENTION AND MANAGEMENT

Students study anatomy and biomechanics of human body discussing preventive and rehabilitative techniques for fitness and sport participation injuries. Stress reduction, over-training symptoms, and client's overall wellness included. Prerequisites: BY30, BY32 and PF23. A / 3 cr. hrs.

### PF32 / PFS214

#### 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) A / 3 cr. hrs.

### PF40† / PFS217

#### FIELDWORK IN FITNESS

Provides fitness specialists with on-campus practical fieldwork experience in working with clients by providing fitness assessment, screening, program design and leadership techniques through participation in an exercise program under supervision of department faculty. Knowledge base, skill and behavioral components covered in curriculum are assessed through this experience. Registration in this course requires that students purchase liability insurance through the college. (1 hr. lecture, 8 hrs. fieldwork.) Prerequisites: PF12, PF20 and PF23. Corequisites: PF25 and current CPR certification. A / 3 cr. hrs.

### PF50-59 / PFS150-159

#### 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. A / 1-3 cr. hrs. each

## PHYSICAL THERAPIST ASSISTANT

Note: Enrollment in PT courses is limited to students officially admitted to the Physical Therapist Assistant program.

### PT10 / PTA101

#### NORMAL MOVEMENT AND DEVELOPMENT

Concepts of normal motor control, locomotion, motor development and motor learning across lifespan. (3 hrs. lecture.) Prerequisite: BY30. Corequisites: PT12, PT14, PH30. A / 3 cr. hrs.

**PT12† / PTA103****PHYSICAL THERAPY SKILLS I**

Development of technical skill in delivery of physical therapy interventions including use of universal 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 impact on disability. (3 hrs. laboratory.) Prerequisite: BY30. Corequisites: PT10, PT14, PH30. A / 1 cr. hr.

**PT14 / PTA105****INTRODUCTION TO PHYSICAL THERAPY**

Concepts of practice of Physical Therapy including principles, laws and guidelines directing legal and ethical delivery of services by Physical Therapist Assistant. Provides instruction in documentation, methods of communication and patient interaction across diverse populations. (2 hrs. lecture.) Prerequisite: BY30. Corequisites: PT10, PT12, PH30. A / 2 cr. hrs.

**PT20† / PTA201****FOUNDATION OF DISEASE**

Pathophysiology and physical therapy management of diseases. (2 hrs. lecture.) Prerequisites: BY30, PT10, PT12, PT14, PH30. Corequisites: BY32, BY46, PT22, PT24. A / 2 cr. hrs.

**PT22† / PTA203****PHYSICAL THERAPY SKILLS II**

Basic principles of therapeutic exercise. Teaches manual resistive exercise, stretching, and gait/balance exercises and data collection procedures/tools for measuring change in gait, balance and sensation. (2 hrs. laboratory.) Prerequisites: BY30, PT10, PT12, PT14, PH30. Corequisites: BY32, BY46, PT20, PT24. A / 1 cr. hr.

**PT24† / PTA205****PHYSICAL AGENTS I**

Principles and techniques related to use of superficial thermal modalities and hydrotherapy in Physical Therapy. Teaches wound/burn management and data collection procedures/tools for monitoring change in pain, inflammation, edema and skin integrity. (1 hr. lecture, 2 hrs. laboratory.) Prerequisites: BY30, PT10, PT12, PT14, PH30. Corequisites: BY32, BY46, PT20, PT22. A / 2 cr. hrs.

**PT26† / PTA215****INTRODUCTION TO CLINICAL PRACTICE**

Principles of patient management. Provides opportunity to apply first year knowledge and skills in a clinical environment with variety of patients. This is an off-site course. Registration in this course requires that students purchase liability insurance through the college. (2 hrs. laboratory.) Prerequisites: BY32, BY46, PT20, PT22, PT24. A / 1 cr. hr.

**PT30† / PTA230****PHYSICAL AGENTS II**

Principles and techniques related to use of deep heating, mechanical, chemical and electrical physical agents in Physical Therapy. (1 hr. lecture, 2 hrs. laboratory.) Prerequisite: PT26. Corequisites: PT32, PT34, PT36. A / 2 cr. hrs.

**PT32† / PTA232****KINESIOLOGY**

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. A / 3 cr. hrs.

**PT34† / PTA234****PHYSICAL THERAPY SKILLS III**

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 and soft tissue mobilization/massage. (2 hrs. laboratory.) Prerequisite: PT26. Corequisites: PT30, PT32, PT36. A / 1 cr. hr.

**PT36† / PTA236****CLINICAL AFFILIATION I**

Skills to enhance patient management including workplace behaviors, interpersonal communication, time/stress management, chart reading, patient education, supervision, monitoring response/change in function, discharge planning and variation/progression of interventions within Physical Therapist's plan of care. Clinical component of course provides clinical practice in local physical therapy departments. Registration in this course requires that students purchase liability insurance through the college. (1 hr. lecture, 8 hrs. clinical.) Prerequisite: PT26. Corequisites: PT30, PT32, PT34. A / 3 cr. hrs.

**PT40 / PTA240****ADVANCED THERAPEUTIC EXERCISE**

Common musculoskeletal/neuromuscular/cardio-pulmonary 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. A / 3 cr. hrs.

**PT42† / PTA242****CLINICAL AFFILIATION II**

Administrative issues of a physical therapy department including reimbursement, utilization management/continuous quality improvement, and risk management/liability. Discusses legislation impacting physical therapy as well as topics of abuse, pro bono care, sexual harassment and wellness/prevention. Students develop a career plan. Clinical component of course provides clinical practice in local physical therapy departments. Registration in this course requires that students purchase liability insurance through the college. (1 hr. lecture, 25 hrs. clinical.) Prerequisites: PT30, PT32, PT34, PT36. Corequisite: PT40. A / 8 cr. hrs.

**PT51-54 / PTA151-154****SPECIAL TOPICS IN PHYSICAL THERAPIST ASSISTANT**

Special and current topics in physical therapist assistant. Content varies from year to year.

A / 1-4 cr. hrs. each

**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****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.

A / 4 cr. hrs.

**PH24‡ / PHY112****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.

A-G / 4 cr. hrs.

**PH30‡ / PHY115****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.

A / 4 cr. hrs.

Note: PH30 does not satisfy prerequisite for PH54.

**PH37‡ / PHY120****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. G / 4 cr. hrs.

**PH41-44 / PHY241-244****SPECIAL TOPICS IN PHYSICS**

Special and current topics in physics. Content varies from year to year.

A / 3-4 cr. hrs. each

**PH41‡ / PHY241****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.) Prerequisite: PH74, or TE24 and TE28, or permission of instructor.

A / 3 cr. hrs.

**PH53-54‡ / PHY101-102****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.)

A-G / 4 cr. hrs. each

**PH71‡ / PHY130****PHYSICS I**

Basic course in sequence of courses offered to majors in physical sciences, mathematics and engineering. Includes vectors, kinematics, dynamics, rotational kinematics and dynamics, gravitation. (4 hrs. lecture/recitation.) Prerequisite: MA87. Corequisites: MA88, PH72.

A / 3 cr. hrs.

**PH72‡ / PHY132****PHYSICS I LAB**

Mechanics laboratory. (2 hrs. laboratory.) Corequisite: PH71.

A / 1 cr. hrs.



**PH73† / PHY230**  
**PHYSICS II**

Introduction to electricity and magnetism, Coulombs Law, Gauss's Law, potential, Lenz's Law, Ampere's Law, Faraday's Law, inductance, magnetic materials. (4 hrs. lecture/recitation.) Prerequisite: MA88,PH71. Corequisite: PH74, MA89. A / 3 cr. hrs.

**PH74† / PHY232**  
**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. A / 1 cr. hr.

**PH75† / PHY245**  
**PHYSICS III**

Thermodynamics, waves, group and phase velocity, Fourier Series, oscillation in physical systems, AC circuit theory, Maxwell's Equations, electromagnetic waves, and geometrical and physical optics. (4 hrs. lecture/recitation.) Prerequisites: MA90, PH73 and PH74. Corequisites: PH76 and MA89. A / 3 cr. hrs.

**PH76† / PHY246**  
**PHYSICS III LAB**

AC circuit theory, waves, physical optics, and special topics in electromagnetic waves and electronics. (2 hrs. laboratory.) Corequisite: PH75. A / 1 cr. hr.

**PH77† / PHY247**  
**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. A / 3 cr. hrs.

**PH78† / PHY248**  
**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. A / 1 cr. hr.

**POLICE ADMINISTRATION**

*Courses offered at or through the Suffolk County Police Academy.*

**PD11 / POA110**  
**THE ADMINISTRATION OF**  
**CRIMINAL JUSTICE**

Court structure, courtroom testimony, laws of evidence and arrest, search and seizure, justification for use of force, confession and admissions and related subjects. G / 3 cr. hrs.

**PD13 / POA113**  
**PHYSICAL EDUCATION AND**  
**DEFENSIVE TACTICS**

Enables students to perform various exercises designed to improve cardiovascular endurance, muscular strength and flexibility. Also includes use of physical force for defensive purposes and to control actions of unruly persons. Training consists of various F.B.I.-approved defensive tactics. Proper nutrition also stressed. Does not count toward graduation. G / 3 cr. hrs.

**PD15 / POA115**  
**PATROL FUNCTIONS AND PROCEDURES**

Vehicle and foot patrol procedures, police radio communications, hazardous materials, emergency service, gas and electrical emergencies, death notification, crimes and incidents in progress, role-playing in routine and unusual situations confronting police officers. G / 3 cr. hrs.

**PD21 / POA121**  
**CRIMINAL INVESTIGATIONS**

Familiarization with specialized services such as crime laboratory, juvenile services, organized crime, medical examiner, canine patrol, etc. G / 3 cr. hrs.

**PD22 / POA122**  
**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 another rescuer. Also proper first aid to be rendered in various emergency situations. G / 3 cr. hrs.

**PD31 / POA131**  
**CRIMINAL LAW AND PROCEDURE**

Basic criminal law and procedure, definitions, and elements pertaining to appropriate degree and/or appropriate affirmative defenses. Crimes included but not limited to arson, assault, burglary, homicide, robbery, kidnapping, sex offenses, larceny and related offenses. G / 6 cr. hrs.

**PD55 / POA155**  
**COMMUNITY RELATIONS FOR POLICE**

Draws upon behavioral and social sciences to help prospective police officers recognize and deal with disturbed and violent people, potential suicides, alcohol abusers, sudden infant death syndrome, crisis intervention, etc. Also includes dealing with stress, sensitivity to human rights, ethics, and relations with citizens of diverse racial, ethnic, religious backgrounds. G / 3 cr. hrs.

**PD91 / POA191**  
**CRIMINAL JUSTICE INTERNSHIP**

A form of on-the-job training; highly structured and geared to duties and responsibilities inherent in enacting the police role. Occurs after formal classroom training and typically involves assignment of one or more experienced police officers to new recruit personnel for purpose of providing real on-the-street training, evaluation and retraining. Ultimately, objective of program is to prepare recruit personnel for solo assignments in the field. G / 6 cr. hrs.

## POLITICAL SCIENCE

PO15 / *POL101*

### POLITICAL THOUGHT

Introduction to major issues in politics and society, including ethics, justice, freedom, law and use of power. Selections from major political thinkers discussed and related to current political and social issues. No prerequisite. A-G / 3 cr. hrs.

PO20 / *POL103*

### STATE AND LOCAL POLITICS AND GOVERNMENT

Introduction to state and local governments, their institutions, processes by which they govern and political environments in which they operate. Includes current challenges state and local governments face due to changes in their relationship with national government and shifting policy needs. No prerequisite. A-E-G / 3 cr. hrs.

PO25 / *POL105*

### 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. A-E-G / 3 cr. hrs.

PO40 / *POL107*

### WORLD POLITICS

Study of nation-state system and nations' struggle for power; pursuit of self-interest through use of war and peace; search for national security, economic growth, international prestige and status; and management of conflicts between rich and poor nations. Contemporary approaches to study of world politics reviewed. No prerequisite. A-E-G / 3 cr. hrs.

PO41-44A / *POL240-243A*

PO45-47G / *POL244-246G*

PO48-49E / *POL247-249E*

### SPECIAL TOPICS IN POLITICAL SCIENCE

Special and current topics in political science. Content varies from year to year. A-E-G / 3 cr. hrs. each

PO51 / *POL151*

### PUBLIC SERVICE INTERNSHIP

Opportunity to observe and participate in work of governmental offices and government-funded community action agencies (8 hours per week.) Develops such skills as leadership, research, oral and written communication, as well as provides information regarding career planning. In addition to eight hours of field work, student attends 100-minute weekly seminar. Individual conferences also held between student and instructor. Prospective students should apply for this course at least two weeks prior to preregistration period. Prerequisites: minimum of 18 college credits, 3.0 average or better, EG11, PO20 and permission of departmental committee. A-G / 3-4 cr. hrs.

## PSYCHOLOGY

PC11 / *PSY101*

### 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. A-E-G / 3 cr. hrs.

PC15 / *PSY105*

### 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. A-E-G / 3 cr. hrs.

PC20 / *PSY201*

### BRAIN AND BEHAVIOR

Second semester of scientific study of human behavior. Stresses biological basis for behavior, physiological background of motivation, theories of learning, thinking, behavior genetics, theories of personality, psychopathology, and recent research and developments in psychology. Recommended for students who plan to major in behavioral sciences at baccalaureate institutions. Prerequisite: PC11. A-E-G / 3 cr. hrs.

PC41-44A / *PSY240-243A*

PC45-47G / *PSY244-246G*

PC48-50E / *PSY247-249E*

### SPECIAL TOPICS IN PSYCHOLOGY

Special topics in psychology. Content varies from year to year. A-E-G / 3 cr. hrs. each

PC41 / *PSY240*

### 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 A / 3 cr. hrs.

PC52 / *PSY202*

### SPORTS PSYCHOLOGY

Explores topical issues related to sports from several perspectives—those of individual athletes, coaches, sports psychologists, trainers, sports managers and that of the larger society. Issues discussed include goal setting for peak performance, motivation, competitive stressors, visualization, burnout and drug abuse, as well as issues of race and gender as they relate to stereotyping, participation and opportunity structure. Prerequisite: PC11. A / 3 cr. hrs.

**PC55 / PSY205****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. G / 3 cr. hrs.

**PC60 / PSY210****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. A-E-G / 3 cr. hrs.

**PC61 / PSY211****THE PSYCHOLOGY OF ADULTHOOD AND AGING**

Investigates progress of human development throughout adulthood and later life, primarily from psychological perspective. Although most of human lifespan is spent as an adult, developmental psychology courses, because of time constraints, either stop at adolescence or give short shrift to what follows it. This course enables students to understand psychological as well as sociological and anthropological aspects of the process of becoming an adult and aging. Prerequisite: PC11. A / 3 cr. hrs.

Note: *Credit given for PC61 or SO60, but not both.*

**PC63 / PSY213****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. A-E-G / 3 cr. hrs.

**PC64 / PSY214****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. A-E-G / 3 cr. hrs.

**PC66 / PSY216****SOCIAL PSYCHOLOGY**

Study of social interaction at several levels including personal perception and impression management, affiliation and attraction, aggression and pro-social behavior, attitude formation and change, group behavior and conformity, and social interaction in a changing society. Prerequisites: PC11 and SO11. A-E-G / 3 cr. hrs.

**PC70 / PSY220****EDUCATIONAL PSYCHOLOGY**

Understanding and applying methods of psychology to problems encountered in teaching/learning situations. Prepares way for professional understanding and insight into problems encountered in the contemporary classroom. Prerequisite: PC11. A-E-G / 3 cr. hrs.

**PC80 / PSY215****ABNORMAL PSYCHOLOGY**

Examines historical roots, theoretical orientations and current controversies in psychopathologies. Emphasis on description, cause and treatment of behavior disturbances. Prerequisite: PC11. A-E-G / 3 cr. hrs.

**PC88 / PSY218****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 in psychology, or PC11 and permission of instructor. E-G / 3 cr. hrs.

**RADIO AND TELEVISION PRODUCTION****RT11 / RTV101****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. A / 3 cr. hrs.

**RT12 / RTV102****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. A / 3 cr. hrs.

**RT21† / RTV111****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. A / 3 cr. hrs.

**RT22† / RTV122****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. A / 3 cr. hrs.

**RT25† / RTV115****ANNOUNCING**

Training in all aspects of radio and television announcing: news reading, commercials, drama and music continuity, ad lib. Prerequisite: RT21. A / 3 cr. hrs.

**RT31-32† / RTV121-122****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: RT21. A / 3 cr. hrs. each

**RT35 / RTV125****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. Prerequisites: EG11 and matriculation in Radio and Television Production curriculum. A / 3 cr. hrs.

**RT41 / RTV201****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. A / 3 cr. hrs.

**RT43† / RTV203****ELECTRONIC FIELD PRODUCTION**

Teaches skills involved in development of materials for television news and public affairs “magazine” programs. Hands-on experience provided in areas of production planning, on-location shooting and recording, and video tape editing. Prerequisites: CN19 and RT31. A / 4 cr. hrs.

**RT44† / RTV204****VIDEO EDITING**

Technology, techniques and theory of television post-production. 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. A / 4 cr. hrs.

**RT46-49 / RTV240-243****SPECIAL TOPICS IN RADIO AND TELEVISION PRODUCTION**

Special and current topics in radio and television. Content varies from year to year. A / 3-4 cr. hrs. each

**RT50, 51 / RTV250, 251****INTERNSHIP IN VIDEO AND SOUND**

Field work in broadcasting or cable television environment. Student obligations to be agreed upon in internship contract. Supervising faculty hold periodic meetings with student interns and their supervisors to coordinate intern performance. Students have obligation of 150 hours of field work and periodic class/discussion meetings. Registration in these courses requires that students purchase liability insurance through the college. Prerequisites: matriculation in Radio and Television Production curriculum and successful completion of 6 or more RT credits with grade of B or better. A / 4 cr. hrs. each

**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  
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. A-E-G / 3 hrs.

**RE10 with RELB (Reading Laboratory) / RDG099  
READING IN THE CONTENT AREAS**

Enhances basic reading skills necessary for successful completion of other content area courses. Develops ability to read and study textbook materials effectively; discover main ideas in paragraphs; discover meaning through use of absolute and conditional language; note details and make inferences; recognize structural devices in sentences and paragraphs; draw conclusions; outline and summarize; take notes from written and oral material; use proper form and style for research paper writing; develop vocabulary; prepare for and take exams; and develop study skills. Requires completion of 12 clock hours of individualized laboratory work for improvement of specific skill needs, 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. A-E-G / 3 hrs.

**RE11 / RDG101  
ADVANCED COLLEGE READING**

Develops advanced reading skills that sharpen ability to read and comprehend longer-passage materials through knowledge of structure, style, content and author intent. Emphasis on ability to analyze material for levels of profundity; main idea; paragraph order – deductive, inductive, development by facts, description of a process, analysis, cause 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. A-E-G / 3 cr. hrs.

**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  
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. A / 3 cr. hrs.

**RA16 / REC111  
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. A / 3 cr. hrs.

**RA17 / REC131  
ARTS AND CRAFTS FOR  
RECREATION SETTINGS**

Principles and practices of organizing, instructing and maintaining effective visual arts programs in recreation settings. Emphasis on leadership technique and activity skills. A / 3 cr. hrs.

**RA18 / REC132  
MUSIC AND MOVEMENT FOR  
RECREATION SETTINGS**

Music fundamentals for recreation leaders. Principles and practices of organizing, instructing and maintaining effective music programs in recreation settings. A / 3 cr. hrs.

**RA19 / REC136  
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. A / 3 cr. hrs.

**RA20 / REC120  
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. A / 3 cr. hrs.

**RA21 / REC121**

**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. A / 3 cr. hrs.

**RA30 / REC201**

**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. Registration in this course requires that students purchase liability insurance through the college. (2 hrs. lecture, 8 hrs. fieldwork.) Prerequisites: RA14 and either RA16 or RA20. A / 4 cr. hrs.

**RA40† / REC203**

**FIELDWORK IN RECREATION LEADERSHIP II**

Supervised field experience in a recreation program coordinated by college and approved cooperating agency. Emphasis on application of theory. Registration in this course requires that students purchase liability insurance through the college. (2 hrs. lecture, 12 hrs. fieldwork.) Prerequisite: RA30. A / 5 cr. hrs.

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 must have completed a minimum of 30 credits in the curriculum.

**RA68-69 / REC168-169**

**SPECIAL TOPICS IN RECREATION**

Special and current topics in recreation. Content varies from year to year. A / 3 cr. hrs. each

**SOCIOLOGY**

**SO11 / SOC101**

**INTRODUCTION TO SOCIOLOGY**

Fundamental principles and concepts of sociology including culture, interaction, norms, values, institutions, stratification and social change. A-E-G / 3 cr. hrs.

**SO17 / SOC207**

**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. A / 3 cr. hrs.

**SO22 / SOC121**

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

**SO24 / SOC204**

**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. G / 3 cr. hrs.

**SO33 / SOC203**

**MARRIAGE AND THE FAMILY**

Institution of the family as it fulfills specific social and individual needs. Emphasis on modern American family; cross-cultural elements also treated. Particular topics include mate selection, socialization, marital and parental relationships, role of the state, divorce and remarriage. Prerequisite: SO11. A-E-G / 3 cr. hrs.

**SO35 / SOC205**

**CRIMINOLOGY**

In-depth analysis of social nature of crime. Particular emphasis on cultural origins of deviance. Topics include penology, social control and administration of justice. Prerequisite: SO11. A-E-G / 3 cr. hrs.

**SO37 / SOC212**

**DEATH AND DYING**

Study of various aspects of the dying process with emphasis on American society. Some areas of concern are theories of bereavement and grieving, attitudes toward death, social processes such as wakes and funerals, religious orientations, and forms of sudden death. G / 3 cr. hrs.

**SO40 / SOC210**

**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. A / 3 cr. hrs.

**SO41-44A / SOC240-243A**

**SO45-47G / SOC244-246G**

**SO48-50E / SOC247-249E**

**SPECIAL TOPICS IN SOCIOLOGY**

Special and current topics in sociology. Content varies from year to year. A-E-G / 3 cr. hrs. each

**SO55 / SOC215****THE SOCIOLOGY OF GENDER**

Considers a number of gender-related questions facing U.S. society. What economic, social and cultural changes have modified traditional definitions of femininity and masculinity? How is gender socially constructed, reconstructed and deconstructed? Considers implications of changing gender roles for personal relationships among women, between women and men, and among men. How do women and men experience situations differently? Students learn about feminist movements, their impact on men's movements, and their implications for social change. Is there movement toward sexual equality? Explores cultural consequences of gender inequality in various institutions, and also examines intricate web of interrelationships between gender, race, class and age. Prerequisite: SO11. A / 3 cr. hrs.

**SO60 / SOC220****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. E / 3 cr. hrs.

Note: Credit given for SO60 or PC61, but not both.

**SPANISH**

(‡COURSE FEE FOR AMMERMAN AND GRANT CAMPUSES ONLY)

**SP11-12‡ / SPN101-102****ELEMENTARY SPANISH I and II**

Introductory sequential courses in Spanish which develop four language skills of listening, speaking, reading and writing with emphasis on communicative competence. Introduce basic concepts of Spanish culture. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) SP11 is for students with little or no knowledge of Spanish; it is not appropriate for native/fluent speakers of Spanish – SP51 is recommended or see advisor. Prerequisite for SP12: SP11 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

A-E-G / 3 cr. hrs. each

Note: Credit given for 1) either or both courses in the SP11-12 sequence or 2) SP13, but not for both options.

**SP13‡ / SPN113****INTENSIVE ELEMENTARY SPANISH I AND II**

Accelerated course covering elementary Spanish sequence (SP11 and SP12) in one semester. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) No prerequisite. A-E-G / 6 cr. hrs.

Notes: 1) *This course is not appropriate for native/fluent speakers of Spanish – SP51 or SP55 recommended or see advisor.* 2) *May not be taken for credit after any other course in Italian.*

**SP20-21 / SPN120-121****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. G / 3 cr. hrs. each

**SP22 / SPN122****SPANISH TERMINOLOGY FOR HEALTH CARE PERSONNEL**

Meets special linguistic needs of medical personnel and others who deal with Spanish-speaking clients in a health care setting. Basic linguistic and grammatical structures as well as vocabulary covered in context of medical/health-related situations. No prerequisite. (Does not fulfill foreign language requirements.)

G / 3 cr. hrs.

**SP51‡ / SPN201****INTERMEDIATE SPANISH I**

Continues study of structures of Spanish with more intensive oral and writing practice. Introduces cultural and literary selections. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) Prerequisite: SP12 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.") A-E-G / 3 cr. hrs.

**SP52‡ / SPN202****INTERMEDIATE SPANISH II**

Structured review focusing on oral and written communication. Introduces social, political and cultural aspects of Spanish world through analysis of wide range of authentic literary and cultural selections. Language laboratory requirement. (At Eastern Campus alternate activities substituted for laboratory sessions.) Prerequisite: SP51 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

A-E-G / 3 cr. hrs.

**SP55 / SPN125****SPANISH FOR SPANISH SPEAKERS**

Meets special linguistic needs of native or fluent speakers of Spanish who would benefit from formal language instruction in Spanish. Emphasizes reading and writing skills as well as vocabulary building. Cultural awareness also stressed. A-E-G / 3 cr. hrs.

**SP60 / SPN220****SPANISH CONVERSATION AND COMPOSITION**

Advanced-level course focusing on development of oral and written communication skills within wide range of contexts and situations. Reviews specific grammatical structures, broadens general vocabulary and enhances correct pronunciation techniques to strengthen accuracy and precision in oral and written Spanish. Prerequisite: SP52 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

A-E-G / 3 cr. hrs.

**SP61 / SPN221****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.")

A-E-G / 3 cr. hrs.

**SP62 / SPN222****SURVEY OF MODERN SPANISH LITERATURE**

Studies representative works of 20<sup>th</sup> and 21<sup>st</sup> century Spanish literature. Selections from prose, poetry and theater are read, analyzed and discussed. Given in Spanish. Prerequisite: SP52 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

A-E-G / 3 cr. hrs.

**SP63 / SPN223****ADVANCED SPANISH GRAMMAR AND COMPOSITION**

Develops higher levels of proficiency needed to communicate effectively in academic and professional writing tasks. Focuses on expository writing techniques such as analysis, organization, editing and revision. Attention given to more detailed aspects of grammatical structure and expansion of more formal vocabulary. Prerequisite: SP52 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

A-E-G / 3 cr. hrs.

**SP66 / SPN 226****SURVEY OF MODERN LATIN AMERICAN LITERATURE**

Studies representative works of 20<sup>th</sup> and 21<sup>st</sup> century Latin American literature. Selections from prose, poetry and theater are read, analyzed and discussed. Given in Spanish. Prerequisite: SP52 or fulfillment of equivalent high school placement requirement. (See guidelines chart under "Foreign Languages.")

A-E-G / 3 cr. hrs.

**TELECOMMUNICATIONS TECHNOLOGY****TT12‡ / TEL112****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.

A / 4 cr. hrs.

**TT15‡ / TEL115****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.

A / 3 cr. hrs.

**TT20‡ / TEL220****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.

A / 4 cr. hrs.

**TT22‡ / TEL222****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.

A / 4 cr. hrs.

**TT24‡ / TEL224****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.

A / 4 cr. hrs.

‡ Course Fee



**TT30† / TEL230****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. A / 4 cr. hrs.

**TT32† / TEL232****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. A / 4 cr. hrs.

**TT34† / TEL234****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. A / 4 cr. hrs.

**TT40† / TEL240****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. A / 4 cr. hrs.

**TT42† / TEL242****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. A / 4 cr. hrs.

**THEATRE****TH11 / THR101****UNDERSTANDING THEATRE**

Introductory course developing appreciation for and understanding of theatre in all its facets throughout history up to the present. Through lecture/demonstration and attendance at college theatre productions, students are exposed to major components of theatre including historical aspects, playwrighting, acting, directing and designing. No prerequisite. A-E-G / 3 cr. hrs.

**TH15† / THR115****BASIC THEATRE PRACTICE:  
STAGECRAFT**

Principles and practices of scenic construction, painting, shifting, rigging and stage mechanics. Development of skills in safe use of hand and power tools and stage equipment. Students learn to read ground plans and working drawings. Production projects in association with staging a college play are required. No prerequisite. A / 3 cr. hrs.

**TH16† / THR116****BASIC THEATRE PRACTICE:  
LIGHTING CRAFTS**

Basic electricity necessary for using and maintaining stage lighting instruments and accessories. Safety practices are taught. Major topics include principles of lighting, types and functions of lighting instruments, manual and remote lighting controls. Experience offered in production practices in translating a lighting design for a specific script to the lighted stage. Included are reading designs, organizing set-up period, preparation of charts, plugging, rigging, hanging, focusing of instruments and running the production. A / 3 cr. hrs.

**TH17† / THR117****BASIC THEATRE PRACTICE:  
COSTUME CRAFTS**

Basic sewing and costume construction. Includes simple maintenance of sewing equipment, organization of studio identification, use of supplies and characteristics, and treatment of natural and synthetic fabrics. Experience offered in analyzing and building costume design for a specific script into a finished costume. Includes pattern drafting, cutting and fitting. A / 3 cr. hrs.

**TH18† / THR118****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. A / 3 cr. hrs.

**TH19† / THR119****BASIC THEATRE PRACTICE: SOUND**

Equipment, methods and practices used in production of sound for the stage. (2 hrs. lecture, 2 hrs. laboratory.) A / 3 cr. hrs.

**TH21 / THR105****ACTING I**

Study and practice in basic techniques of acting. Application of theory through presentations of scenes, improvisations and exercises in class. No prerequisite. A-E-G / 3 cr. hrs.

**TH22 / THR205****ACTING II**

Concentrated study and practice of character creation through period and contemporary scene studies and class exercises. Prerequisite: TH21 or permission of instructor. A-E-G / 3 cr. hrs.

**TH24 / THR206****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. Prerequisites: TH21 and TH22. A / 3 cr. hrs.

**TH25† / THR125****DANCE FOR THEATRE**

Instruction in theatrical dancing using modern creative style as a basis. Body movement and technique exercise for actors. Choreography, composition and rhythm. Production hours assigned. No prerequisite. (Laboratory hrs. assigned.) A / 3 cr. hrs.

**TH27 / THR127****STAGE COMBAT**

Provides students practical concentrated study in basics of stage fighting. Utilizing fencing to develop focus, coordination and safety, students progress through rapier and broadsword use to elementary hand-to-hand techniques. Culmination of studies is staged choreography, with partner, of classical fight scene to demonstrate competence in all disciplines. No prerequisite. A / 3 cr. hrs.

**TH40 / THR210****AUDITION PREPARATION**

Offers practical concentrated study in basics of auditioning from the research, selection and rehearsal of a repertoire of four contrasting monologues to the utilization of the rules of Stanislavski-based text and scene analysis as it applies to the art of the cold reading. Teaches importance of proper audition etiquette and professional conduct. Course culminates with a monologue presentation critiqued by Acting Department faculty. Prerequisites: TH21 and TH22. A / 3 cr. hrs.

**TH41 / THR211****CLASSICAL THEATRE**

Study of classical drama in relation to stage design, acting and other elements of theatre. No prerequisite. A / 3 cr. hrs.

**TH42 / THR212****MODERN THEATRE**

Study of contemporary drama in relation to stage design, acting and other elements of theatre. No prerequisite. A / 3 cr. hrs.

**TH45 / THR131****NEW YORK THEATRE**

Theatre appreciation based on experiencing actual professional theatrical productions in New York. Lecture/discussion focuses on aspects of theatre production and critiques of performances attended. Cost of theatre tickets and transportation is responsibility of each student. No prerequisite. A-E-G / 3 cr. hrs.

**TH46-49 / THR240-243****SPECIAL TOPICS IN THEATRE**

Special and current topics in theatre. Content varies from year to year. A / 3 cr. hrs. each

**TH49 / THR243****THEATRE PORTFOLIO REVIEW**

Special topics course focusing 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. A / 1.5 cr. hrs.

**TH51 / THR151****THEATRE WORKSHOP**

Experiences in various aspects of production. Projects for class may be one-act plays or scenes from plays, musicals or operas. May be repeated once for credit. Prerequisite: permission of instructor. A-E-G / 3 cr. hrs.

**TH52-55† / THR152-155****PRODUCTION LABORATORY I-IV**

Learning through doing is goal of Production Laboratory. Practical experience in theatre is achieved by successfully completing a cast or crew assignment on one of college's theatre productions. Production areas include acting, scenic construction, 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. A-G / 2 cr. hrs. each

## VETERINARY SCIENCE TECHNOLOGY

### VS12† / VST101

#### INTRODUCTION TO ANIMAL TECHNOLOGY

Survey course introducing terminology and specializations of animal technology field. Lectures and demonstrations include role of veterinary technician; career opportunities; safety, ethics and humane treatment of animals; information related to different classifications and breeds of animals; principles and practices of animal care in clinics, hospitals and research laboratories; handling and restraint of large, small and research animals; legal regulations, state and federal laws. Requires two field visits to observe professions in animal health field. Students must demonstrate proof of current tetanus inoculation and provide own transportation to off-campus field experiences. (1 hr. lecture, 2 hrs. laboratory.)

G / 2 cr. hrs.

### VS13† / VST102

#### COMPARATIVE ANATOMY OF DOMESTICATED ANIMALS

In-depth discussion of basic principles of comparative anatomy of domesticated animals for each organ system. Laboratories involve dissection of cat, rat, chicken and various preserved organ specimens. Anatomical CD-ROM simulations used to supplement and enhance learning experience. (2 hrs. lecture, 3 hrs. laboratory.)

G / 3 cr. hrs.

### VS21† / VST201

#### LABORATORY ANIMAL TECHNOLOGY

Prepares students for careers as laboratory animal technicians. Topics focus on theoretical and practical aspects of husbandry, restraint, and handling of commonly used research animals. Includes preparation of students for more advanced course work in Veterinary Science Technology curriculum by emphasizing aspects of medical terminology and pathology and by accustoming students to manipulation of living animals. Safety and humane treatment emphasized throughout course. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisites: VS12 and VS13, or permission of department.

G / 3 cr. hrs.

### VS22 / VST114

#### VETERINARY PRACTICE MANAGEMENT

Principles involved in operating a veterinary practice. Legal aspects of practice are discussed as well as methods of managing personnel, financial responsibilities, ordering drugs and supplies, keeping inventory and bookkeeping. Students use illustrations from actual practices and become familiar with forms currently in use. The computer and its impact and use in veterinary medicine are discussed. Hands-on experience is obtained. (2 hrs. lecture.)

G / 2 cr. hrs.

### VS23† / VST112

#### COMPARATIVE PHYSIOLOGY OF DOMESTICATED ANIMALS

Basic physiological systems and their interrelationships in mammalian and avian species. Lectures compare and contrast basic systems (neuromuscular, skeletal, cardiovascular, respiratory, digestive, urinary, reproductive, endocrine and immune). Laboratories focus on quantitative measurement of physiological parameters. CD-ROM simulations used to supplement and enhance learning experience. (3 hrs. lecture, 3 hrs. laboratory.) Prerequisites: VS13 and CH21, or permission of department.

G / 4 cr. hrs.

### VS24 / VST205

#### PHARMACY AND PHARMACOLOGY

Focuses on aspects of pharmacy and pharmacology important to practicing veterinary technician. Major topics include proper handling, storage and dispensing of pharmaceuticals. Drug action, appropriate drug selection, and calculations of various drug dosages are taught. (2 hrs. lecture.) Prerequisite: VS13 or permission of department.

G / 2 cr. hrs.

### VS31† / VST203

#### ANIMAL CLINIC INTERNSHIP I

### VS43† / VST213

#### ANIMAL CLINIC INTERNSHIP II

Two-course sequence providing supervised applied training in veterinary animal hospital or animal research facility for each semester. Through these supervised training experiences students develop their skills as animal technicians. Performance is evaluated by supervising veterinarian or facility manager. Students required to provide their own transportation to off-campus field experiences. Registration in these courses requires that students purchase liability insurance through the college. (1 hr. lecture, 8 hrs. clinical experience.) Prerequisites: VS34 and BY42 or permission of department.

G / 3 cr. hrs. each

### VS32† / VST202

#### CLINICAL LABORATORY TECHNIQUES I

Various aspects of veterinary hematology which are important to the LVT. Lecture topics provide background anatomy, physiology, biochemistry and pathophysiology necessary for comprehensive understanding of procedures covered in laboratory portion of course. Laboratory sessions concerned primarily with collection, storage, handling and analysis of blood. Registration in this course requires that students purchase liability insurance through the college. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisite: VS23 or permission of department.

G / 3 cr. hrs.

VS33† / VST206

**VETERINARY CARDIOLOGY AND RADIOLOGY**

Prepares students for participation in two important areas of diagnostic technology. Cardiology portion enables students to understand and participate in process of cardiovascular evaluation; emphasis on electrocardiography. Radiology portion imparts knowledge of X-ray machinery and use, film processing, patient positioning and safety. (3 hrs. lecture, 2 hrs. laboratory.) Prerequisite: VS23. G / 4 cr. hrs.

VS34† / VST111

**FARM ANIMAL NURSING**

Laboratory hands-on course providing students with necessary technical skills and knowledge to function as farm animal nurses. Familiarizes students with proper handling techniques and procedures such as restraint, collection of specimens, and medication of farm animal species. Students required to provide their own transportation to off-campus field experiences. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisites: VS12 and VS13 or permission of department. G / 3 cr. hrs.

VS41† / VST216

**SURGICAL NURSING AND ANESTHESIOLOGY**

Prepares students to monitor veterinary patient throughout all aspects of anesthesia and surgery. Responsibilities include daily monitoring of patient, and pre-surgical assessments through post-surgical care. Different forms and levels of anesthesia are reviewed. Emphasis on practical patient care includes maintenance of surgical instrumentation and monitoring equipment. (2 hrs. lecture, 3 hrs. laboratory.) Prerequisites: VS32 and BY43, or permission of department. G / 3 cr. hrs.

VS42† / VST212

**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.) Prerequisites: VS32 and BY43, or permission of department. G / 3 cr. hrs.

VS43† / VST213

**ANIMAL CLINIC INTERNSHIP II**

See VS31. G / 3 cr. hrs.

**VISUAL ARTS**

VA11 / ART110

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

VA12 / ART101

**ART APPRECIATION**

Introductory course designed to identify major visual art forms. Includes examination of selected masterpieces through use of films, slides and field trips; also, experience with simple methods and materials to illustrate basic concepts, gain insight into the creative process, and cultivate aesthetic values. No prerequisite. A-E-G / 3 cr. hrs.

VA17 / ART111

**ART HISTORY I**

Introductory survey of principal movements and trends in painting, sculpture and architecture from pre-historic to Renaissance. No prerequisite. A-E-G / 3 cr. hrs.

VA18 / ART112

**ART HISTORY II**

Introductory survey of principal movements and trends in painting, sculpture and architecture from Renaissance to 20th century. (May be taken out of sequence.) No prerequisite. A-E-G / 3 cr. hrs.

VA19 / ART113

**MODERN ART**

Study of history of painting, sculpture and architecture from 1850 to the present. Emphasis primarily art of the 20th century. Lectures supplemented with slides, film and museum and gallery trips. No prerequisite. A-E-G / 3 cr. hrs.

VA24† / ART119

**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.) No prerequisite. E / 3 cr. hrs.

VA30† / ART130

**2D DESIGN**

Foundation course in two-dimensional design. Exploration of historical and contemporary concepts of space and pictorial composition. Studio problems employing elements of line, texture, shape, form and color. A basic course for painting, graphics, photography and commercial art. (4 studio hrs. each week.) No prerequisite. A-E-G / 3 cr. hrs.

† Course Fee

**VA33‡ / ART133**  
**DRAWING I**

Introduction to fundamentals of drawing. Drawing of objects to develop student's understanding of proportion, value, perspective, form and shape. Develops accurate observation, understanding and memory of key forms, properties of illumination, and effective use of drawing materials. (1 hr. lecture, 4 studio hrs. each week.) No prerequisite.

A-E-G / 3 cr. hrs.

**VA34‡ / ART134**  
**DRAWING II**

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.

A-E-G / 3 cr. hrs.

**VA35-36‡ / ART135-136**  
**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.

A-E-G / 3 cr. hrs. each

**VA41-44A / ART151-154A****VA45-47G / ART155-157G****VA48-50E / ART158-160E****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.

A-E-G / 3 cr. hrs. each

**VA43 / ART151**  
**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.

A / 3 cr. hrs.

**VA55‡ / ART202**  
**PAINTING I**

Introduction to painting techniques in oil and other media. Explores perception of light, shadow and color and the rendering of these elements. (4 studio hrs. each week.) Prerequisite: VA33 or permission of instructor.

A-E-G / 3 cr. hrs.

**VA56, 57, 58‡ / ART203, 204, 205**  
**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.

A-E-G / 3 cr. hrs. each

**VA59‡ / ART209**  
**WATERCOLOR**

Instruction in various techniques of watercolor painting, with reference to European and American traditions. (4 studio hrs. each week.) Recommended prerequisite: VA33.

A-E-G / 3 cr. hrs.

**VA60‡ / ART210**  
**3D DESIGN**

Foundation course in three-dimensional design. Exploratory problems that help develop understanding of and sensitivity to use of three-dimensional design fundamentals. Analysis of concepts as a basis for sculpture, ceramics, architecture and industrial design. (1 hr. lecture, 4 studio hrs. each week.) No prerequisite.

A-E-G / 3 cr. hrs.

**VA61‡ / ART161**  
**CERAMICS I**

Introduction to processes and materials of ceramics through exploration of functional and non-functional forms in clay. Students investigate nature of clay by creating forms with several handbuilding methods such as coilbuilding, slabbuilding and pinch pots, as well as introduction to potter's wheel. Basic decorating, glazing and firing techniques explored. (4 studio hrs. each week.) No prerequisite.

A-G / 3 cr. hrs.

**VA62, 63, 64‡ / ART162, 163, 164**  
**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.

A / 3 cr. hrs. each

**VA65‡ / ART165**  
**WHEEL-THROWN CERAMICS**

Examines use of potter's wheel in ceramic arts. Teaches students fundamental skills necessary to create wheel-thrown objects in clay. Students explore pottery wheel's functions and care in order to utilize its many creative possibilities. Off-wheel techniques such as texture modalities, different glazing techniques and kiln firing skills also explored. (4 studio hrs. each week.) No prerequisite.

A-G / 3 cr. hrs.

**VA71‡ / ART171** **SCULPTURE I**

Introduction to fundamentals of sculpture emphasizing the figure. Various problems in form are explored. Emphasis on modeling techniques in clay and other materials. (4 studio hrs. each week.) No prerequisite.

A-G / 3 cr. hrs.

**VA72, 73, 74‡ / ART172, 173, 174**  
**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.

A-G / 3 cr. hrs. each

**VA80 / ART280****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. Registration in this course requires that students purchase liability insurance through the college. (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 Photographic Imaging majors: C+ or better grade in VA94 and (if taken) VA96, or permission of instructor. (*offered spring semester only*)

E-G / 3 cr. hrs.

**VA81† / ART181****PRINTMAKING I**

Basic printmaking techniques in a variety of graphic media. Introduction to intaglio processes such as etching, aquatint, dry point and wood cut. (4 studio hrs. each week.) No prerequisite. A / 3 cr. hrs.

**VA82† / ART182****PRINTMAKING II**

Continued investigation of materials and processes of intaglio such as engraving, softground, sugar lift and color printing. Refining of basic skills and exploration of the media. (4 studio hrs. each week.) Prerequisite: VA81. A / 3 cr. hrs.

**VA89 / ART289****PORTFOLIO DEVELOPMENT AND ASSESSMENT**

Capstone course in Visual Arts curriculum where students learn how to assemble their work into a professional portfolio. Covers preparation of slides, business and postcards, mounting and matting of artwork, and presentation techniques. Critiques are integral part of course. Culmination of course is presentation of student's portfolio to panel of professors from Visual Arts program. Course restricted to Visual Arts majors in fourth semester. Prerequisites: enrollment in Visual Arts curriculum and VA35 or permission of Academic Chair. A-E-G / 1 cr. hr.

**VA90 / ART114****HISTORY OF PHOTOGRAPHY**

Photography's contribution to the visual arts, focusing on individual photographers and development of particular styles. Relationship between photography and other fine art media considered, as well as effect of photographic imagery on our culture. (*offered spring semester only*) E-G / 3 cr. hrs.

**VA91† / ART141****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.

E-G / 3 cr. hrs.

**VA92† / ART142****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, toning, 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. E-G / 3 cr. hrs.

**VA93† / ART214****ALTERNATIVE PHOTOGRAPHIC PROCESSES**

Focuses on historical and nontraditional processes such as pinhole photography, handcoloring, cyanotype, van dyke brown printing, toning, Polaroid transfer, positive/negative printing, ortho film and liquid light. Students must supply their own film, paper and some other supplies. (1 hr. lecture, 4 hrs. studio per week.) Prerequisite: VA91 or permission of instructor. E-G / 3 cr. hrs.

**VA94† / ART213****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.

E-G / 3 cr. hrs.

**VA95‡ / ART215****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. E-G / 3 cr. hrs.

**VA96‡ / ART224****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. E-G / 3 cr. hrs.

**VA97‡ / ART225****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.) Prerequisite: VA94 or VA96 or permission of instructor. E-G / 3 cr. hrs.

**VA98‡ / ART270****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. E-G / 1-3 cr. hrs.

**VA99‡ / ART299****PHOTOGRAPHY PORTFOLIO DEVELOPMENT AND ASSESSMENT**

Capstone course for Photographic Imaging majors; must be taken in last semester before graduation. Students assemble their work into a professional portfolio. Mounting, matting and presentational techniques are covered. Critiques are integral part of the course. Prerequisite: VA94 or permission of instructor. (offered spring semester only)

E-G / 1 cr. hr.

**WOMEN'S STUDIES**

Note: Curriculum outline may be found on page 158 under LIBERAL ARTS AND SCIENCES: WOMEN'S STUDIES EMPHASIS—A.A. DEGREE.

**WS12 / WST112****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. A-E / 1.5 cr. hrs.

**HM46 / HUM116****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. A-E-G / 3 cr. hrs.

**HM48, 49 / HUM148, 149****WOMEN AND THE ARTS**

Interdisciplinary rotating course, its content varying from semester to semester. A / 3 cr. hrs. each

**HM52 / HUM122****GENDER AND THE LAW**

Examines place and image of women within American legal system. Investigates religious influences and philosophical origins of gender differences in the law, with emphasis on issues such as hate crimes, child custody and divorce. No prerequisite.

A / 3 cr. hrs.

**HM60 / HUM130**

**CAREER INTERNSHIPS: EQUITY,  
CHOICES AND PROFESSIONALISM  
IN THE WORKPLACE**

Offers broad spectrum of work opportunities in private sector as well as governmental agencies, under supervision of sponsors selected for their capacity to serve as exemplary gender role models. In addition to six hours per week of field work, students attend weekly seminar. In this way, they learn to integrate theory and practice and recognize their own potential for change. They examine legal, public and private forces operating in the professions, such as affirmative action, tokenism and harassment. In the process, students develop organizational skills, ability to analyze social structure of the workplace and, above all, to think creatively about their ultimate career goals. Open to women and men who have commitment to equity in workplace. Prerequisites: HM46 and EG11 or permission of instructor. Recommended: minimum of 12 credit hours. A / 3 cr. hrs.

**HS38 / HIS105**

**WOMEN'S ROLE IN AMERICAN HISTORY**

Analysis of 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. A / 3 cr. hrs.

**PL32 / PHL113**

**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. A / 3 cr. hrs.

**SO55 / SOC220**

**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. A / 3 cr. hrs.





## SCCC Alumna Profile

### Cynthia Scesny, Classes of 1975 and 1990 Paralegal

Cynthia comes from a family of attorneys. Her father practiced, as do her brother and sister, but as a young adult she wanted nothing to do with the law. Then she experienced a house fire and all the difficult legalities it involved. At her mother's urging, she enrolled at SCCC in Paralegal Studies and got hooked on the family business.

That was the second time Cynthia chose SCCC. She had enrolled in the Liberal Arts program shortly after high school and graduated in 1975 with honors. At the time of the fire in 1988, she was a single mother who earned a living by cleaning houses and delivering firewood. She had worked in the Suffolk County Clerk's Office previously and was again ready for professional employment. So following her mother's advice, she went to the Ammerman Campus

and enrolled in Paralegal Studies "on the spot."

"Coming into the field of paralegal as an adult took over my life," says Cynthia. "I loved the classes, the teachers, the campus, and the whole experience. Suffolk prepared me completely to make the jump into work without question." In 1990 Cynthia again graduated with distinction from SCCC, this time with a Paralegal Studies Certificate and as a member of Pi Alpha Sigma.

Cynthia immediately found employment in the law office of Spota, O'Rourke and Ammerman as the paralegal office administrator. Soon after, she decided to continue her education at New York Institute of Technology at night and graduated *summa cum laude* in 1992 with a bachelor's degree in Interdisciplinary Studies.

In 2002 Cynthia became the confidential assistant and legislative liaison to Suffolk County District Attorney Thomas J. Spota. Her duties in this office of almost 500 people are demanding and diverse: scheduling, budgeting, confidential casework and communications, and media relations, among others.

Cynthia serves on SCCC's Paralegal Advisory Board Curriculum Committee and on the Accreditation Review Committee for the American Bar Association. She also returns to campus to speak to students in the Paralegal Club. "The college has a way of fostering in its students the value of giving back to the community," she says.



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# SUFFOLK COMMUNITY COLLEGE FOUNDATION, INC.

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 foundation resources.

The Foundation is governed by a Board of Directors representing many diverse constituencies. Men and women from the professions, business, industry, civic and social organizations, and college alumni serve without compensation 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's student body, alumni, faculty, college 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, Suffolk County Community College employees on long term disability, spouses of deceased Suffolk County Community College employees, and former employees at the discretion of the RASCC board.

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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 materials that were donated to the college and to assist in efforts to teach tolerance and human understanding.

CHDHU's mission is to develop a comprehensive and permanent historical exhibit and research center to teach students and residents, young and old, how to avoid the mistakes of the past and enhance the community's capacity to embrace diversity and become a bias-free society. The permanent exhibit, which is currently located on the second floor of the Huntington Library on the Ammerman Campus, chronicles discrimination, prejudice and its hateful consequences, beginning with a focus on the rise of anti-Semitism and the events leading to and beyond the Holocaust. Eventually the collection will be broadened to include material related to the Civil Rights Movement, Apartheid, the Armenian/Bosnian/Rwandan/Kurdish Genocides, and the China and Soviet Union political purges.

CHDHU is governed by a Board of Directors representing both the college and the community.



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B.S, City University of New York: City College of New York; M.A., Columbia University

ANTHONY R. ZAJAC, Assistant Professor of Physical Education

B.S., State University of New York College at Cortland; M.S., City University of New York: Queens College

YINGFAN ZHANG, Associate Professor of Communications

B.A., M.A., Peking University; M.A., Bloomsburg University; Ph.D., Rensselaer Polytechnic Institute

MATTHEW B. ZUKOSKY, Instructor of Health Careers; Coordinator of Emergency Medical Care

B.A., State University of New York College at Plattsburgh; M.A., State University of New York at Stony Brook

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## Professors Emeriti

Peter Arcario, Humanities

Maryanne Barry, English

James Brennan, Health Careers

Tak Tow Chen, Economics

Vincent Clemente, English

John E. Coen, Jr., Business Administration

Paul M. Cooke, Mathematics

George Cosgrove, Mechanical Technology

R. David Cox, English

Aurelea Curtis, Math

Martin Decatur, Business Administration

John DeFina, Financial Affairs

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

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

William C. Hudson, Mathematics

Marcia Jefferson, Library Science

Leonard Johnson, Director of Library

Richard Johnson, Theatre

Frances M. Kelly, Library Service

Dorothy Kinder, Accounting

Corita Kong, History

Jeffrey Koodin, Physical Education

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

Adele D. Mitchell, Nursing

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

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  
James E. Walker, Jr., Health Careers

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## Recipients of State University of New York Chancellor's Awards for Excellence

Anna Aliotta-Flack, Professional Service, 2004  
Michele Aquino, Teaching, 1998  
Robert L. Arrigon, Teaching, 1975 (retired)  
Linda E. Barber, Teaching, 1996  
Maryanne T. Barry, Teaching, 1997 (retired)  
Lloyd G. Becker, Teaching, 1973  
Kathryn Benjamin, Teaching, 1995  
Robert Beodeker, Professional Service, 2001  
John Bockino, Teaching, 2003  
Mary Ann Borrello, Teaching, 1975  
Diane Bosco, Teaching, 2001  
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)  
Maureen A. Clinton, Teaching, 2001  
Albin J. Cofone, Professional Service, 1983  
Donald R. Coscia, Teaching, 1976  
Mary Crosley, Teaching, 1996  
Betty Deroski, Teaching, 1996 (retired)  
Celeste DeSario, Teaching, 1996  
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)  
Carole Gambrell, Librarianship, 1997  
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  
Cheryl Ann Gillespie, Teaching, 1997  
Donald M. Gilzinger, Jr., Teaching, 2004  
Caroline A. Gould, Teaching, 1995  
Russell Gusack, Teaching, 1995  
Charles S. Grippi, Teaching, 1975 (retired)  
Peter Herron, Teaching, 1975 (retired)  
George J. Hiltner III, 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  
John William Kulkosky, Teaching, 2004  
France F. LaFauci, Teaching, 2000  
Marilyn J. Levine, Teaching, 1998 (retired)  
Carmie Ann Perrotta Lewis, Teaching, 1996 (retired)  
Samuel Ligon, Teaching, 2003  
Carol Longo, Librarianship, 1997 (retired)  
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)  
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  
Naomi D. Phelps, Professional Service, 2003  
Elaine P. Preston, Teaching, 1979  
Dennis Reissig, Professional Service, 2004  
Raymond Rienecker, Professional Service, 1978 (retired)  
Barbara D. Ripel, Teaching, 1998  
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  
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  
Jian Zhang, Professional Service, 2002

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## Adjunct Faculty and Instructional Staff

(Spring 2000 – Fall 2003)

### A

Joseph Abelson, Adjunct Instructor, Mathematics  
Douglas Abrams, Adjunct Instructor, Humanities/  
Philosophy  
Les Abrams, Adjunct Associate Professor, Sociology  
Jamie Abruzzese, Adjunct Professional Assistant 1,  
Student Affairs  
Michael Acampora, Adjunct Assistant Professor,  
Accounting  
Robin Acerra, Adjunct Assistant Professor, Biology  
Thomas Acevedo, Adjunct Professional Assistant 1,  
Visual Arts  
Ronald Acierno, Adjunct Professor, Psychology/  
Counseling  
Koffi Adahe, Adjunct Professional Assistant 1,  
Computer Science/Information Technology  
Neera J. Addagada, Adjunct Professional Assistant  
1, Mathematics  
John J. Agria, Adjunct Associate Professor, Political  
Science  
Susan A. Aiello, Adjunct Instructor, Reading  
Susan L. Aiello, Adjunct Instructor, English as a Second  
Language  
Joann Aimbinder, Instructor, Orientation Seminar  
Anna Aiuto, Adjunct Professional Assistant 1,  
Academic Computing Lab  
Linda J. Aiuto, Adjunct Assistant Professor, English  
as a Second Language; Adjunct Professional  
Assistant, Reading  
Olaolu Akande, Adjunct Instructor, Communi-  
cations  
Shamsul Alam, Adjunct Instructor, Mathematics  
Jennifer Albanese, Adjunct Instructor, English  
Erick Alburez, Instructor, English as a Second  
Language  
Walter Alesse, Adjunct Assistant Professor, Music  
Fanny Alfonso-Ramos, Adjunct Professional Assistant  
1, Foreign Language  
James Allan, Adjunct Associate Professor,  
Mathematics  
Christine Allen, Adjunct Instructor, English as a  
Second Language  
Ellen S. Allen, Adjunct Assistant Professor, English  
Carl Allocca, Adjunct Assistant Professor,  
Accounting  
John Allsopp, Adjunct Associate Professor  
– Mathematics  
Joseph V. Alongi, Adjunct Assistant Professor,  
Mathematics  
Gloria Altenhofen, Adjunct Instructor, Foreign  
Language  
Joy C. Alter, Adjunct Assistant Professor, Library  
Services  
Diane Alther, Adjunct Instructor, Psychology  
Joan Altieri, Adjunct Professional Assistant 2, Foreign  
Language/Academic Skills Center  
Alan Altman, Adjunct Instructor, Criminal Justice  
Ira Altman, Adjunct Professor, Philosophy  
Mary Altuna, Adjunct Associate Professor, American  
Sign Language  
Richard A. Alvanos, Adjunct Professional Assistant 1,  
Academic Computing Lab  
Christine Amato, Adjunct Professional Assistant 1,  
Visual Arts  
James J. Ambrosino, Adjunct Instructor, Political  
Science/Orientation Seminar

Khaled Amleh, Adjunct Assistant Professor,  
Mathematics  
Kathleen C. Ammerman, Adjunct Instructor, Reading/  
Orientation Seminar  
Charles Anderson, Adjunct Professor, English  
Deborah Anderson, Adjunct Instructor, Psychology  
Grace Andresini, Adjunct Instructor, Early Childhood  
Education  
Peter V. Antonelli, Adjunct Associate Professor,  
Philosophy/Humanities  
Robert S. Anzalone, Adjunct Associate Professor,  
Political Science/History  
Raymond J. Archer, Adjunct Assistant Professor,  
Therapeutic Recreation/Orientation Seminar  
Daniel Arcieri, Adjunct Instructor, Biology  
Carlo G. Arinoldo, Adjunct Associate Professor,  
Psychology  
Ronald Armanini, Adjunct Assistant Professor,  
Music  
Anthony F. Arno, Adjunct Instructor, Drafting  
Craig E. Arnold, Adjunct Professional Assistant 2,  
Biology/Chemistry  
Robert Arrigon, Adjunct Professor, Philosophy  
Theresa Arrigon, Adjunct Assistant Professor,  
English  
Ellen P. Arzt, Adjunct Instructor, Reading  
Philip Asaph, Adjunct Instructor, English  
Jeffrey Atlas, Adjunct Assistant Professor, Physical  
Education/Health and Human Services  
Christopher J. Atwood, Adjunct Assistant Professor,  
Electrical Technology  
Ilene Augenlicht, Adjunct Assistant Professor,  
Psychology/Sociology  
Susan Averso, Adjunct Instructor, Nursing  
Michael Axelrod, Adjunct Instructor, Horticulture  
Ihsan A. Aziz, Adjunct Instructor, Orientation  
Seminar

### B

Jacqueline Babb, Adjunct Associate Professor, Medical  
Assisting  
Alfred Bachner, Adjunct Associate Professor,  
Construction Technology  
Theodore Bader, Adjunct Assistant Professor,  
Reading  
Walter Baecker, Adjunct Instructor, Chemical  
Dependency  
Ella Bailley, Adjunct Assistant Professor, Foreign  
Language  
Jan Bain, Adjunct Instructor, Communications  
Denise Baldini, Adjunct Professional Assistant 1,  
Foreign Language/English as a Second  
Language  
Elizabeth Baldwin, Adjunct Professional Assistant 2,  
Academic Computing Lab  
James Baldwin, Adjunct Associate Professor,  
Mathematics  
Sara Bannon, Adjunct Assistant Professor,  
Mathematics/Orientation Seminar  
Marylin Baracks, Adjunct Assistant Professor,  
Reading/Orientation Seminar  
Linda Barahal, Adjunct Assistant Professor,  
Mathematics  
Michael Baran, Adjunct Assistant Professor, Computer  
Science/Student Affairs  
Judy Baransky, Adjunct Professional Assistant 1,  
Administration  
Maria Baratelli, Adjunct Assistant Professor,  
Mathematics

- Connie Baratta, Adjunct Professional Assistant 2, Biology
- Mary Barbato, Adjunct Instructor, English
- Allyson Barber, Adjunct Instructor, English as a Second Language
- Robin Barber, Adjunct Professional Assistant 1, Desktop Services
- Jocelyn C. Bard, Adjunct Instructor, Student Affairs
- Angela Bari, Adjunct Instructor, Computer Science/Information Technology
- Nancy Barker, Adjunct Instructor, Sociology
- Emily Barnett, Adjunct Assistant Professor, Visual Arts
- Russell K. Barnett, Adjunct Instructor, Geography
- Marie C. Barnouw, Adjunct Professional Assistant 2, Biology
- John J. Barrett, Adjunct Assistant Professor, Philosophy/Humanities/Orientation Seminar
- Heather Barry, Adjunct Instructor, History
- Charles J. Barta, Adjunct Professor, Accounting/Business Administration
- David Baruch, Adjunct Professor, Library Services
- Ronald S. Baslaw, Adjunct Instructor, Mathematics
- Giuseppe Battista, Adjunct Professor Foreign Language
- Richard Bauman, Adjunct Instructor, Ophthalmic Dispensing
- Heinrich H. Beck, Jr., Adjunct Instructor, English as a Second Language
- Kim T. Beck, Adjunct Instructor, Foreign Language
- Tracy Beck, Adjunct Instructor, Earth and Space Science
- Kathy Bedka-Strain, Adjunct Instructor, American Sign Language
- Malgorzat Bednarski, Adjunct Professional Assistant 1, Foreign Language
- Arend H. Behrens, Adjunct Assistant Professor, Earth and Space Science/Orientation Seminar
- Elizabeth A. Behrens, Adjunct Assistant Professor, Library Services
- Michael Belajonas, Adjunct Assistant Professor, Music
- Janice Bellezza, Adjunct Instructor, Occupational Therapy
- Peter S. Belli, Adjunct Assistant Professor, Psychology
- Joseph A. Bellofatto, Adjunct Professional Assistant 1, Mathematics
- Alexandra Beltran, Adjunct Professional Assistant 1, Computer Science/Information Technology/English as a Second Language
- Roger L. Belz, Adjunct Professor, Business Administration
- Andrea Ben-Aviv, Adjunct Assistant Professor, Mathematics
- Maryann Bencivenga, Adjunct Associate Professor, English/Humanities/Interdisciplinary Studies
- Elaine Bender, Adjunct Assistant Professor, Nursing
- Regina A. Benincasa, Adjunct Professional Assistant 2, Biology
- Patricia Benolich, Adjunct Instructor, English
- Roger S. Bense, Adjunct Professional Assistant 1, Biology
- Maida Berenblatt, Adjunct Assistant Professor, Psychology/Health and Human Services
- Stephen Berg, Adjunct Associate Professor, Psychology/Orientation Seminar
- Howard S. Berger, Adjunct Professional Assistant 1, Radio/Television/Film
- Carol Bergeron, Adjunct Instructor, Nursing
- Lisa Bergman, Adjunct Instructor, Counseling
- Christina Bergmann, Adjunct Instructor, Health and Human Services
- Peter P. Bergmann, Adjunct Instructor, Health and Human Services
- Catherine Berkhan, Adjunct Professional Assistant 1, Horticulture
- Erasto Bernard, Adjunct Instructor, Computer Science/Information Technology
- Maryann Bernero, Adjunct Instructor, Biology/Horticulture
- William Bernhard, Adjunct Instructor, Mathematics
- Jessica T. Bernius, Adjunct Assistant Professor, Physical Education/Health and Human Services
- Tinamarie Bernocco, Adjunct Instructor, Early Childhood Education
- Patricia Bernstein, Adjunct Instructor, Nursing
- Stuart Bernstein, Adjunct Instructor, History
- John Best, Adjunct Professional Assistant 1, English
- Peter Beyer, Adjunct Associate Professor, English
- Vatsala Bhaskaran-Hogan, Adjunct Instructor, English as a Second Language
- Renee Ron Bhatti, Adjunct Instructor, English
- Raymond Bigliani, Adjunct Professor, Earth and Space Science
- Salih Bilgili, Adjunct Professional Assistant 1, Foreign Language/English as a Second Language
- Russell Bird, Adjunct Assistant Professor, Biology/Horticulture
- Kim Birnbaum, Adjunct Assistant Professor, Early Childhood Education
- Dawn Birtch, Adjunct Professional Assistant 1, Biology
- Richard W. Biscardi, Adjunct Associate Professor, Electrical Technology
- Julie Black, Adjunct Instructor, Communications
- Benjamin Blair, Adjunct Instructor, Orientation Seminar
- Patricia M. Blake, Adjunct Associate Professor, Business: Law
- Frank D. Blanchard, Adjunct Instructor, Visual Art
- Irene Blaymore, Adjunct Instructor, Physical Education
- Mindy Block, Adjunct Professional Assistant 1, Biology
- John Blom, Adjunct Instructor, Mathematics
- Matthew Bloom, Adjunct Assistant Professor, English
- Anthony A. Boccaccio, Adjunct Assistant Professor, Business Administration/Orientation Seminar
- Louis Boccio, Jr., Adjunct Assistant Professor, Communications/Radio/TV/Film
- Rayma Boccio, Adjunct Instructor, Reading
- Ralph A. Bockino, Adjunct Associate Professor, Business Administration/Economics
- Michael Boecherer, Adjunct Instructor, English
- Annette Bogin, Adjunct Assistant Professor, Reading/Orientation Seminar
- Kevin Bolier, Adjunct Instructor, Orientation Seminar
- Ruth Bomgardner, Adjunct Assistant Professor, Nursing
- Justine Bonanno, Adjunct Professional Assistant 1, Mathematics
- Cathy Bondi, Adjunct Professional Assistant 1, Foreign Language

Mary Boochever, Adjunct Instructor, Visual Arts  
Stephanie Boondas-Flagg, Adjunct Instructor, Counseling  
Sarah Boone, Adjunct Instructor, Philosophy  
Laura Borghardt, Adjunct Professional Assistant 1, Biology  
Joy G. Borrero, Adjunct Assistant Professor, Nursing  
Ralph Borzello, Adjunct Instructor, Student Affairs  
Christina Bosco, Adjunct Professional Assistant 1, Writing Center  
Nicholas Bosco, Adjunct Instructor, Business  
David Bouchier, Adjunct Associate Professor, Sociology  
Torhild Boughal, Adjunct Assistant Professor, Mathematics  
Sabra B. Boughton, Adjunct Professor, Nursing  
Socrates Boussios, Adjunct Instructor, Mathematics  
Connell Boyle, Adjunct Professor, Mathematics  
Eileen Boylston, Adjunct Professional Assistant 2, Biology  
John E. Boynton, Adjunct Associate Professor, Biology  
Kevin Bozza, Adjunct Instructor, Health Information  
Patricia Bozza, Adjunct Instructor, Physical Education  
Eugene Bozzo, Adjunct Instructor, Business  
Craig W. Brand, Adjunct Professional Assistant 1, Biology  
Vincent Branker, Adjunct Professional Assistant 1, Biology  
Gail Braverman, Adjunct Associate Professor, English  
Brandon Bravo, Adjunct Professional Assistant 1, Academic Computing Lab  
Susana Bravo, Adjunct Professional Assistant 1, Foreign Language  
April A. Brazill, Adjunct Professional Assistant 2, Biology/Academic Computing Lab; Adjunct Instructor, Library Science  
John M. Bredemeyer, III, Adjunct Professional Assistant 2, Chemistry/Marine Science  
Annemarie Brennan, Adjunct Professional Assistant 1, Reading  
Christopher P. Brennan, Adjunct Instructor, Fire Protection Technology  
James Brennan, Adjunct Professor, Counseling  
Lois E. Bressler, Adjunct Professional Assistant 2, Reading  
Douglas Brett, Adjunct Instructor, Music  
Laurel Brett, Adjunct Assistant Professor, English/Humanities/Women's Studies  
Judith B. Breuer-Werner, Adjunct Assistant Professor, Nursing /Orientation Seminar  
Rufus Brey, Adjunct Instructor, Chemistry  
Orman G. Broadway, Adjunct Instructor, English as a Second Language  
Evelyn Brodbeck, Adjunct Professor, Mathematics  
Linda Brody, Adjunct Professor, Mathematics  
Michael J. Brody, Adjunct Instructor, Accounting  
Allison Brown, Adjunct Instructor, English as a Second Language  
Diana H. Brown, Adjunct Associate Professor, Nursing  
Jeffrey E. Brown, Adjunct Professional Assistant 1, Mathematics  
Natalie Brown, Adjunct Professor, Psychology  
William Brown, Adjunct Instructor, Humanities  
Constance Brown-Riggs, Adjunct Assistant Professor, Dietetic Technician  
Josie Brown-Rose, Adjunct Instructor, English  
Bernard Bruen, Adjunct Assistant Professor, Mathematics  
Hannes Brunbauer, Adjunct Associate Professor, Student Affairs  
Lewis A. Brunner, Adjunct Assistant Professor, English/Humanities  
Melissa Buchberger, Adjunct Instructor, English as a Second Language  
James Buchwalter, Adjunct Instructor, Philosophy  
Holly L. Buckland, Adjunct Professional Assistant 2, Dietetic Technician  
Brian K. Bugge, Adjunct Associate Professor, Criminal Justice  
Elida Buitron, Adjunct Instructor, English as a Second Language  
Daniel Bullock, Adjunct Professional Assistant 2, Biology/Chemistry  
Kimberly Bunchuck, Adjunct Professional Assistant 2, Academic Computing Lab  
Louis Buonaguro, Adjunct Assistant Professor, Business Administration  
Lois P. Burgner, Adjunct Assistant Professor, Sociology/Anthropology/Orientation –Seminar  
Mary Jane Burner, Adjunct Instructor, English  
Carol Burns, Adjunct Instructor, Physical Education  
Nelly Burns, Adjunct Instructor, English as a Second Language  
Catherine Burton, Adjunct Instructor, English as a Second Language  
Alice Butkos, Adjunct Instructor, Nursing  
Craig Butler, Adjunct Instructor, Information Technology  
Elizabeth B. Buzash-Pollert, Adjunct Instructor, Biology  
Sari Byrd, Adjunct Professor, Anthropology/Sociology/Psychology  
Barbara Byrne, Adjunct Assistant Professor, Earth/Space Science/Orientation Seminar  
Robert Byrnes, Adjunct Professor, Economics/Business Administration  
C  
Debra J. Cabot, Adjunct Instructor, Nursing  
Yolanda Cabra-Jaramillo, Adjunct Professional Assistant 2, Administration  
Scott Cacciabaudo, Adjunct Associate Professor, Business: Law  
John Cadden, Adjunct Instructor, English  
Lisa Cadena, Adjunct Professional Assistant 1, Biology  
Deborah Cafiso, Adjunct Professional Assistant 1, Computer Science/Information Technology  
Jeannette Caggiano, Adjunct Assistant Professor, Business Administration /Office Technologies  
Dennis J. Caine, Adjunct Instructor, Criminal Justice  
Monique Calabro, Adjunct Professional Assistant 2, Biology; Adjunct Instructor, Orientation Seminar  
Terrence Caldwell, Adjunct Assistant Professor, Counseling/Orientation Seminar  
Maryellen R. Calitri, Adjunct Assistant Professor, Biology  
James E. Calkins, Adjunct Instructor, Biology  
Cindy Callahan, Adjunct Professional Assistant 1, Biology

- Gerald Callahan, Adjunct Assistant Professor, History/  
Political Science
- Rosanne Callas, Adjunct Instructor, Mathematics
- Thomas J. Calogero, Adjunct Assistant Professor,  
English
- Ryan Calvey, Adjunct Professional Assistant 1, Writing  
Center
- Ritchie L. Calvin, Adjunct Associate Professor, English/  
Humanities
- Roger Cameron, Adjunct Instructor, Biology
- Barbara S. Camilleri, Adjunct Instructor, Orientation  
Seminar
- Angela Cammarata, Adjunct Assistant Professor,  
Community Service Assistant/Orientation  
Seminar
- James Cammarata, Adjunct Instructor, Drafting
- Michelle Camp, Adjunct Professional Assistant 1,  
Horticulture
- Andrea Campau, Adjunct Professional Assistant 1,  
Mathematics
- Ingrid Campbell, Adjunct Instructor, Chemical  
Dependency
- Fernando Campo, Adjunct Associate Professor,  
History/Interdisciplinary Studies
- Eugene W. Cann, Adjunct Assistant Professor,  
Accounting
- Sean Canning, Adjunct Instructor, Economics/Business  
Administration
- Anthony Cantiello, Adjunct Instructor, Sociology
- John J. Capela, Adjunct Assistant Professor, Business  
Administration
- Christine Cappuzzo, Adjunct Instructor, Student  
Affairs
- Joseph Caracci, Adjunct Assistant Professor, Criminal  
Justice
- Diana Caracciolo, Adjunct Assistant Professor, Student  
Affairs
- Mary Ann Carcich, Adjunct Instructor, Library  
Services
- Philip Cardinale, Adjunct Associate Professor,  
Business: Law
- June Cardenas, Adjunct Instructor, English as a Second  
Language
- Prudencio Cardines, Jr., Adjunct Professional Assistant  
2, Biology
- Denise Cardona, Adjunct Professional Assistant 1,  
Academic Computing Lab
- Andrea Carew, Adjunct Associate Professor,  
Counseling
- Thomas Carey, Adjunct Instructor, English
- Carl Carilli, Adjunct Instructor, Interior Design
- Barbara J. Carlstrom, Adjunct Instructor, Nursing
- Carmine Carnevale, Adjunct Assistant Professor,  
Business Administration
- Matthew Carolan, Adjunct Assistant Professor,  
Humanities/Philosophy
- Thomas Carrano, Adjunct Assistant Professor,  
Biology
- Raphaella Carravetta, Adjunct Instructor, English as  
a Second Language
- Patricia E. Carson, Adjunct Assistant Professor,  
Sociology
- Susan E. Carter, Adjunct Professor, Visual Arts
- Patricia Carter-Black, Adjunct Instructor, Reading/  
Orientation Seminar
- Patricia Jo Casella, Adjunct Instructor, English as a  
Second Language
- Nicole M. Cashton, Adjunct Professional Assistant  
1, Theatre
- Arlene Cassidy, Adjunct Associate Professor,  
Economics/Mathematics
- James A. Cassidy, Adjunct Assistant Professor, Visual  
Arts
- James J. Cassidy, Adjunct Instructor, Library  
Services
- Meryl T. Cassidy, Adjunct Instructor, Community  
Service Assistant
- James Castiglione, Adjunct Instructor, Library  
Services
- Charles J. Catalano, Adjunct Assistant Professor,  
Library Services
- James Caufield, Adjunct Assistant Professor,  
Philosophy
- Robert Cellura, Adjunct Professional Assistant 1,  
Biology
- Lucia Cepriano, Adjunct Instructor, Biology
- Joseph L. Cerbone, Adjunct Instructor, Horticulture
- Christopher Ceresko, Adjunct Instructor, Drafting
- Lisa Cervera, Adjunct Instructor, English as a Second  
Language
- Annemarie Cervo, Adjunct Assistant Professor,  
Nursing
- Patricia Cesario, Adjunct Instructor, Foreign  
Language
- Joanne Cesiro, Adjunct Instructor, Physical  
Education
- Esther Chacon-Stone, Adjunct Instructor, English as  
a Second Language
- Susan A. Chambers, Adjunct Instructor, Earth and  
Space Science
- Dorothy Chanin, Adjunct Professional Assistant,  
Biology
- Donald R. Chattaway, Adjunct Professor,  
Mathematics
- Michele Chaussabel, Adjunct Professional Assistant  
1, Administration
- Chang Chen, Adjunct Assistant Professor, Library  
Services
- Samantha Cherry, Adjunct Specialist, Nursing
- George P. Chimenti, Adjunct Assistant Professor,  
Criminal Justice/Sociology/Orientation  
Seminar
- Frances Chirch, Adjunct Instructor, Spanish
- Phillip Chirch, Adjunct Professor, Communications
- Frank Chirico, Adjunct Instructor, English as a Second  
Language
- Frank Chisena, Adjunct Professional Assistant  
1, Physics/Computer Science/Instructional  
Technology
- Gail I. Cholden, Adjunct Assistant Professor,  
Reading
- Yu Son Chong, Adjunct Professional Assistant 1,  
Biology
- Steven Chovnick, Adjunct Assistant Professor,  
Sociology
- Milton Chung, Adjunct Instructor, Spanish/Orientation  
Seminar
- Donna Ciampa, Adjunct Instructor, English
- Aimee Cianciulli, Adjunct Professional Assistant 1,  
Reading
- Amy Cianciulli, Adjunct Professional Assistant 1,  
Reading
- Gregory Cianflone, Adjunct Assistant Professor,  
Mathematics

Dominic J. Ciardullo, Adjunct Assistant Professor, Electrical Technology  
Linda Cimino, Adjunct Instructor, Nursing  
Carol A. Cinelli, Adjunct Assistant Professor, Physical Education  
John Cino, Adjunct Instructor, Mathematics  
Dori Cinque, Adjunct Instructor, Dietetic Technician/Physical Fitness  
Diane Cirino, Adjunct Instructor, English as a Second Language  
Dorothy Clair, Adjunct Professional Assistant 1, Horticulture  
Brett Clarin, Adjunct Professional Assistant 1, Mathematics  
Philip W. Clark, Adjunct Instructor, Student Affairs  
Scott Clark, Adjunct Assistant Professor, Horticulture  
Tracy Cleary, Adjunct Instructor, Counseling  
Kathleen Clifford, Adjunct Instructor, Nursing  
Christine Clifton, Adjunct Instructor, Library Services  
Russell L. Clinton, Adjunct Instructor, Orientation Seminar  
Jane Coby, Adjunct Instructor, English as a Second Language  
Cheryl Coffey, Adjunct Professor, Reading/Humanities/Orientation Seminar  
Robert Coffey, Adjunct Assistant Professor, Computer Science/Information Technology  
Stephen Cogan, Adjunct Instructor, Automotive Technology  
Robert Cognato, Adjunct Instructor, Library Services  
Mary Jo Cohan, Adjunct Instructor, Library Services  
Arlene D. Cohen, Adjunct Instructor, History  
Harold Cohen, Adjunct Associate Professor, Communications/Theatre  
Jeffrey A. Cohen, Adjunct Assistant Professor, Communications  
Lynn Cohen, Adjunct Associate Professor, English  
Murray Cohen, Adjunct Instructor, English as a Second Language  
Richard A. Cohen, Adjunct Associate Professor, Physical Education  
Stuart Cohen, Adjunct Instructor, Health and Human Services  
Gursel Colak, Adjunct Professional Assistant 1, Visual Arts  
Susan Colak, Adjunct Instructor, Visual Arts  
Donald A. Collins, Adjunct Instructor, History  
Michael Columbia, Adjunct Associate Professor, English  
Joseph Comness, Adjunct Professional Assistant, Radio and Television  
Jennifer A. Concepcion, Adjunct Instructor, Nursing  
Edward J. Condon, Adjunct Instructor, Foreign Language  
William E. Condon, Adjunct Assistant Professor, Office Technologies  
Michael Confusione, Adjunct Instructor, Psychology  
Stephen Conklin, Adjunct Professional Assistant 2, Academic Computing Lab  
William L. Conklin, Adjunct Professional Assistant 1, Writing Center/English  
Frances Conlon, Adjunct Assistant Professor, Mathematics  
Nancy M. Conlon, Adjunct Instructor, English  
Cathleen E. Conner, Adjunct Professional Assistant 2, Biology/Chemistry  
James Conners, Adjunct Instructor, Mathematics  
Alanna Connolly, Adjunct Professional Assistant 2, Mathematics  
Emily Connolly, Adjunct Assistant Professor, Mathematics  
Liane Connors, Adjunct Instructor, Early Childhood Education  
Peter Connors, Adjunct Associate Professor, Earth and Space Science  
Vincent Consorti, Adjunct Instructor, Business Administration  
Christine Contrada, Adjunct Instructor, History  
Joan M. Cook, Adjunct Professional Assistant 1, Theatre  
Samuel Cook, Adjunct Professional Assistant 1, Mathematics  
Paul Cooke, Adjunct Professor, Mathematics  
John P. Cooney, Adjunct Associate Professor, English/Orientation Seminar  
Philip L. Cooper, Adjunct Professor, Biology/Orientation Seminar  
Lisa Cordani-Stevenson, Adjunct Instructor, Anthropology  
Mary E. Cordeiro, Adjunct Instructor, English  
Margaret M. Corradi, Adjunct Professional Assistant 2, Adult Learner Programs  
Anthony Correale, Adjunct Instructor, Communications  
Jacquelin Corrigan, Adjunct Instructor, English  
Frank Coscia, Adjunct Professor, Mathematics  
Isabel Cosentino, Adjunct Instructor, Foreign Language  
Kristen Cosentino, Adjunct Instructor, Orientation Seminar  
Frances Costa, Adjunct Instructor, Biology  
Rose Costanzo, Adjunct Assistant Professor, American Sign Language  
Alan Costell, Adjunct Assistant Professor, Business: Law  
Brian Costello, Adjunct Professional Assistant 1, Theatre  
Nancy A. Cotlaux, Adjunct Professional Assistant 1, Nursing  
Angela Cotten, Adjunct Instructor, Philosophy/Interdisciplinary Studies  
Jeffrey Coven, Adjunct Professor, English  
Fred Coverdale, Adjunct Assistant Professor, History/Sociology  
Helene D. Coyle, Adjunct Professor, Nursing  
Judith Craddock, Adjunct Instructor, Foreign Language  
Susan Crane, Adjunct Instructor, English  
Mary Creagh, Adjunct Assistant Professor, Reading/Humanities/Orientation Seminar  
Linda M. Crecca, Adjunct Instructor, Foreign Language  
Robert J. Creighton, Adjunct Instructor, Criminal Justice  
Michael Cressy, Adjunct Professional Assistant 1, Academic Skills Center  
Vincent Crispino, Adjunct Assistant Professor, Criminal Justice  
Joseph A. Critelli, Adjunct Instructor, English  
Frank Croce, Adjunct Assistant Professor, Business Administration  
Robert Crocker Jr., Adjunct Instructor, Biology  
Donna Cubicciotti, Adjunct Professional Assistant 1, Occupational Therapy

Anthony J. Cuccaro, Adjunct Assistant Professor, Veterinary Science  
 Louis Cuccurese, Adjunct Instructor, Health and Human Services/Orientation Seminar  
 Laur Cudia, Adjunct Instructor, English as a Second Language  
 Diane Cuillo, Adjunct Professional Assistant 1, Occupational Therapy  
 George Cullen, Adjunct Professional Assistant 1, Horticulture  
 Salvatore Curiale, Adjunct Instructor, Business Administration  
 Thomas Curley, Adjunct Assistant Professor, Computer Science/Information Technology  
 Maureen Curtis, Adjunct Instructor, Business Administration  
 Amy Cusumano, Adjunct Instructor, Foreign Language  
 John D. Cuthbertson, Adjunct Assistant Professor, Health and Human Services

## D

Fern Daane, Adjunct Instructor, Office Technologies  
 Joseph D'Agostino, Adjunct Instructor, Mathematics  
 Charles D'Alessandro, Adjunct Associate Professor, Accounting  
 Laura D'Alessio, Adjunct Professional Assistant 1, Biology  
 Eileen Daley, Adjunct Instructor, Nursing  
 Frank Dallas, Adjunct Associate Professor, Music  
 Daniel J. Daly, Adjunct Instructor, English  
 Denise D'Ambrosio, Adjunct Assistant Professor, Nursing  
 Robert D'Ambrosio, Adjunct Assistant Professor, Mathematics  
 Manning H. Dandridge, Adjunct Assistant Professor, English  
 Diane D'Angelo, Adjunct Instructor, Foreign Language  
 Karen D'Angelo, Adjunct Instructor, Anthropology  
 Margaret R. Dankievitch, Adjunct Instructor, Mathematics  
 Gerard Danzi, Adjunct Professor, Counseling/Orientation Seminar  
 Richard Darmody, Adjunct Professor, Physical Education  
 Gloria DaSilva, Adjunct Instructor, English as a Second Language  
 Russell E. David, Adjunct Assistant Professor, Mathematics  
 Lee Davis, Adjunct Assistant Professor, English/Humanities  
 Robert Davis, Adjunct Instructor, Physical Education  
 Barbara Dean, Adjunct Instructor, English as a Second Language  
 Shima Debnath, Adjunct Professional Assistant 1, Computer Science/Information Technology  
 Leo Debobes, Adjunct Assistant Professor, Fire Protection Technology  
 Patricia A. Debobes, Adjunct Instructor, Nursing  
 Kimberly F. Decanio, Adjunct Professional Assistant 1, Occupational Therapy  
 Anthony DeCostanzo, Adjunct Instructor, Earth and Space Sciences  
 Andrew Deegan, Adjunct Professional Assistant 1, Mathematics  
 James P. Deegan, Adjunct Associate Professor, Health and Human Services

Nina Deegan, Adjunct Instructor, Counseling/Orientation Seminar  
 Tracy L. DeFio, Adjunct Professional Assistant 1, Biology/Chemistry  
 Michael DeGennaro, Adjunct Assistant Professor, Computer Science/Information Technology  
 Veronica L. DeKoning, Adjunct Assistant Professor, Health and Human Services  
 Robert P. DeLagi, Adjunct Assistant Professor, Health and Human Services  
 Jeanmarie Delanty, Adjunct Professional Assistant 2, Computer Science/Information Technology  
 Kirsten A. Delemarre, Adjunct Instructor, Health and Human Services/Orientation Seminar  
 Michelle Delevante, Adjunct Professional Assistant 2, Student Affairs  
 Edward M. Delia, Adjunct Professor, Sociology  
 James Delis, Adjunct Instructor, Electrical Technology  
 Jacqueline E. Dellacona, Adjunct Instructor, Physical Education  
 Alfred DellaPenna, Adjunct Associate Professor, Criminal Justice  
 Bertram W. Delmage, Adjunct Assistant Professor, Criminal Justice/Orientation Seminar  
 Edward F. Delorme, Adjunct Assistant Professor, English  
 Frank DeMaria, Adjunct Instructor, Biology  
 Keith Denton, Adjunct Instructor, Psychology  
 Carolann Denys, Adjunct Assistant Professor, Reading/Interdisciplinary Studies/Orientation Seminar  
 Harry A. Denys, Adjunct Instructor, Reading/Orientation Seminar  
 Diane DePaola, Adjunct Professional Assistant 1, Mathematics  
 Mary Dermbach, Adjunct Instructor, Counseling  
 Ciro Derosa, Adjunct Instructor, English as a Second Language  
 Betty Deroski, Adjunct Professor, Chemistry  
 Dana Deshler, Adjunct Professional Assistant 1, Reading  
 Alphonse Desiderio, Adjunct Professor, Business Administration  
 Michael Devine, Adjunct Instructor, Criminal Justice  
 Mary Jane DeVito, Adjunct Instructor, English  
 Barbara DeZorzi, Adjunct Instructor, History  
 Orsete J. Dias, Adjunct Instructor, Economics  
 Jose Diaz, Adjunct Professional Assistant 1, Science  
 Joan Dickey, Adjunct Instructor, Computer Science/Information Technology  
 Jill M. Dickson, Adjunct Instructor, Business Administration/Computer Science/Information Technology  
 Robert Dietz, Adjunct Instructor, English  
 Thomas Digilio, Adjunct Instructor, Psychology  
 Frank DiGregorio, Adjunct Instructor, History  
 Celia B. Dillenber, Adjunct Assistant Professor, English as a Second Language  
 Daniel DiMaria, Adjunct Professor, Mathematics  
 Rocco DiNapoli, Adjunct Professor, Mathematics  
 Charles J. Dipirro, Adjunct Professor, Foreign Language  
 Christopher Dippel, Adjunct Instructor, Theatre  
 Carol DiStiso, Adjunct Professional Assistant 2, Academic Computing Lab/Distance Education  
 Kathleen A. Dobies, Adjunct Instructor, Nursing

Edward Dobres, Adjunct Instructor, Foreign Language  
 Jerry Domatob, Adjunct Instructor, Communications  
 David Dombroff, Adjunct Instructor, Culinary Arts  
 Camille Dominici, Adjunct Professional Assistant 1, Dietetic Technician  
 Valerie Donaruma, Adjunct Instructor, Orientation Seminar  
 Jeffrey Donlon, Adjunct Instructor, Drafting/Construction Technology  
 Lillian Donnelly, Adjunct Professional Assistant 1, Nursing  
 Shiobhan Donohue, Adjunct Instructor, Visual Arts  
 Deborah Donovan, Adjunct Instructor, Sociology  
 Kerry Doran, Adjunct Instructor, History  
 Richard Dormer, Adjunct Instructor, Criminal Justice  
 Rugh S. Doroski, Adjunct Instructor, English as a Second Language  
 Joan Dorr, Adjunct Assistant Professor, Orientation Seminar/Adult Learning  
 Cheryl Dorskind, Adjunct Instructor, Visual Arts  
 George G. Dorsty, Adjunct Instructor, English  
 Argyrios Doumas, Adjunct Associate Professor, Mathematics/Physics  
 Argyro Dover, Adjunct Assistant Professor, Humanities  
 Robert W. Doyle, Adjunct Professor, Business: Law  
 Peter Drago, Adjunct Professor, Physics  
 Kenneth M. Drange, Adjunct Professor, Business Administration/Orientation Seminar  
 Thomas Drescher, Adjunct Professional Assistant 1, Mathematics  
 Lorraine Dreyer, Adjunct Assistant Professor, Reading/Orientation Seminar  
 Susan Dries, Adjunct Assistant Professor, Health and Human Services  
 Bernard Dubinsky, Adjunct Assistant Professor, Business Administration  
 Robert Dumas, Adjunct Instructor, Mathematics  
 William Duncan, Adjunct Instructor, Orientation Seminar  
 Andrea Dunkirk, Adjunct Instructor, Computer Science/Information Technology/Distance Education/Information Processing  
 Ann B. Durban, Adjunct Instructor, Health and Human Services/Nursing

**E**  
 John P. Ebeling, Adjunct Instructor, Computer Science/Information Technology  
 Jeannie Eberhardt, Adjunct Instructor, Biology  
 Emilie Eckert, Adjunct Educational Services Assistant, Academic Skills Center  
 Peter Eckstein, Adjunct Professor, Physics  
 Theresa Economou, Adjunct Instructor, Nursing  
 Patricia Eddington, Adjunct Associate Professor, Humanities  
 Frederick T. Edel, Adjunct Assistant Professor, Oceanography  
 Herbert Edelstein, Adjunct Instructor, Mathematics  
 Keynovar Edgecombe, Adjunct Professional Assistant 1, Computer Science/Information Technology  
 Christine Edwards, Adjunct Instructor, Health Information Technology  
 Sandra Edwards, Adjunct Instructor, Nursing  
 Davia Egoif, Adjunct Instructor, English as a Second Language

Jacqueline Eill, Adjunct Instructor, Health Information Technology  
 Maged El-Deiry, Adjunct Instructor, Visual Art  
 Rose Elefante-Link, Adjunct Assistant Professor, English  
 Robert L. Elgart, Professor, Biology  
 Maryanne Ellinger, Adjunct Instructor, Distance Education  
 Ray Ellis, Adjunct Instructor, Visual Arts  
 Woodrow Elmore, Adjunct Instructor, Mathematics  
 Janet Emproto, Adjunct Assistant Professor, Mathematics  
 Paula Eoanidis, Adjunct Instructor, English as a Second Language  
 Jeffrey Epstein, Adjunct Instructor, Visual Arts  
 Isabella Eredita, Adjunct Professional Assistant 1, Music  
 James Erickson, Adjunct Instructor, Music  
 Jeanne Erickson, Adjunct Professional Assistant 1, Administration  
 Susan Erickson, Adjunct Instructor, Communications  
 Doris E. Esposito, Adjunct Assistant Professor, Mathematics  
 Frances Esposito, Adjunct Instructor, Reading  
 Marjorie Ewald, Adjunct Professional Assistant 1, Mathematics

**F**  
 Frank J. Faber, Adjunct Assistant Professor, Accounting  
 Judith Faber, Adjunct Professional Assistant 1, Administration  
 Jonathan Fabricant, Adjunct Instructor, Visual Arts  
 Stuart Fader, Adjunct Professor, Psychology  
 Ed Fahey, Adjunct Professional Assistant 1, Business Administration  
 Renee Faibish, Adjunct Instructor, Mathematics  
 Eleanor L. Falco, Adjunct Instructor, Office Technologies/Orientation Seminar  
 Frank Fallace, Adjunct Instructor, Foreign Language  
 Jeremiah L. Fallon, Adjunct Assistant Professor, Foreign Language  
 Shin-Yi Fang, Adjunct Professional Assistant 1, Mathematics  
 Henry Farabow, Adjunct Instructor, Computer Science/Information Technology  
 Joseph Farneti, Adjunct Instructor, Business: Law  
 Thomas Farre, Adjunct Instructor, English  
 Imelda Farrell, Adjunct Instructor, English  
 Robert Farrell, Adjunct Professional Assistant 1, Philosophy  
 John Farrington, Adjunct Instructor, Biology  
 Sandra Farry, Adjunct Professional Assistant 2, Reading  
 Cynthia Fata-Micciche, Adjunct Instructor, Psychology  
 Alain Fedida, Adjunct Instructor, Health and Human Services  
 Robert Feeney, Adjunct Instructor, Political Science  
 Denise Fehr, Adjunct Professional Assistant 1, Computer Science/Information Technology  
 Judy Feigelson, Adjunct Professional Assistant 1, Reading  
 H. Alan Feit, Adjunct Professor, Visual Arts  
 Gail Feldman, Adjunct Instructor, Communications  
 Ronald A. Feldman, Adjunct Assistant Professor, English

- Minerva Feliciano, Adjunct Instructor, English as a Second Language  
 John W. Felix, Adjunct Associate Professor, English  
 Marc R. Fellenz, Adjunct Associate Professor, Philosophy  
 Albert Fenoy, Adjunct Instructor, Health and Human Services  
 Antoinette L. Fernandez, Adjunct Instructor, English  
 DawnMarie Ferrara, Adjunct Professional Assistant 1, Student Affairs  
 Gary Ferrigno, Adjunct Instructor, Physics  
 John S. Ferritto, Adjunct Professional Assistant 1, Mathematics  
 John F. Ferro, Adjunct Instructor, Fire Protection Technology  
 Ellen I. Fetterman, Adjunct Assistant Professor, English/Orientation Seminar  
 Michael Ficco, Adjunct Instructor, Music  
 Lorraine Findlay, Adjunct Assistant Professor, Biology  
 Robert L. Fink, Adjunct Assistant Professor, Physical Education  
 Kelly D. Finn, Adjunct Professional Assistant 1, Writing Center  
 Tracey Finnerty, Adjunct Instructor, English  
 Maxine Fischer, Adjunct Instructor, Mathematics  
 Wendy Fischer, Adjunct Instructor, Psychology  
 Stephanie Fisco, Adjunct Professional Assistant 1, Foreign Language  
 John J. Fitzgerald, Adjunct Instructor, Accounting  
 Kathleen Flammer-Boccio, Adjunct Professional Assistant 1, Earth and Space Science  
 Lorraine M. Flanagan, Adjunct Professional Assistant 1, Academic Computing Lab  
 Monica E. Flanagan, Adjunct Assistant Professor, Health and Human Services  
 Peter C. Flanagan, Jr., Adjunct Instructor, Health and Human Services  
 Lorraine Flecker, Adjunct Professor, Humanities/Orientation Seminar  
 John G. Fleischman, Adjunct Instructor, Health and Human Services  
 Josephine Fleming, Adjunct Professional Assistant 2, Student Activities/Counseling  
 William J. Flinter, Adjunct Associate Professor, History  
 Patricia Floyd-Murphy, Adjunct Instructor, Communications  
 Erin Flynn, Adjunct Instructor, Philosophy  
 Patricia G. Flynn-Pacholik, Adjunct Instructor, Counseling  
 Anne Fogarty, Adjunct Assistant Professor, Early Childhood Education  
 Henry Foglino, Adjunct Assistant Professor, Oceanography  
 Donna M. Foley, Adjunct Professional Assistant 1, Computer Science/Information Technology  
 Edith Forman, Adjunct Assistant Professor, Nursing  
 Seth Forman, Adjunct Associate Professor, Political Science  
 Beth Forrester, Adjunct Associate Professor, Early Childhood Education  
 Arnold Fox, Adjunct Assistant Professor, Computer Science/Information Technology/Information Processing  
 Edward Fox, Adjunct Instructor, Business Administration  
 Sheila Fox, Adjunct Instructor, Visual Arts  
 Stephen Fox, Adjunct Instructor, Foreign Language  
 Claude Frank, Adjunct Assistant Professor, Mathematics  
 Ellen Frank, Adjunct Assistant Professor, Visual Arts/Philosophy/Humanities  
 Peter J. Franzese, Adjunct Professional Assistant 1, Reading  
 Ellen Fraser, Adjunct Assistant Professor, Mathematics  
 Trevor Fraser, Adjunct Instructor, Communications  
 Michelle Freed, Adjunct Associate Professor, Reading/Orientation Seminar  
 Alan H. Freedman, Adjunct Assistant Professor, Physical Education  
 Josephine Freedman, Adjunct Professor, Computer Science  
 Matthew French, Adjunct Professional Assistant 2, Physical Education  
 Stephen J. Frey, Adjunct Instructor, Business Administration  
 Joshua Friedman, Adjunct Instructor, Mathematics  
 Sharon Friedman, Adjunct Assistant Professor, Physical Education  
 Suzanne Friesel, Adjunct Assistant Professor, Mathematics  
 Mark Friszolowski, Adjunct Instructor, Horticulture  
 Robert K. Frosch, Adjunct Instructor, Veterinary Science  
 George E. Frost, Adjunct Professor, Economics  
 George Frost III, Adjunct Instructor, Economics  
 Michael S. Frost, Adjunct Instructor, Political Science  
 Lois E. Fuchs, Adjunct Instructor, Sociology  
 Cynthia Fuller, Adjunct Professor, English/Humanities  
 Kevin Fuller, Adjunct Professional Assistant 1, Chemistry  
 Gregory T. Furjanic, Adjunct Instructor, Visual Arts  
 Esther Fusco, Adjunct Instructor, Orientation Seminar  
 Lorraine S. Fusco, Adjunct Assistant Professor, Reading  
**G**  
 John Gabosch, Adjunct Associate Professor, English  
 Joanne Gaffney, Adjunct Assistant Professor, Nursing  
 Kristen Gagne, Adjunct Instructor, Physical Education  
 Ann Gajowski, Adjunct Professional Assistant 2, Accounting  
 William Galati, Adjunct Instructor, Mathematics  
 Joseph Galdi, Adjunct Instructor, Criminal Justice  
 Michael J. Galgano, Adjunct Instructor, History  
 Constance Galin, Adjunct Assistant Professor, Early Childhood Education  
 Loretta M. Galina, Adjunct Instructor, Orientation Seminar  
 Cynthia Galindo Barone, Adjunct Professional Assistant 1, Writing Center  
 John C. Gallagher, Adjunct Professor, History/Political Science  
 John P. Gallagher, Adjunct Assistant Professor, Reading/Orientation Seminar  
 John Gallery, Adjunct Instructor, Economics/Business Administration  
 Karen Ganetis, Adjunct Instructor, Nursing  
 Joseph Gansrow, Adjunct Instructor, English  
 Bette Ganz, Adjunct Instructor, Mathematics  
 Mark Garabrant, Adjunct Instructor, Criminal Justice



Alcira Garafola, Adjunct Instructor, English as a Second Language

Alison Garber, Adjunct Associate Professor, Humanities/Women's Studies/Orientation Seminar

Leticia Garcia-Rogener, Adjunct Instructor, English as a Second Language

Jay L. Gardiner, Adjunct Assistant Professor, Health and Human Services/Physical Education

Sharon Gardner, Adjunct Professional Assistant 1, Veterinary Science

Mary Garguilo, Adjunct Instructor, English as a Second Language

Maureen Garofalo, Adjunct Instructor, Mathematics

Charles Garrison, Adjunct Professional Assistant 1, Biology

Edward Garrone, Adjunct Instructor, History

Roseann Garruba, Adjunct Assistant Professor, Reading/Orientation Seminar

Lori Gately, Adjunct Instructor, English as a Second Language

Debra Gazzola, Adjunct Instructor, Mathematics

Mary Geday, Adjunct Instructor, English

Harold Gee, Adjunct Instructor, Library Services

Donna M. Geffen, Adjunct Instructor, American Sign Language

Patricia Gefken, Adjunct Professional Assistant 1, Administration

Darlene Gelin, Adjunct Instructor, Community Service Assistant

Maria Genna, Adjunct Professional Assistant 2, Academic Computing Lab

Robert Genna, Adjunct Instructor, Criminal Justice

Christopher Gennari, Adjunct Instructor, History

James Genova, Adjunct Professional Assistant 1, Earth and Space Science

Margaret L. Genovese, Adjunct Instructor, English

Salvatore Gentile, Adjunct Professional Assistant 1, Foreign Language

Elena Geonie, Adjunct Assistant Professor, Recreation Leadership

Debra A. Gerrie, Adjunct Professional Assistant 2, Nursing

Ruth E. Gertzel, Adjunct Assistant Professor, Reading/Orientation Seminar

Lucia Ghezzi, Adjunct Instructor, Foreign Language

Claire Giammarese, Adjunct Professional Assistant 1, Administration

John Giannotti, Adjunct Professional Assistant 1, Computer Science/Information Technology

Barbara M. Gibbons, Adjunct Assistant Professor, Nursing

James Gibson, Adjunct Instructor, Psychology

Beth Giles, Adjunct Assistant Professor, Visual Arts

Lorraine Giloni, Adjunct Assistant Professor, Biology/Orientation Seminar

Eileen Gilroy, Adjunct Professional Assistant 2, Mathematics

Donna Giordano, Adjunct Instructor, History

Michael Giovingo Jr., Adjunct Instructor, Culinary Arts

Bernard S. Giunta, Adjunct Instructor, Business Administration

Joanne Glaski, Adjunct Instructor, English as a Second Language

Lawrence B. Glass, Adjunct Instructor, Biology

Terri Glatzer, Adjunct Instructor, Early Childhood Education

Mary Lou Glazer, Adjunct Instructor, Library Services

Kathy Glickman, Adjunct Instructor, English as a Second Language

Ronald Glickman, Adjunct Professor, Business: Law

Phoebe Gloeckner, Adjunct Instructor, Visual Arts

Salvatore Gnolfo, Adjunct Assistant Professor, Foreign Language

Jason Godeke, Adjunct Instructor, Visual Arts

Linda Goetz, Adjunct Professional Assistant 1, Health and Human Services

James Golbin, Adjunct Assistant Professor, Psychology/Sociology

Bob G. Goldberg, Adjunct Instructor, Sociology

Linda Goldberg, Adjunct Assistant Professor, Chemical Dependency Counseling/Orientation Seminar

Mark B. Goldberg, Adjunct Assistant Professor, Chemical Dependency Counseling

Richard Goldberg, Adjunct Professor, Biology

Stewart Goldberg, Adjunct Assistant Professor, Psychology/Orientation Seminar

Susana M. Goldberg-McLoughlin, Adjunct Assistant Professor, Foreign Language

Barbara Goldberger, Adjunct Instructor, English

Josh Golden, Adjunct Instructor, Theatre

Ivan K. Goldfarb, Adjunct Assistant Professor, English

Judith S. Goldstein, Adjunct Associate Professor, Reading/Orientation Seminar

Sarahjean Goldstein, Adjunct Assistant Professor, Nursing

Farrokh Golesorkhi, Adjunct Instructor, Mathematics/Computer Science/Information Technology

Katherine Golesorkhi, Adjunct Professor, Mathematics

John Gomez, Adjunct Instructor, English

Christine Goncharuk, Adjunct Instructor, Graphic Design

Estelle Gonzalez, Adjunct Instructor, English as a Second Language

Katya Gonzalez, Adjunct Professional Assistant 1, English as a Second Language

Michael Gonzalez, Adjunct Instructor, Visual Arts

Jessie Goodale III, Adjunct Assistant Professor, Political Science

Loyda M. Goodbody, Adjunct Instructor, Sociology

Marilyn Goodman, Adjunct Professor, Theatre/Humanities/Communications

Majorie Goodstone, Adjunct Instructor, Counseling

Monique Gordon, Adjunct Professional Assistant 2, Biology/Chemistry

Thomas Gordon, Adjunct Instructor, Biology

Margery Gosnell-Qua, Adjunct Assistant Professor, Visual Arts

Brewster C. Gottsch, Adjunct Associate Professor, Biology

Joseph A. Governale, Adjunct Assistant Professor, English

David Gray, Adjunct Assistant Professor, Mathematics/Physical Education

Charles Graziano, Adjunct Instructor, Counseling

Anthony P. Greco, Adjunct Instructor, Automotive Technology

Gayle Green, Adjunct Instructor, Sociology

Margaret E. Green, Adjunct Assistant Professor, American Sign Language

- Marilyn Green, Adjunct Professional Assistant 2, Administration
- Jack Greenberg, Adjunct Professional Assistant 1, Office Technologies
- Maury Greenberg, Adjunct Instructor, Health and Human Services
- Nathaniel Greene, Adjunct Instructor, Computer Science/Information Technology
- Pamela Greene, Adjunct Instructor, Political Science/Business: Law
- Diane Greenfield, Adjunct Instructor, Marine Science/Biology
- Michael D. Greenfield, Adjunct Instructor, Biology
- Nancy Greenfield, Adjunct Assistant Professor, Mathematics
- Christine Grega, Adjunct Professional Assistant 1, Mathematics
- Christopher Gregorio, Adjunct Professional Assistant 1, Radio/TV/Film
- Leonard Gregorio, Adjunct Professor, Psychology/Counseling
- Donna C. Gregory, Adjunct Professional Assistant 1, Mathematics
- John J. Grein, Adjunct Assistant Professor, Business Administration/Banking and Finance
- Charles Greiner, Adjunct Associate Professor, English/Communications
- Tatyana Grenkov, Adjunct Assistant Professor, Humanities
- John W. Greves, Adjunct Assistant Professor, Business Administration
- Pola Griego, Adjunct Instructor, Orientation Seminar
- Russell Griemsmann, Adjunct Associate Professor, Computer Science/Information Technology
- Joseph Grillo, Adjunct Assistant Professor, Psychology
- Anthony M. Grimaldi, Adjunct Assistant Professor, Chemical Dependency Counseling
- Peter W. Grimaldi, Adjunct Assistant Professor, Accounting/Orientation Seminar
- Nicholas Grimshaw, Adjunct Professional Assistant 1, English
- Charles Grippi, Adjunct Professor, English
- Donald Gronachan, Adjunct Instructor, Physical Education
- Jay Gross, Adjunct Assistant Professor, Mathematics
- S. Arthur Gross, Adjunct Professional Assistant 2, Mathematics
- Joseph Grossi, Adjunct Instructor, Foreign Language
- Marie Grossman, Adjunct Assistant Professor, Mathematics
- Neil S. Grossman, Adjunct Associate Professor, Psychology
- Raymond P. Grossman, Adjunct Professor, Mathematics
- Phyllis Grossman Young, Adjunct Instructor, Counseling
- Doreen Gruber, Adjunct Instructor, Physical Education
- Joann Gryzlo, Adjunct Instructor, Accounting/Business Administration
- Patricia Guercio, Adjunct Assistant Professor, Health and Human Services
- Anthony R. 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/Orientation Seminar
- Thomas Guthlein, Adjunct Professional Assistant 1, Ophthalmic Dispensing
- Bertha Gutman, Adjunct Associate Professor, Visual Arts
- Christine Guthman, Adjunct Professor, Health and Human Services
- Sarah Gutowski, Adjunct Instructor, English
- Laurie I. Guttenberg, Adjunct Assistant Professor, Communications
- Damian Gutierrez, Adjunct Instructor, English as a Second Language
- Clare Guydish, Adjunct Instructor, Health and Human Services
- H**
- Robert Haack, Adjunct Instructor, Criminal Justice
- Robin Haas, Adjunct Assistant Professor, Reading
- Nancy Haefeli, Adjunct Assistant Professor, English/Orientation Seminar
- Samuel Haft, Adjunct Associate Professor, Business Administration
- Bakhtavar Hagedorn, Adjunct Instructor, Mathematics
- James Halcrow, Adjunct Instructor, Business Administration
- Patricia Halcrow, Adjunct Instructor, Sociology
- Daniel Hall, Adjunct Instructor, Mathematics
- Nancy Hall, Adjunct Associate Professor, English
- William Hall, Adjunct Associate Professor, History
- Arlette Hall-Connolly, Adjunct Assistant Professor, Ophthalmic Dispensing
- Bruce L. Haller, Adjunct Assistant Professor, Business Administration
- Lois Halpin, Adjunct Instructor, Nursing
- Terry R. Hamblin, Jr., Adjunct Instructor, History
- Susan Hamill, Adjunct Instructor, Nursing
- Debra Handel, Adjunct Instructor, Counseling
- John Hanham, Adjunct Associate Professor, Computer Science/Information Technology
- Patricia A. Hanham, Adjunct Associate Professor, Computer Science/Information Technology
- Barbara Hanifan, Adjunct Professional Assistant 2, Theatre
- Andrea C. Hank, Adjunct Professional Assistant 2, Mathematics
- John Hanley, Adjunct Instructor, Mathematics
- Barbara Hansen, Adjunct Instructor, Accounting/Business Administration
- Frank Hansen, Adjunct Assistant Professor, Music
- Sherida Hare, Adjunct Assistant Professor, Mathematics
- Candida Harper, Adjunct Instructor, English as a Second Language
- Philip S. Harrington, Adjunct Instructor, Earth and Space Science
- Helen Harris, Adjunct Instructor, Mathematics
- Helen A. Harris, Adjunct Associate Professor, English/Humanities/Orientation Seminar
- Brian Harrison, Adjunct Instructor, Automotive Technology
- Joanne A. Hartman, Adjunct Professor, Visual Arts
- Melissa Hassildine, Adjunct Professional Assistant 1, English
- Henry Hasson, Adjunct Assistant Professor, Counseling
- Fred Hauck, Adjunct Instructor, Computer Science
- Harry Hauser, Adjunct Professor, Mathematics

Sharon Hayes, Adjunct Professional Assistant 1, Mathematics

Thomas Hayes, Adjunct Instructor, Foreign Language

Susan Haynie-DeForest, Adjunct Assistant Professor, Communications/Orientation Seminar

Robert F. Healy, Adjunct Instructor, Computer Science/Information Technology

Patricia Hebron, Adjunct Associate Professor, Nursing

Norman Heiman, Adjunct Associate Professor, Accounting

Karen Heiser, Adjunct Instructor, Early Childhood Education

Ann Helfgott, Adjunct Instructor, Humanities

Ute Hellebuyck, Adjunct Instructor, Foreign Language

Bruce F. Heller, Adjunct Assistant Professor, Computer Science/Information Technology

Linda Heller, Adjunct Instructor, Office Technology/Library Services

Laura Henigman, Adjunct Instructor, English

Daveen D. Herley, Adjunct Professor, Early Childhood Education

Deborah M. Hermann, Adjunct Instructor, Reading

Linda Heslin, Adjunct Assistant Professor, Library Services

Regina Hess, Adjunct Instructor, English as a Second Language

Richard P. Hession, Adjunct Professor, Physical Education

Anne Hewson, Adjunct Professional Assistant 1, Administration

Carmela Hidalgo, Adjunct Professional Assistant 1, Academic Skills Center

Gary Hiel, Adjunct Assistant Professor, Mathematics

Theresa Hightower, Adjunct Assistant Professor, Psychology

Jeffrey D. Hill, Adjunct Instructor, Computer Science/Information Technology

George J. Hiltner III, Adjunct Professor, Counseling/Orientation Seminar/English

Alfred H. Hilz, Adjunct Professional Assistant 1, Physics

Caryn Himelfarb, Adjunct Professional Assistant 1, Culinary Arts

Susan Hinely, Adjunct Instructor, History/Business: Law

Charles Hinrichs, Adjunct Instructor, Criminal Justice

Diana Hinton, Adjunct Assistant Professor, Accounting

Stephanie Hirschman, Adjunct Instructor, Humanities

Rita Hittleman, Adjunct Assistant Professor, Communications

Nga Tn Ho, Adjunct Professional Assistant 1, Mathematics

Jason P. Hodge, Adjunct Professional Assistant 2, Radio/TV/Film

Carrie P. Hofer, Adjunct Instructor, Nursing

Lois I. Hoffman, Adjunct Assistant Professor, Visual Arts

Klaus Hoffman, Adjunct Instructor, Business Administration

Carol Hogan, Adjunct Professional Assistant 2, Biology

Jennifer A. Hogan, Adjunct Instructor, English

Sarah Hoglund, Adjunct Instructor, History

William A. Holian, Adjunct Professor, Sociology/Anthropology

Renee Holland, Adjunct Instructor, Music

Alan L. Hollander, Adjunct Professor, Business Administration/Orientation Seminar

Nona Holmes, Adjunct Instructor, Nursing

Kevin Holochwost, Adjunct Professional Assistant 1, Physics

Fred Holtz, Adjunct Instructor, Psychology

Joyce A. Holzapfel, Adjunct Associate Professor, Biology

Emily Holzer, Adjunct Professional Assistant 2, Computer Science/Information Technology

John J. Hoolahan, Adjunct Professional Assistant 1, Mathematics

John W. Hooper, Adjunct Assistant Professor, Theatre/Communications

Lori Hooper, Adjunct Instructor, Sociology

Donna Hope, Adjunct Instructor, Business Administration

Virginia Horan, Adjunct Assistant Professor, Communications

Frederick Horn, Adjunct Professional Assistant 1, Biology

Joan Horn, Adjunct Professional Assistant 1, Earth and Space Science

Donald E. Howard, Jr., Adjunct Assistant Professor, Music

Vivian Hudson, Adjunct Instructor, Counseling

William C. Hudson, Adjunct Professor, Mathematics

Ronald Huetter, Adjunct Instructor, History

George Hughes, Adjunct Professor, Business: Law/Criminal Justice

Patrick Hughes, Adjunct Instructor, Visual Arts, Computer Science/Information Technology

Michael Hunt, Adjunct Instructor, Criminal Justice

Mary Anne Huntington, Adjunct Professional Assistant 2, Academic Computing

Bruce Hutchins, Adjunct Professional Assistant 1, Biology/Physics

Gerda V. Hyacinthe, Adjunct Instructor, Nursing

Allison J. Hynes, Adjunct Instructor, American Sign Language

**I**

Richard Iacona, Adjunct Assistant Professor, Music

Matthew Iannucci, Adjunct Instructor, English

Allison Ignelzi, Adjunct Instructor, Dietetic Technician

Diane Impagliazzo, Adjunct Assistant Professor, Office Technologies

Ricki Imundo, Adjunct Instructor, Physical Education

Anthony Infantino, Adjunct Instructor, Business Administration

Jerilyn Ingold, Adjunct Assistant Professor, Information Processing/Office Technologies

Robert Ingram, Adjunct Assistant Professor, Accounting

Susan Inkles, Adjunct Professional Assistant 2, Reading

William Israel, Adjunct Instructor, Mathematics

Leo E. Ivans, Adjunct Professional Assistant 2, Physics/Earth and Space Science/Biology

**J**

Eihab Jaber, Adjunct Professional Assistant 1, Mathematics

- Jill M. Jackowski, Adjunct Associate Professor, Psychology  
 Gale Jackson, Adjunct Instructor, Humanities  
 Lora Jacobi, Adjunct Instructor, Psychology  
 Todd Jacobs, Adjunct Instructor, Culinary Arts  
 Delores James, Adjunct Professional Assistant 1, Administration  
 Mark James, Adjunct Instructor, Physical Education  
 Daniel Jamieson, Adjunct Instructor, English  
 Patricia Janson, Adjunct Professor, Library Services/Orientation Seminar  
 Muhammad A. Jatoi, Adjunct Professional Assistant 1, Academic Computing  
 Muhammed Jatoi, Adjunct Professional Assistant 1, Academic Computing  
 Mohammad Javadi, Adjunct Assistant Professor, Mathematics  
 Marcia Jefferson, Adjunct Professor, Library Services  
 Christopher Jentsch, Adjunct Instructor, Music  
 Bernadette B. Jermusyk, Adjunct Assistant Professor, Mathematics  
 Brian Jermusyk, Adjunct Assistant Professor, Visual Arts  
 William Jessup, Adjunct Assistant Professor, Chemistry  
 Judith Johnsen, Adjunct Instructor, Psychology/Sociology  
 Jayne B. Johnsen-Seeberger, Adjunct Instructor, Library Services  
 Bruce Johnson, Adjunct Instructor, English  
 Darren Johnson, Adjunct Instructor, English  
 Joy Johnson, Adjunct Instructor, English  
 Richard Johnson, Adjunct Associate Professor, Theatre  
 Aurora G. Jones, Adjunct Instructor, Horticulture  
 B. Kay Jones, Adjunct Professional Assistant 1, Academic Computing Lab  
 Julie Jones, Adjunct Associate Professor, History/Interdisciplinary Studies  
 Maureen Jones, Adjunct Instructor, Visual Arts  
 Belkys Jorge, Adjunct Professional Assistant 1, Academic Skills Lab  
 Kathleen Joseph, Adjunct Assistant Professor, Mathematics  
 Vishwash Joshi, Adjunct Professional Assistant 1, Chemistry  
 Sherri L. Juhas, Adjunct Associate Professor, American Sign Language
- K**  
 Bruce L. Kadin, Adjunct Instructor, Computer Science/Information Technology  
 Elinor Kahana, Adjunct Assistant Professor, Visual Arts  
 Lois Kahl, Adjunct Instructor, Physical Education/Orientation Seminar  
 Martin Kahn, Adjunct Instructor, Reading  
 Spyro T. Kalas, Adjunct Instructor, Visual Arts  
 Dorothy Kalson, Adjunct Assistant Professor, Music/Interdisciplinary Studies  
 Diane Kampf, Adjunct Assistant Professor, English  
 Paul Kaplan, Adjunct Professor, Psychology  
 Robert Kaplan, Adjunct Associate Professor, English  
 Dean Karahalís, Adjunct Assistant Professor, Music  
 John Karahalís, Adjunct Associate Professor, Psychology/Orientation Seminar  
 Rewa Karlin, Adjunct Professional Assistant 1, English  
 Ketty D. Karmazin, Adjunct Assistant Professor, History/Interdisciplinary Studies  
 Jessica Karmen, Adjunct Associate Professor, Sociology  
 Edwin Karpf, Adjunct Professional Assistant 2, Physics  
 Maureen Karpf, Adjunct Instructor, Earth and Space Science  
 Gregory Karras, Adjunct Instructor, History  
 Lucy Karwoski, Adjunct Instructor, Visual Arts  
 Barbara Karyo, Adjunct Professor, Visual Arts  
 Marisa Kart, Adjunct Instructor, English as a Second Language  
 Jeffrey Kassner, Adjunct Assistant Professor, Biology  
 Karen Kassner, Adjunct Professional Assistant 2, Biology  
 Richard H. Kassnove, Adjunct Assistant Professor, Psychology  
 Joel D. Katims, Adjunct Professor, Business Administration/Business: Law  
 Jay E. Katzel, Adjunct Instructor, Mathematics  
 Lynn B. Katzel, Adjunct Assistant Professor, Reading/Orientation Seminar  
 Alyssa H. Kauffman, Adjunct Instructor, Communications  
 Michael Kaufman, Adjunct Instructor, Health and Human Services  
 Sandra Kaufman, Adjunct Professional Assistant 2, Mathematics  
 Saul Kaufman, Adjunct Associate Professor, History  
 Charles W. Kavanagh, Adjunct Professional Assistant 1, Mathematics  
 Mina E. Kearns, Adjunct Professional Assistant 1, Medical Assisting  
 Carole O. Keatts, Adjunct Professional Assistant 2, Biology  
 Margaret Keeley, Adjunct Professional Assistant 2, Health and Human Services/Nursing  
 John Kefalas, Adjunct Instructor, English as a Second Language  
 Debra L. Keith-Serafy, Adjunct Associate Professor, Biology  
 Barbara Kelleher, Adjunct Professional Assistant 1, Reading  
 Edward Kellner, Adjunct Instructor, English as a Second Language  
 Gail Kellner, Adjunct Instructor, Nursing  
 Martha Kellner, Adjunct Instructor, Orientation Seminar  
 Cheryl Kelly, Adjunct Instructor, Nursing  
 Margaret F. Kelly, Adjunct Assistant Professor, Reading  
 Margaret Kelly, Adjunct Assistant Professor, English as a Second Language  
 Eugene Kelly, Jr., Adjunct Instructor, Philosophy  
 Sharon Kelsch, Adjunct Associate Professor, Nursing  
 Kathleen Kelson, Adjunct Assistant Professor, Visual Arts  
 Kathleen Kennedy, Adjunct Instructor, English as a Second Language  
 Robert J. Kenney, Adjunct Instructor, Computer Science/Information Technology  
 Philip E. Kenter, Adjunct Professor, Business Administration  
 Rochelle Kertzner, Adjunct Instructor, Mathematics  
 Stanley Keslonsky, Adjunct Assistant Professor, Physical Education  
 Joseph F. Keuler, Adjunct Instructor, Drafting

June Kiefer, Adjunct Assistant Professor, Nursing  
 Robert Kiernan, Adjunct Instructor, Mathematics  
 Terrie Killoran, Adjunct Professional Assistant 2,  
 Health and Human Services  
 David S. Kilmnick, Adjunct Instructor, Health and  
 Human Services  
 Rachel Kimbell, Adjunct Instructor, Mathematics  
 Carmen Kiraly, Adjunct Instructor, Nursing  
 Eileen P. Kirchhoff, Adjunct Assistant Professor,  
 Mathematics  
 William C. Kiriazis, Adjunct Associate Professor,  
 Visual Arts  
 Barbara Kirshner, Adjunct Instructor, Communi-  
 cations  
 Patricia Kist, Adjunct Associate Professor,  
 Mathematics  
 Brian Klammer, Adjunct Professional Assistant 1,  
 Physical Education  
 Nina Klauber, Adjunct Professional Assistant 1,  
 Occupational Therapy Assistant  
 Kathryn Kleypas, Adjunct Instructor, English  
 Adrienne Kline, Adjunct Instructor, Mathematics  
 Karl Klug, Adjunct Instructor, Health and Human  
 Services  
 Charlene Knadle, Adjunct Associate Professor,  
 English  
 William T. Knipfing, Adjunct Instructor, Orientation  
 Seminar  
 Ellen B. Koch, Adjunct Instructor, English as a Second  
 Language  
 Arthur J. Koerber, Adjunct Instructor, Engineering/  
 Technology  
 Tracy A. Koerner, Adjunct Instructor, Nursing  
 Andrea Koetter, Adjunct Instructor, English  
 Dianne P. Kohl, Adjunct Associate Professor, English  
 Jack Kohl, Adjunct Professional Assistant 1, Music  
 Edward Kolk, Adjunct Instructor, Medical Assisting  
 Kevin Kolkmeier, Adjunct Instructor, English  
 Francis Kollman, Adjunct Instructor, Criminal  
 Justice  
 Leslie Konits, Adjunct Instructor, Economics  
 Leah Kontovrakis, Adjunct Assistant Professor,  
 Mathematics/Orientation Seminar  
 Jeffrey F. Koodin, Adjunct Professor, Physical  
 Education  
 Matthew L. Kops, Adjunct Instructor, Orientation  
 Seminar  
 Emmanuel Korakis, Adjunct Instructor, Accounting  
 Paul Koretzki, Adjunct Instructor, Mathematics  
 Joseph Kosina, Adjunct Professional Assistant 1,  
 Administration  
 Maureen Kotlas, Adjunct Instructor, Fire Protection  
 Technology  
 Catherine Kottis, Adjunct Professional Assistant 2,  
 Biology/Chemistry  
 Kevin Koubek, Adjunct Assistant Professor,  
 Construction Technology  
 Susan Koukounas, Adjunct Professional Assistant 1,  
 Mathematics  
 Nancy Kouris, Adjunct Instructor, Physical  
 Education  
 Marcia Kouskalis, Adjunct Assistant Professor,  
 Nursing  
 Michael Kozien, Adjunct Instructor, Visual Arts  
 Dennis Kramer, Adjunct Assistant Professor, Electrical  
 Technology  
 Maria Kranidis, Adjunct Instructor, English

Marie Kratochvil, Adjunct Associate Professor,  
 Economics  
 George W. Kreiling, Adjunct Professor, History/  
 Geography/Political Science  
 John F. Kreutz, Adjunct Instructor, Political Science  
 Christopher A. Krietsch, Adjunct Instructor, English  
 Mary Krisowaty, Adjunct Instructor, Physical  
 Education  
 George Kroecker, Adjunct Professor, Business  
 Administration  
 Donald G. Kubicsko, Adjunct Assistant Professor,  
 Office Technologies  
 Claudia Kuehnl, Adjunct Assistant Professor, Visual  
 Arts  
 Elzbieta Kulon-Reyniak, Adjunct Instructor, English  
 as a Second Language  
 Patricia Kussoy, Adjunct Instructor, Psychology/  
 Sociology

**L**  
 Kenneth LaBarbera, Adjunct Instructor, Early  
 Childhood Education  
 Frank LaBarbera, Adjunct Instructor, Physical  
 Fitness  
 Ellen LaBombardi, Adjunct Instructor, Biology  
 Garrett R. Lacara, Adjunct Professor, Business: Law  
 Elizabeth Lachat, Adjunct Instructor, English as a  
 Second Language  
 Richard LaFemina, Adjunct Associate Professor,  
 Psychology  
 Lisa Lagattolla, Adjunct Instructor, Foreign  
 Language  
 Chad Laird, Adjunct Instructor, Visual Arts  
 Josephine Lake, Adjunct Assistant Professor, Reading/  
 Orientation Seminar  
 Carol A. Lamanno, Adjunct Professor, Nursing  
 Lora Lamanno, Adjunct Professional Assistant 1,  
 Hotel/Restaurant Management  
 Stanley L. Lamberg, Adjunct Professor, Biology  
 Robert F. Lambiase, Adjunct Associate Professor,  
 Electrical Technology  
 Gene Lamendola, Adjunct Instructor, Music  
 Gary J. Lamm, Adjunct Assistant Professor, Computer  
 Science/Information Technology  
 Michael Lamonica, Adjunct Instructor, Ophthalmic  
 Dispensing  
 Theodore Lamonica, Jr., Adjunct Professional Assistant  
 1, Health and Human Services  
 Miriam T. Landau, Adjunct Assistant Professor,  
 Foreign Language  
 Carolyn S. Lanfear, Adjunct Assistant Professor,  
 Mathematics  
 Robert J. Lanfear, Adjunct Assistant Professor,  
 Mathematics  
 Kelly Langan-Dyer, Adjunct Professional Assistant 1,  
 Administration  
 Kimberly La Selva, Adjunct Professional Assistant  
 1, Reading  
 Thomas Lattimer, Adjunct Associate Professor,  
 Oceanography/Earth and Space Science  
 Norman G. Lavallee, Adjunct Professor, Business:  
 Law  
 Lorraine Lavorata, Adjunct Professional Assistant 1,  
 Distance Education  
 MaryLou Lawrence, Adjunct Professional Assistant  
 2, Accounting  
 Nicole Lawrence-Ascoli, Adjunct Professional  
 Assistant 1, Mathematics

- Vincent J. Lawrence, Jr., Adjunct Assistant Professor, Mathematics
- William E. Lawton, Adjunct Instructor, English
- Meghan Leborious, Adjunct Instructor, Visual Arts
- Myrta Lebron, Adjunct Instructor, English as a Second Language
- Carmelle LeCorps, Adjunct Instructor, Health Information Technology
- Dawn Lee, Adjunct Instructor, Visual Arts
- Gale J. Lee, Adjunct Instructor, English as a Second Language
- Hosun Moo Lee, Adjunct Instructor, Music
- Steven Lee, Adjunct Instructor, Physical Education
- Winston Lee, Adjunct Instructor, Health and Human Services
- Barbara Leek, Adjunct Professional Assistant 2, Writing Center
- Elaine J. Leftenant, Adjunct Professional Assistant 1, Foreign Language
- Linda Lehmann, Adjunct Professional Assistant 1, Reading
- Steven M. Lehrer, Adjunct Professional Assistant 2, Ophthalmic Dispensing
- Gerald Leisman, Adjunct Instructor, Psychology
- Robert Leiterman, Adjunct Instructor, Business Administration/Office Technologies
- Heather Lentz, Adjunct Professional Assistant 1, Reading
- Jennifer A. Leonardi, Adjunct Instructor, Nursing
- Joan M. Leonette, Adjunct Instructor, Health Careers
- Brenda Lesnick, Adjunct Instructor, English as a Second Language
- Deborah Lesser, Adjunct Instructor, Accounting
- Ronni Lester, Adjunct Instructor, Psychology
- Amie Letscher, Adjunct Instructor, Reading
- Jean Lettieri, Adjunct Professional Assistant 2, Administration
- Jonathan Leventon, Adjunct Instructor, History
- Jerome D. Levin, Adjunct Assistant Professor, Chemical Dependency Counseling/Psychology
- Judy Levine, Adjunct Assistant Professor, Early Childhood Education
- Kathy Levine, Adjunct Assistant Professor, Visual Arts
- Laura Levine, Adjunct Instructor, Mathematics/Computer Science
- Martin Levine, Adjunct Associate Professor, Visual Arts
- Morton E. Levine, Adjunct Associate Professor, English
- Paula M. Levine, Adjunct Instructor, English as a Second Language
- Sandra Levine, Adjunct Instructor, Health and Human Services
- Carmie A. Lewis, Adjunct Professor, Biology
- James P. Lewis, Adjunct Assistant Professor, Psychology/Orientation Seminar
- Matthew Lewis, Adjunct Instructor, Culinary Arts
- Stephen Lewis, Adjunct Professor, English
- Dale Leyden, Adjunct Instructor, English
- Wenxin Li, Adjunct Instructor, English
- Yong Li, Adjunct Assistant Professor, Physics/Chemistry
- David H. Lieberman, Adjunct Professor, Physics
- Mary E. Lilienthal, Adjunct Assistant Professor, Library Services
- Gil Link, Adjunct Instructor, Counseling
- Ingke Linker, Adjunct Instructor, English
- Margaret M. Lionetti, Adjunct Professional Assistant 1, Physical Education
- Gerri Lipschultz, Adjunct Instructor, English
- Carmen I. Lizardo, Adjunct Instructor, Visual Arts
- Elizabeth Lo-Re, Adjunct Instructor, Office Technologies
- Philip Locicero, Adjunct Professional Assistant 1, Biology
- Irene LoDolce, Adjunct Educational Services Assistant, Academic Skills Center
- Marvin E. Loewen, Adjunct Associate Professor, Chemistry
- Anthony Logallo, Adjunct Instructor, Criminal Justice
- George Lomaga, Adjunct Professor, Earth and Space Science
- Margaret A. Lomaga, Adjunct Assistant Professor, Earth and Space Science
- Joseph C. Lombardo, Adjunct Associate Professor, Philosophy
- Robin Lombardo, Adjunct Assistant Professor, Recreation Leadership/Health and Human Services
- Michael Lomonico, Adjunct Assistant Professor, English
- Carol Longo, Adjunct Associate Professor, Library Services
- John Longo, Adjunct Professor, Library Services
- Virtudes Lopez, Adjunct Instructor, Foreign Language
- Ann Loud, Adjunct Instructor, Theatre
- Fara Lourenso, Adjunct Professional Assistant 1, Math/Chemistry
- Clarita Love, Adjunct Professional Assistant 1, Theatre
- Diane Loverso-Cirino, Adjunct Instructor, English as a Second Language
- Jeffrey B. Lowen, Adjunct Professional Assistant 2, Biology
- Michael F. Lowitt, Adjunct Instructor, Orientation Seminar
- Martin Lubin, Adjunct Instructor, History/Humanities
- John Luchsinger, Adjunct Instructor, Physical Fitness
- Daniel Luciano, Adjunct Instructor, Physical Education
- Peter Luciano, Adjunct Associate Professor, Physical Education
- Barry Luckman, Adjunct Instructor, Physical Education
- Vicki Luckman, Adjunct Instructor, Physical Education
- Michael V. Lucrezio, Adjunct Instructor, Nursing
- Erin Ludlam, Adjunct Instructor, Health and Human Services
- Richard Lukaschek, Adjunct Assistant Professor, Mathematics
- John Luna, Adjunct Instructor, Economics
- Dorothea Lunarwoman, Adjunct Professor, Anthropology/Psychology
- Mona Lupow, Adjunct Assistant Professor, Early Childhood Education
- Barbara L. Lynch, Adjunct Instructor, Communications
- Brian Lynch, Adjunct Professional Assistant 1, Physical Education

Pamela Lynch, Adjunct Instructor, Biology  
 Vincent Lyons, Adjunct Assistant Professor, Business:  
 Law  
 Virginia Lyons, Adjunct Instructor, Nursing

**M**  
 Heather D. Macadam, Adjunct Instructor, English  
 Maria MacArle, Adjunct Associate Professor, Physical  
 Education  
 Noreen MacDonald, Adjunct Instructor, English as a  
 Second Language  
 Susan MacDonald, Adjunct Assistant Professor,  
 Physical Education/Orientation Seminar  
 Michael Macioce, Adjunct Instructor, Visual Arts  
 Elaine Maclellan, Adjunct Instructor, Biology  
 Janet MacMillan, Adjunct Instructor, Reading  
 Yves Maco, Adjunct Instructor, Physical Education  
 Cynthia Maddalena, Adjunct Professional Assistant 1,  
 Computer Science/Information Technology  
 Honour Maddock, Adjunct Assistant Professor,  
 Criminal Justice  
 Kathleen Madigan, Adjunct Instructor, Library  
 Service  
 Joyce Maggio, Adjunct Assistant Professor, English/  
 Journalism/Orientation Seminar  
 Alice Magrisi, Adjunct Instructor, Psychology  
 James R. Maher, Adjunct Assistant Professor, Criminal  
 Justice  
 Brian Mahoney, Adjunct Instructor, Horticulture  
 Cathleen Mahoney, Adjunct Professional Assistant 1,  
 Mathematics  
 James E. Mahoney, Adjunct Assistant Professor,  
 English  
 Janet A. Mahoney, Adjunct Assistant Professor,  
 Mathematics  
 Katherine Majowka, Adjunct Assistant Professor,  
 English  
 Ruth A. Makofske, Adjunct Assistant Professor,  
 Visual Arts  
 Louis Malerba, Adjunct Assistant Professor,  
 Communications  
 Carol Malley, Adjunct Professional Assistant 1,  
 Administration  
 Sean P. Malloy, Adjunct Assistant Professor,  
 Mathematics  
 John Malnichuck, Adjunct Associate Professor,  
 English  
 John Malskis, Adjunct Professor, Mathematics  
 Theodora Mamatas, Adjunct Instructor, English  
 Judy Mancin, Adjunct Instructor, English as a Second  
 Language  
 Robert Mancini, Adjunct Instructor, Biology  
 Robin C. Mancuso, Adjunct Professional Assistant 1,  
 Mathematics  
 Donald Mandell, Adjunct Associate Professor,  
 Orientation Seminar  
 Roberta Mandell, Adjunct Instructor, Orientation  
 Seminar  
 Michael Mangino Jr., Adjunct Instructor, Nursing  
 Beverly Mann, Adjunct Assistant Professor, English/  
 Orientation Seminar  
 Joyce Mann, Adjunct Instructor, Communications  
 Janna L. Mannhart, Adjunct Professional Assistant 2,  
 Physical Education  
 Ronald Manning, Adjunct Instructor, Business: Law  
 Stephen D. Manning, Adjunct Instructor, Philosophy  
 Michael G. Mannix, Adjunct Professor, Health and  
 Human Services  
 Louis M. Mannon, Adjunct Instructor, Counseling

Melissa Maravell, Adjunct Professional Assistant 1,  
 Theatre  
 Linda L. Marbach, Adjunct Instructor, Visual Arts  
 Lydia Marcantonio, Adjunct Assistant Professor,  
 Communications/Theatre  
 Julius Marcucci, Adjunct Professor, Mathematics  
 Linda Marfoglio, Adjunct Instructor, Orientation  
 Seminar  
 Marilyn P. Margulies, Adjunct Assistant Professor,  
 Mathematics  
 Gail Marino, Adjunct Instructor, Mathematics  
 Marcie L. Marino, Adjunct Instructor, English as a  
 Second Language  
 John Mario, Adjunct Assistant Professor, Criminal  
 Justice  
 Anthony Maritato, Adjunct Instructor, Economics  
 Karen A. Maritato, Adjunct Instructor, Engineering/  
 Technology  
 Alan Mark, Adjunct Assistant Professor, Accounting/  
 Business Administration  
 Janet S. Markoff, Adjunct Assistant Professor,  
 Communications/Reading  
 Frank Marotta, Adjunct Assistant Professor, Health  
 and Human Services  
 Roberta Marpet, Adjunct Assistant Professor,  
 Nursing  
 Norris Marshak, Adjunct Assistant Professor,  
 English  
 Frances Marsicovetere, Adjunct Professional Assistant  
 2, Foreign Language  
 Bruce A. Martin, Adjunct Assistant Professor,  
 Computer Science/Information Technology  
 Maureen Martin, Adjunct Professional Assistant  
 1, Computer Science/Information Technology/  
 Distance Education  
 Raymond Martinez, Adjunct Instructor, Counseling  
 Irina Martkovich, Adjunct Instructor, English as a  
 Second Language  
 Ronald Marwood, Adjunct Instructor, Economics  
 Roland Marx, Adjunct Assistant Professor, Business  
 Administration  
 Erin Marzovilla, Adjunct Instructor, Reading  
 Jean Masin, Adjunct Associate Professor, Visual Arts/  
 Humanities/Counseling  
 Denise Masone, Adjunct Instructor, Early Childhood  
 Education  
 Steeves Mathieu, Adjunct Professional Assistant 1,  
 Computer Science/Information Technology  
 Gerard M. Matovcik, Adjunct Assistant Professor,  
 English  
 William Matros, Adjunct Instructor, Mathematics  
 Dianne Matthews, Adjunct Assistant Professor,  
 Mathematics  
 Mark Matvya, Adjunct Professional Assistant 2,  
 Physical Education  
 Janet G. Mauck, Adjunct Professional Assistant 2,  
 Academic Computing Lab  
 Barbara J. Maurer, Adjunct Instructor, Chemical  
 Dependency Counseling  
 Ralph Maust, Adjunct Professor, Earth and Space  
 Science  
 Gregory Mays, Adjunct Instructor, Administration  
 Joan Mazur, Adjunct Instructor, English as a Second  
 Language  
 Vivienne A. Mazzola, Adjunct Assistant Professor,  
 Mathematics  
 Barbara L. McAadorey-Morreal, Adjunct Professor,  
 History/Political Science

- William J. McAllister, Adjunct Professor, Computer Science/Information Technology
- David McAuley, Adjunct Associate Professor, Business Administration/Orientation Seminar
- Michael P. McCabe, Adjunct Professional Assistant 1, Mathematics
- Nancy McCaffrey, Adjunct Assistant Professor, Library Services
- Roseann McCaffrey, Adjunct Professional Assistant 1, Horticulture
- Vincent McCambley, Adjunct Associate Professor, Psychology
- Jeralynn McCarthy, Adjunct Assistant Professor, Library Services/Orientation Seminar
- John McCarthy, Adjunct Instructor, Criminal Justice
- Raymond A. McCartney, Adjunct Professor, Mathematics
- James B. McCarty III, Adjunct Assistant Professor, Criminal Justice
- Peter McCluskey, Adjunct Assistant Professor, Theatre
- Suzanne McConnell, Adjunct Professional Assistant 2, Biology
- Steven McCormack, Adjunct Instructor, English as a Second Language
- Miriam McDade, Adjunct Assistant Professor, Mathematics
- John V. McDermott, Adjunct Professor, English
- Margaret McDonald, Adjunct Assistant Professor, Nursing
- Robert A. McDonald, Adjunct Instructor, Visual Arts
- Karen McDonough, Adjunct Assistant Professor, Mathematics
- Thomas R. McDonough, Adjunct Instructor, English
- Hugh J. McElroy, Adjunct Professor, Visual Arts
- Helen P. McEntire, Adjunct Associate Professor, Accounting
- Robert McGarry, Adjunct Professional Assistant 1, Biology
- James McGeever, Adjunct Professional Assistant 1, Academic Skills Center
- Maria McGeoch, Adjunct Professional Assistant 1, Mathematics
- David McGilvray, Adjunct Assistant Professor, Computer Science/Information Technology
- Mary E. McGrath, Adjunct Professional Assistant 1, English
- Vicki M. McGrath, Adjunct Professional Assistant 2, Reading
- Daniel McGuire, Adjunct Instructor, Accounting
- Honore McLvain, Adjunct Assistant Professor, Library Services
- Donna M. McLlwraith-Seidle, Adjunct Associate Professor, Library Services
- Claire McKeever, Adjunct Instructor, Business: Law
- Lynda C. McKenna, Adjunct Assistant Professor, Mathematics
- Michael McKenna, Adjunct Instructor, History
- Steven McKinnon, Adjunct Professional Assistant 1, Mathematics
- Thomas McKnight, Adjunct Instructor, Mathematics
- Jean McLain, Adjunct Instructor, Medical Assisting
- James P. McLaughlin, Adjunct Assistant Professor, Criminal Justice
- Susana McLoughlin, Adjunct Assistant Professor, English as a Second Language
- Kathleen McLinskey, Adjunct Professional Assistant 2, Horticulture /English
- Rosemary A. McMahon, Adjunct Instructor, History
- Leslie McNally, Adjunct Professional Assistant 1, Biology
- Laura McNeil-Friscia, Adjunct Instructor, Counseling
- Franklin McNiff, Adjunct Assistant Professor, History
- Denise McNulty, Adjunct instructor, Physical Education
- Edward Mead, Adjunct Professor, Reading
- Morton Mecklosky, Adjunct Professor, Mathematics/Philosophy
- Joseph M. Megill, Adjunct Professional Assistant 2, Horticulture
- William M. Melendez, Adjunct Assistant Professor, Visual Arts
- Valerie Mendelson, Adjunct Instructor, Visual Arts
- Linda Menkes, Adjunct Instructor, American Sign Language
- Danielle D. Mercier, Adjunct Professional Assistant 1, Mathematics/Biology
- John Merenda, Adjunct Assistant Professor, History
- Marilyn Merenda, Adjunct Professor, Communications
- Kevin Messina, Adjunct Instructor, Economics
- Jill Metz, Adjunct Instructor, English as a Second Language
- Shirley Meyer, Adjunct Professional Assistant 2, Biology
- Peter Micallef, Adjunct Instructor, Health Information Technology
- Janet Miceli, Adjunct Professional Assistant 1, Academic Skills Center
- Robert Michnoff, Adjunct Instructor, Engineering/Technology
- Laura Midura, Adjunct Professional Assistant 1, Student Affairs
- Sally Migliacci, Adjunct Professional Assistant 1, Economics/Mathematics
- Laura Mikkleson, Adjunct Professional Assistant 1, Horticulture
- Laura J. Milhaven, Adjunct Assistant Professor, Counseling
- Danielle Miller, Adjunct Instructor, Library Services
- David Miller, Adjunct Professor, Theatre
- Edward L. Miller, Adjunct Assistant Professor, Philosophy
- Keith Miller, Adjunct Instructor, Visual Arts/Interdisciplinary Studies
- Leona Miller, Adjunct Associate Professor, Business Administration
- Margaret Miller, Adjunct Associate Professor, Visual Arts
- William Miller, Adjunct Assistant Professor, Mathematics
- James A. Mills, Adjunct Instructor, Engineering/Technology
- Angela Milner, Adjunct Assistant Professor, Early Childhood Education
- Anthony Miranda, Adjunct Instructor, History
- Thomas F. Mistretta, Adjunct Associate Professor, Chemistry
- Claireann Mitchell, Adjunct Instructor, Orientation Seminar
- Rosario R. Modesto, Adjunct Professor, Biology
- Christine Mohanty, Adjunct Assistant Professor, English/French/Spanish/Orientation Seminar



Lois Mohlenbrok, Adjunct Professional Assistant 2, Biology

Kim Mokarry, Adjunct Professional Assistant 1, Administration

Pamela Moks, Adjunct Instructor, Veterinary Science

John F. Molina, Adjunct Assistant Professor, Chemistry

Teresa A. Moller, Adjunct Instructor, Mathematics

Sally Monahan, Adjunct Instructor, Nursing

Frank Monastero, Adjunct Instructor, Theatre

Dina Monat, Adjunct Instructor, English

Charles Montagna, Adjunct Instructor, Physical Education/Veterinary Science

Silvia A. Montemurro, Adjunct Assistant Professor, Reading/English

Gene Montenare, Adjunct Instructor, Mathematics

Meredith Moody, Adjunct Instructor, Visual Arts

Michael Mooney, Adjunct Instructor, Business Administration

Carol Moore, Adjunct Assistant Professor, English/Orientation Seminar

Eileen M. Moore, Adjunct Instructor, Reading

Patricia Morahan, Adjunct Assistant Professor, English

Ana C. Moran, Adjunct Assistant Professor, Humanities/Orientation Seminar

Ellen Moran, Adjunct Professional Assistant 2, Biology

James P. Moran, Adjunct Assistant Professor, Oceanography/Biology/Orientation Seminar

Kathleen Moran, Adjunct Associate Professor, English

Roseann Moran, Adjunct Instructor, Nursing

Marianne Morea, Adjunct Instructor, Mathematics

Alice Morgan, Adjunct Instructor, Information Processing/Office Technologies/Orientation Seminar

Charles Morgan, Adjunct Assistant Professor, Foreign Language

Peter A. Moriarty, Adjunct Associate Professor, Visual Arts

Kim Morin, Adjunct Professional Assistant 1, Academic Computing Lab

Marie Eve Morin, Adjunct Instructor, Philosophy

Lorraine P. Morris, Adjunct Professional Assistant 2, Administration/Academic Skills Center

Stephen H. Morris, Jr., Adjunct Instructor, Health and Human Services

Peter Morrison, Adjunct Professor, English

Lynn Morse, Adjunct Assistant Professor, Computer Science/Information Technology

Richard Morse, Adjunct Assistant Professor, Psychology

Richard Moscatelli, Adjunct Instructor, Mathematics

Theresa Moschner, Adjunct Professional Assistant 1, Computer Science/Information Technology/Distance Education

Kathleen Mosko, Adjunct Professional Assistant 2, Biology

Nicole Mosko, Adjunct Professional Assistant 1, Biology

Panagioti Mourdoukoutas, Adjunct Assistant Professor, Economics

Esther Moux Jonas, Adjunct Instructor, Graphic Design

Mary Mocyik-Aguilera, Adjunct Instructor, Visual Arts

Elizabeth Mullady, Adjunct Professional Assistant 2, Health and Human Services/Nursing

Loretta Mulle, Adjunct Instructor, Mathematics

Jennifer Munro, Adjunct Instructor, Health and Human Services

Michelle Munro, Adjunct Assistant Professor, English/English as a Second Language/Foreign Language

Nicholas Muratore, Adjunct Assistant Professor, Sociology

Lorraine Murphy, Adjunct Associate Professor, Early Childhood Education/Orientation Seminar

Mildred Murphy, Adjunct Professor, English

Rose Murphy, Adjunct Professional Assistant 1, Administration

Micheline Murray, Adjunct Instructor, English as a Second Language

Jed Myers, Adjunct Instructor, Chemistry

Barbara Mytko, Adjunct Professional Assistant 2, Writing Center

**N**

Jennifer Nader, Adjunct Instructor, English

Balan Nagraj, Adjunct Instructor, Visual Arts

Christina Nalty, Adjunct Instructor, Visual Arts

Frank J. Napolitano, Adjunct Assistant Professor, English

Anthony S. Nappi, Adjunct Professional Assistant 1, Biology

Thomas Nasca, Adjunct Instructor, History

Cynthia Naso, Adjunct Professional Assistant 1, Administration

Sabita Nayak, Adjunct Professional Assistant 1, Academic Computing Lab

Tim Needles, Adjunct Professional Assistant 1, Visual Arts

Merle R. Neidell, Adjunct Instructor, Counseling

Anna Nesterova-Liers, Adjunct Associate Professor, Biology

Dawn Neuman, Adjunct Instructor, American Sign Language

Sandra M. Neuss, Adjunct Instructor, Mathematics

Giselle Nevola, Adjunct Instructor, English as a Second Language

Shirley Newberger, Adjunct Professional Assistant 2, English/English as a Second Language

Victoria Newell, Adjunct Professional Assistant 2, Earth and Space Science

Ruth A. Newman, Adjunct Associate Professor, Foreign Language

David Newton, Adjunct Instructor, Accounting

Paul J. Nicklaus, Adjunct Assistant Professor, Computer Science/Information Technology

John M. Nicolellis, Adjunct Instructor, Health and Human Services

Eric Niegelberg, Adjunct Assistant Professor, Health and Human Services

Susan Nielsen, Adjunct Assistant Professor, Mathematics/Orientation Seminar

Susan Nifenbecker, Adjunct Instructor, Nursing

Kathleen Niles, Adjunct Professional Assistant 1, Nursing

David Nolan, Adjunct Professor, Mathematics

Oscar Norena, Adjunct Professional Assistant 1, Foreign Language

Stacie Norman, Adjunct Instructor, Physical Education

Donald J. Norton, Adjunct Instructor, Mathematics

Carolyn T. Notaro, Adjunct Assistant Professor, Dietetic Technician/Orientation Seminar  
 Robert P. Novak, Adjunct Assistant Professor, Mathematics  
 Harriette Novick, Adjunct Professor, Theatre/Communications  
**O**  
 Thomas O'Brien, Adjunct Associate Professor, Biology  
 David O'Brig, Adjunct Professional Assistant 1, Biology  
 Thomas J. O'Connell, Adjunct Assistant Professor, Health and Human Services  
 Christine M. O'Connor, Adjunct Instructor, Computer Science/Information Technology  
 Gerald O'Connor, Adjunct Professor, English  
 Joseph J. O'Connor, Adjunct Professor, Business: Law  
 Kathryn A. Odell-Hamilton, Adjunct Assistant Professor, Visual Arts  
 Dennis O'Doherty, Adjunct Assistant Professor, Business: Law  
 Richard O'Donnell, Adjunct Assistant Professor, Criminal Justice  
 Erin O'Driscoll, Adjunct Instructor, Physical Education  
 John A. O'Frias, Adjunct Associate Professor, Psychology/Sociology  
 Robin M. Ogilvie, Adjunct Professional Assistant 1, Biology  
 Laurie O'Halloran, Adjunct Associate Professor, Psychology/Health and Human Services  
 Peter J. O'Hara, Adjunct Instructor, History  
 Philip Oil, Adjunct Associate Professor, Criminal Justice/Orientation Seminar  
 Adhiambo Okomba, Adjunct Assistant Professor, Reading  
 Lydia Okrant, Adjunct Instructor, Early Childhood Education  
 John P. Oliver, Adjunct Assistant Professor, Business: Law/Criminal Justice  
 Rose Oliveira, Adjunct Instructor, English as a Second Language  
 John J. O'Neill, Adjunct Assistant Professor, English  
 Patrick O'Neill, Adjunct Assistant Professor, Mathematics  
 Gary Ording, Adjunct Professor, Computer Science/Information Technology  
 Loretta Orion, Adjunct Associate Professor, Anthropology/Sociology/Humanities  
 Brooke Orosz, Adjunct Professional Assistant 1, Mathematics  
 Teresa Orlik, Adjunct Assistant Professor, English  
 Harvey OrNSTein, Adjunct Instructor, Mathematics  
 Arlene Orth, Adjunct Professor, Business Administration  
 Daniel Osborne, Adjunct Assistant Professor, Criminal Justice  
 Nicole O'Shea, Adjunct Instructor, English as a Second Language  
 Maisa Othman, Adjunct Professional Assistant 1, Administration  
 Joan Ott, Adjunct Instructor, Visual Arts  
 Alexei Oulanov, Adjunct Instructor, Library Services  
 Vladimir Ovtcharenko, Adjunct Instructor, Biology  
 Marjorie Oxman, Adjunct Instructor, Graphic Design

Phyllis Ozarin, Adjunct Instructor, Chemical Dependency Counseling  
**P**  
 Lori Pack, Adjunct Instructor, Business: Law  
 Stephen Padwa, Adjunct Instructor, Mathematics  
 Suly Palacio, Adjunct Professional Assistant 1, Foreign Language/Academic Computing Lab  
 Diane Palermo, Adjunct Instructor, English as a Second Language  
 Phyllis Palma, Adjunct Assistant Professor, Mathematics  
 Alan Palmer, Adjunct Instructor, Mathematics  
 Maureen Palmieri, Adjunct Assistant Professor, Visual Arts  
 Paolo Palone, Adjunct Instructor, Veterinary Science Technology  
 Lynne M. Panagakos, Adjunct Assistant Professor, Early Childhood Education  
 Nuntra Panasuntikul, Adjunct Instructor, Computer Science/Information Technology  
 Jyoti P. Pandit, Adjunct Assistant Professor, Library Services  
 Raymond Paolantonio, Adjunct Instructor, Mathematics  
 James Papa, Adjunct Assistant Professor, English  
 John Parcell, Adjunct Instructor, Music  
 Lauren Parente, Adjunct Professional Assistant 1, Mathematics  
 Tina Paris, Adjunct Instructor, Drafting  
 Vincent Parisi, Adjunct Instructor, Mathematics  
 Jan Parker, Adjunct Professor, Economics  
 Allie Parrish, Adjunct Professor, Counseling  
 Emily Parry, Adjunct Associate Professor, English  
 Dariusz Partyka, Adjunct Professional Assistant 1, Mathematics  
 Mary M. Pasterak, Adjunct Professional Assistant 1, Medical Assisting  
 Dorothy Patrick, Adjunct Assistant Professor, Orientation Seminar  
 Anne Patterson, Adjunct Instructor, Mathematics  
 Theresa Paukovits, Adjunct Professor, Nursing  
 Aristodem Pavlou, Adjunct Instructor, Culinary Arts  
 Ruth Pavn, Adjunct Professional Assistant 1, Student Affairs  
 Clyde I. Payne, Adjunct Professor, Mathematics  
 Philip A. Pecorino, Adjunct Professor, Philosophy  
 Marianna Pedonne, Adjunct Instructor, Counseling  
 Alice J. Peltz, Adjunct Professional Assistant 2, Biology  
 Eugene L. Penna, Jr., Adjunct Assistant Professor, Mathematics  
 Srinivas N. Pentyala, Adjunct Assistant Professor, Biology  
 Robert Perelmuter, Adjunct Associate Professor, Psychology  
 Christine Perez, Adjunct Instructor, English as a Second Language  
 Karen Perez, Adjunct Assistant Professor, American Sign Language  
 Milton Perez, Adjunct Professional Assistant 1, Mathematics  
 Jannine Pergola, Adjunct Assistant Professor, Psychology  
 Franklin Perlman, Adjunct Assistant Professor, Physical Education/Health and Human Services  
 Penelope Perryman, Adjunct Instructor, Health and Human Services/Orientation Seminar  
 Kimberly Peters, Adjunct Instructor, Reading

Raymond Petersen, Adjunct Assistant Professor, Business Administration/Criminal Justice/Health and Human Services/Orientation Seminar

Gina A. Petrone, Adjunct Professional Assistant 1, Math Lab

Michael Petruso, Adjunct Professional Assistant 1, Foreign Language

Donald Pettit, Adjunct Professor, Business Administration

Tu Pham, Adjunct Professional Assistant 1, Mathematics

Pauline Pharr, Adjunct Assistant Professor, English as a Second Language

Alan S. Phillips, Adjunct Associate Professor, Business Administration

Kelly A. Picard, Adjunct Instructor, Reading

Christina Pietras, Adjunct Professional Assistant 1, Mathematics

Robert Pike, Adjunct Instructor, English

Susan Pilewski, Adjunct Instructor, English

George R. Pinnata, Adjunct Associate Professor, Mathematics

Regina Pirraglia, Adjunct Instructor, English as a Second Language

Joan-Marie Pittman, Adjunct Instructor, English as a Second Language

Francis Pizzarelli, Adjunct Associate Professor, Sociology/Orientation Seminar

Sharon A. Placella, Adjunct Assistant Professor, Nursing

Iris Plafker, Adjunct Assistant Professor, Dietetic Technician/Health and Human Services

Robert S. Plath, Adjunct Instructor, English

Pamela Platt, Adjunct Instructor, Computer Science/Information Technology

Frances Pochtrager, Adjunct Instructor, English as a Second Language

Andrew Polan, Adjunct Instructor, Ophthalmic Dispensing

Richard Polansky, Adjunct Instructor, Mathematics

Kathleen Polhamer, Adjunct Assistant Professor, Library Services

James F. Polo, Adjunct Associate Professor, Sociology

Sheryl Polofsky, Adjunct Assistant Professor, Mathematics

Nicholas G. Pompei, Adjunct Assistant Professor, Accounting/Business Administration

Christine Pond, Adjunct Instructor, English as a Second Language

Thomas C. Ponte, Adjunct Assistant Professor, Health and Human Services/Chemical Dependency Counseling

Richard Posner, Adjunct Assistant Professor, English

Patricia Posthauer, Adjunct Instructor, Communications

Todd A. Postol, Adjunct Instructor, History

M. Louise Potter, Adjunct Professional Assistant 1, Administration

Carol Powers, Adjunct Associate Professor, Physical Education/Orientation Seminar

Valerie Powers, Adjunct Professional Assistant 2, Mathematics

Manju Prakash, Adjunct Instructor, Earth and Space Science/Physics

Priscilla E. Pratt, Adjunct Assistant Professor, Library Services

Gayle Precht, Adjunct Instructor, Physical Education

Janice Prendergast, Adjunct Assistant Professor, Visual Arts

Linda Prentiss, Adjunct Professional Assistant 1, Visual Arts/Academic Computing Lab

Byron Preston, Adjunct Instructor, Music

Lisa Primerano, Adjunct Instructor, Foreign Language

Paulette Prisco-Sosa, Adjunct Instructor, English as a Second Language

Vito Proscia, Adjunct Instructor, Ophthalmic Dispensing

Diane L. Prosser, Adjunct Instructor, Philosophy

Raymond Prucher, Adjunct Instructor, Visual Arts

**Q**

Audrey Quibell, Adjunct Professional Assistant 1, Nursing

Steven Quick, Adjunct Professional Assistant 2, Computer Science/Information Technology/Distance Education

Edward C. Quimby, Adjunct Instructor, Engineering/Technology

Andrew J. Quinn, Adjunct Professor, Psychology

Jacqueline Quiros, Adjunct Assistant Professor, Biology/Ophthalmic Dispensing

Jason Quitoni, Adjunct Instructor, Physical Education

**R**

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Michael J. Rabasca, Adjunct Associate Professor, Library Services/Orientation Seminar

Lori K. Racaniello, Adjunct Instructor, Biology

Bobby Raju, Adjunct Professional Assistant 1, Academic Computing Lab

Debbi Rakowsky, Adjunct Associate Professor, Psychology/Sociology

Filomena Ramirez, Adjunct Professor, Computer Science/Information Technology/Office Technologies

Ira Ramsden, Adjunct Instructor, Nursing

Louise A. Ramsey, Adjunct Instructor, Communications

Wayne T. Ramsey, Adjunct Instructor, Earth and Space Science/Orientation Seminar

Mildred Rapp, Adjunct Instructor, English as a Second Language

Dalimar Rastello, Adjunct Instructor, Foreign Language

Warren Ratna, Adjunct Instructor, Biology

John Ray, Adjunct Assistant Professor, Business: Law

Peter Raycroft, Adjunct Assistant Professor, Mathematics

Valerie Reagan, Adjunct Assistant Professor, Chemical Dependency Counseling/Health and Human Services

Anne Realmuto, Adjunct Instructor, Psychology

Kathleen A. Reba, Adjunct Instructor, Interdisciplinary Studies/Fine Art

Kerri Reda, Adjunct Instructor, Health and Human Services/Physical Education

Paul Redwood, Adjunct Professional Assistant 1, Mathematics

Michelle Reed, Adjunct Professional Assistant 1, Mathematics

William A. Reffelt, Adjunct Instructor, History

Linda Rehberg Reidy, Adjunct Instructor, English as a Second Language

- Herbert Reichert, Adjunct Instructor, Visual Arts  
 Louisa Reichardt, Adjunct Assistant Professor, Library Services  
 Joel M. Reicherter, Adjunct Professor, Biology  
 Charles Reilly, Adjunct Professor, Accounting  
 John Reilly, Adjunct Instructor, Geography  
 Jonathan Reilly, Adjunct Instructor, Visual Arts  
 Peter Reilly, Adjunct Assistant Professor, Communications  
 Pamela G. Rein, Adjunct Professional Assistant 1, Foreign Language  
 Amy F. Reinhardt, Adjunct Instructor, Foreign Language  
 Angela Reinhardt, Adjunct Instructor, Mathematics  
 Anne Reinhart, Adjunct Instructor, Nursing  
 Jerome Reinhold-Shor, Adjunct Instructor, Foreign Language  
 Dennis Reiss, Adjunct Professor, Business Administration  
 Pearl Remily, Adjunct Assistant Professor, Mathematics  
 Robin Remsen, Adjunct Professional Assistant 2, Biology  
 Paulette Renna, Adjunct Instructor, English  
 Robert Renz, Adjunct Instructor, History  
 Vincent A. Restivo, Adjunct Assistant Professor, History/Orientation Seminar  
 Richard Reuter, Adjunct Professional Assistant 2, Visual Arts  
 Luisa M. Reynolds, Adjunct Professional Assistant 1, Foreign Language  
 Eugene Rhynie, Adjunct Assistant Professor, Music  
 Jack Rice, Adjunct Instructor, Orientation Seminar  
 Lorraine F. Rice, Adjunct Assistant Professor, English/Orientation Seminar  
 James J. Richards, Adjunct Associate Professor, Counseling  
 Jean Riddell, Adjunct Professor, Health and Human Services/Medical Assisting  
 James Ridley, Adjunct Assistant Professor, Computer Science/Information Technology  
 Dominic Riemma, Adjunct Associate Professor, Accounting  
 Nathaniel Riesenber, Adjunct Assistant Professor, Mathematics  
 Sherolyn E. Riley, Adjunct Instructor, Orientation Seminar  
 Michael P. Risolo, Adjunct Assistant Professor, Chemical Dependency Counseling  
 Svetlana Rivilils, Adjunct Professional Assistant 1, Biology  
 Amy Rizzuto, Adjunct Instructor, Orientation Seminar  
 Gail M. Roach, Adjunct Instructor, Mathematics  
 Douglas Robbins, Adjunct Professor, Health and Human Services  
 Andrea Roberson, Adjunct Instructor, Mathematics  
 Mark S. Roberts, Adjunct Assistant Professor, Philosophy  
 Valerie Robins, Adjunct Professional Assistant 1, Foreign Language  
 Dolores Robinson, Adjunct Professional Assistant 1, Biology  
 James Robinson, Adjunct Assistant Professor, History/Interdisciplinary Studies/Political Science  
 Paul Robinson, Adjunct Instructor, Humanities  
 Melvin Robinson Jr., Adjunct Professional Assistant 1, Music  
 Neysa Robles, Adjunct Professional Assistant 1, Administration  
 Joan L. Rocchetta, Adjunct Instructor, Early Childhood Education  
 Richard F. Rocco, Adjunct Assistant Professor, English  
 Linda S. Rocke, Adjunct Professor, Physical Education  
 Christine Rockett, Adjunct Instructor, Occupational Therapy Assistant  
 Elizabeth Roddin, Adjunct Professional Assistant 1, Writing Center  
 Laurie Rodger, Adjunct Assistant Professor, Early Childhood Education/Orientation Seminar  
 Edward Rodriguez, Adjunct Assistant Professor, Mathematics  
 Barry Roffer, Adjunct Instructor, Physical Education  
 Victoria Roger, Adjunct Instructor, English  
 Edward P. Romaine, Adjunct Instructor, History  
 Filomena Romano, Adjunct Associate Professor, Visual Arts  
 Joan Romano, Adjunct Assistant Professor, Mathematics  
 Joseph F. Romano, Adjunct Assistant Professor, Communications/Theatre  
 Jeraldine M. Romeo, Adjunct Associate Professor, Reading  
 Richard M. Romero, Adjunct Instructor, History  
 James Rooney Jr., Adjunct Instructor, Criminal Justice  
 Kevin Rooney, Adjunct Instructor, Computer Science/Information Technology  
 Judy Rosado, Adjunct Instructor, Mathematics  
 Jill Rosenberg, Adjunct Instructor, Counseling  
 Stuart Rosenberg, Adjunct Assistant Professor, Economics  
 Simona Rosenblatt, Adjunct Associate Professor, Communications  
 Eileen Rosenzweig, Adjunct Assistant Professor, Physical Education  
 Laura Ross-White, Adjunct Instructor, Theatre  
 Louise Rossen, Adjunct Instructor, Mathematics  
 William Rostron, Adjunct Instructor, History  
 Joanne Roth, Adjunct Professional Assistant 2, Foreign Language  
 John Rotta, Adjunct Assistant Professor, Foreign Language  
 Thomas Rouge, Adjunct Professional Assistant 1, Mathematics  
 Gail Rough-Stratford, Adjunct Assistant Professor, English  
 Luann Rowland, Adjunct Professional Assistant 1, Nursing  
 Andrew Rubin, Adjunct Assistant Professor, English/Orientation Seminar  
 Michael Ruddick, Adjunct Instructor, Criminal Justice  
 Colleen Rudman, Adjunct Instructor, English  
 Lydia J. Ruffolo, Adjunct Assistant Professor, Library Services  
 John Ruiz, Adjunct Professional Assistant 1, Academic Computing Lab  
 Carole Russo, Adjunct Instructor, Theatre  
 John D. Ryan, Adjunct Assistant Professor, Philosophy  
 Michael Ryan, Adjunct Assistant Professor, Business Administration/Health and Human Services  
 Rebecca Ryan, Adjunct Instructor, Psychology

Roseanna Ryan, Adjunct Professional Assistant 1, Mathematics  
 Mary Ryan-Garcia, Adjunct Instructor, English  
 Teresa Ryther, Adjunct Professional Assistant 2, Biology/Chemistry

**S**

Dominick A. Sacco, Adjunct Professor, Criminal Justice/Sociology  
 Jeffrey A. Sackett, Adjunct Assistant Professor, Humanities  
 Wallace L. Sadoff, Adjunct Assistant Professor, Chemical Dependency Counseling/Counseling  
 Alexander Sagredo, Adjunct Assistant Professor, English as a Second Language  
 Robert Saia, Adjunct Assistant Professor, Earth and Space Science  
 Charles Saladino, Adjunct Associate Professor, Biology  
 Bethann Salamone, Adjunct Professional Assistant 1, Foreign Language  
 Michael J. Salerno, Adjunct Assistant Professor, History  
 Virginia M. Salerno, Adjunct Instructor, Physical Education  
 John A. Salig, Adjunct Instructor, Veterinary Science Technology  
 Anna Samselski, Adjunct Professional Assistant 1, Computer Science/Information Technology  
 Barbara Samuells, Adjunct Associate Professor, Accounting  
 Sonia Sanchez, Adjunct Professional Assistant 1, Foreign Language  
 Ivan Sanders, Adjunct Professor, English  
 Colleen Sandford, Adjunct Instructor, English  
 Mark Sandford, Adjunct Professional Assistant 1, Foreign Language  
 Maureen Sandford, Adjunct Professional Assistant 2, English  
 Lorraine Sanso, Adjunct Instructor, Nursing  
 Karen A. Santino, Adjunct Professional Assistant 2, Computer Science/Information Technology  
 Laurel Santomassino, Adjunct Professional Assistant 2, Administration  
 Michael P. Santoriello, Adjunct Professional Assistant 2, Biology/Chemistry  
 Velia E. Santoro, Adjunct Instructor, Physical Education  
 Mala Saxena, Adjunct Assistant Professor, Chemistry  
 Dominick Scalise, Adjunct Assistant Professor, Chemical Dependency Counseling  
 Nina M. Scaringello, Adjunct Assistant Professor, English/Orientation Seminar  
 James Scarpati, Adjunct Assistant Professor, Accounting  
 Carol Schaaf, Adjunct Instructor, Mathematics  
 William Schaefer, Adjunct Instructor, Political Science  
 Mary Schafer, Adjunct Instructor, English as a Second Language  
 Richard Schaffer, Adjunct Instructor, Political Science  
 Dorothy Schaller, Adjunct Instructor, English as a Second Language  
 Kristin Scharpf, Adjunct Instructor, Physical Education  
 William J. Schaub, Adjunct Assistant Professor, Health and Human Services

John Scheblein, Adjunct Instructor, Engineering/Technology  
 Roberta S. Schechter, Adjunct Instructor, Mathematics  
 Lynn Scheff, Adjunct Instructor, English as a Second Language  
 Annette M. Schel, Adjunct Instructor, Nursing  
 Jeanette Scheller, Adjunct Professional Assistant 2, Visual Arts  
 Rosemarie Schiavone, Adjunct Instructor, Physical Education  
 Pasqual Schievella, Adjunct Professor, Philosophy  
 Thomas Schiliro, Adjunct Instructor, Criminal Justice  
 Jon Schippers, Adjunct Instructor, Health and Human Services/Physical Education  
 William T. Schlageter, Adjunct Instructor, Computer Science/Information Technology  
 Richard L. Schlesinger, Adjunct Instructor, Visual Arts  
 Alvin H. Schlosser, Adjunct Professor, Health and Human Services/Orientation Seminar  
 Jennifer Schmidt, Adjunct Professional Assistant 1, Reading  
 Michael Schmitz, Adjunct Assistant Professor, Psychology  
 Kenneth Schnatz, Adjunct Professional Assistant 1, Mathematics  
 Gail Schneider, Adjunct Professional Assistant 1, Biology  
 Kristin A. Schneider, Adjunct Professional Assistant 1, Veterinary Science Technology  
 Lisa Schneider, Adjunct Professional Assistant 1, Reading  
 Stephen Z. Schneider, Adjunct Associate Professor, Business Administration  
 William Schneider, Adjunct Assistant Professor, Business Administration/Criminal Justice  
 Jack Schorr, Adjunct Associate Professor, Chemistry  
 Barbara A. Schott, Adjunct Professional Assistant 1, Academic Computing Lab  
 Dorothy Schroeder, Adjunct Assistant Professor, Early Childhood Education  
 Frederic E. Schubert, Adjunct Professor, Chemistry  
 Terry C. Schuld, Adjunct Professional Assistant 1, Academic Computing Lab  
 Carl Schultheiss, Adjunct Instructor, Engineering/Computer Science/Information Technology  
 Seymour Schultz, Adjunct Professor, Psychology  
 Dennis E. Schulz, Adjunct Assistant Professor, Mathematics  
 Gail Schuman, Adjunct Instructor, Mathematics  
 Robert Schuman, Adjunct Associate Professor, Engineering/Technology  
 Catherine V. Schumann, Adjunct Instructor, Reading  
 Mark Schwartz, Adjunct Instructor, Orientation Seminar  
 Tobias W. Schwartz, Adjunct Assistant Professor, Economics  
 Kristin Schwenker, Adjunct Professional Assistant 1, Nursing  
 Genine Schwinge, Adjunct Instructor, Nursing  
 Carolyn Sciarino, Adjunct Assistant Professor, Nursing  
 John Sciolio, Adjunct Instructor, Business Administration  
 Michael J. Sclafani, Adjunct Instructor, Computer Science/Information Technology

- Linda Scordino, Adjunct Instructor, Communications
- Charles Scott, Adjunct Assistant Professor, English
- Raymond C. Scott, Adjunct Assistant Professor, Business Administration/Psychology/ Orientation Seminar
- Nancy Scuri, Adjunct Professional Assistant 1, English
- Timothy Sebesta, Adjunct Associate Professor, Health and Human Resources
- Michael Secko, Adjunct Assistant Professor, Computer Science/Information Technology
- Eduardo Segura, Adjunct Instructor, Foreign Language
- Maria Segura, Adjunct Instructor, Foreign Language
- Richard Seidman, Adjunct Instructor, Computer Science/Information Technology
- Sandra Seliger, Adjunct Associate Professor, Psychology/Orientation Seminar
- Joseph J. Sella, Adjunct Instructor, Mathematics
- Daniel Sellick, Adjunct Instructor, American Sign Language
- Padma Seshadri, Adjunct Associate Professor, Biology
- Walter A. Sevian, Adjunct Assistant Professor, Mathematics/Computer Science/Information Technology
- John T. Sexton, Adjunct Associate Professor, Accounting
- Margherita Sexton, Adjunct Assistant Professor, Mathematics
- Vasiliki Sgouras, Adjunct Instructor, Biology
- Joseph Shaffery, Adjunct Instructor, Psychology
- Riaz Shah, Adjunct Instructor, Mathematics
- Michael Shapiro, Adjunct Assistant Professor, Business Administration
- Morris Shapiro, Adjunct Associate Professor, Psychology
- Janet Sharp, Adjunct Professional Assistant 1, American Sign Language
- Maureen Shea, Adjunct Instructor, Psychology
- Jo-anne Sheehan, Adjunct Professional Assistant 2, Computer Science/Information Technology
- Julie Sheehan, Adjunct Instructor, English
- Michael F. Sheehan, Adjunct Associate Professor, Business Administration
- Sabina Sheikh, Adjunct Instructor, Chemistry
- Paul K. Sherard, Adjunct Assistant Professor, Physics
- Alan Shields, Adjunct Professor, Business Administration
- Susan E. Shiveley, Adjunct Instructor, Mathematics
- Nava Shochet, Adjunct Assistant Professor, Chemistry
- Linda Shoemaker, Adjunct Assistant Professor, Music
- Kenneth Shropshire, Adjunct Instructor, Mathematics
- Salvatore Sica, Adjunct Professor, Accounting
- Joseph Sidoti, Adjunct Instructor, Geography
- Jeffrey Siegel, Adjunct Instructor, Veterinary Science
- William A. Siegel, Adjunct Instructor, Health and Human Services/Fire Protection Technology
- Edward Sierra, Adjunct Instructor, Mathematics
- Joseph Silva, Adjunct Instructor, Accounting
- Allen Silver, Adjunct Specialist, Distance Education
- Ann M. Silver, Adjunct Assistant Professor, Dietetic Technician
- Annette Silver, Adjunct Professional Assistant 1, Anthropology
- Lawrence Silver, Adjunct Professor, Chemistry
- Carol Silverman, Adjunct Instructor, English as a Second Language
- Myron M. Silverman, Adjunct Assistant Professor, History
- Tracey Silverman, Adjunct Instructor, Early Childhood Education
- Paul Simon, Adjunct Associate Professor, Engineering/Technology
- Virginia Simone, Adjunct Professional Assistant 1, English
- Iverielle Simons, Adjunct Professional Assistant 1, Foreign Language
- George Simonsen, Adjunct Professional Assistant 1, Mathematics
- Floyd B. Singer, Adjunct Professor, Psychology
- Mandeep Singh, Adjunct Instructor, Geography
- Thomas Sipala, Adjunct Assistant Professor, Travel and Tourism
- Patricia A. Sisson, Adjunct Instructor, Communications
- Jordan Skyer, Adjunct Assistant Professor, Ophthalmic Dispensing
- Tamara Slankard, Adjunct Instructor, English
- Michael Slauenwhite, Adjunct Assistant Professor, Business Administration
- Rievan W. Slavkin, Adjunct Associate Professor, Humanities/Orientation Seminar
- Stephen Slovensky, Adjunct Professional Assistant 1, Health and Human Services
- Paul Sluiter, Adjunct Instructor, Philosophy
- Imelda Small, Adjunct Instructor, Biology
- Rudy Small, Adjunct Instructor, English as a Second Language
- Wayne Smiley, Adjunct Professor, Mathematics/Earth and Space Science
- Carol Smith, Adjunct Instructor, Nursing
- James Smith, Adjunct Instructor, English as a Second Language
- Kristen A. Smith, Adjunct Professional Assistant 1, English
- Linda Smith, Adjunct Co-op Specialist, Career Services
- Marcelle Smith, Adjunct Assistant Professor, French/Orientation Seminar
- Pamela Smith, Adjunct Professional Assistant 1, Medical Assisting
- Peter Smith, Adjunct Instructor, History
- Peter J. Smith, Adjunct Professional Assistant 1, Biology
- Stephanie M. Snider, Adjunct Assistant Professor, Academic Skills Center/English as a Second Language/Orientation Seminar
- Susanne Sniffin, Adjunct Assistant Professor, Medical Assisting
- David Snyder, Adjunct Instructor, Music
- Evelyn Sobanski, Adjunct Professional Assistant 1, Radio/TV/Film
- Jessika Sobanski, Adjunct Professional Assistant 1, Radio/TV/Film
- Jill Sokol, Adjunct Professional Assistant 1, Mathematics
- M. Christi Soler, Adjunct Professional Assistant 1, Foreign Language
- Adele H. Solimine, Adjunct Instructor, English as a Second Language

Edward Soloff, Adjunct Instructor, English  
 Jocelyn Sosnicki, Adjunct Instructor, American Sign Language  
 Antonina Spaeth, Adjunct Professional Assistant 2, Computer Science/Information Technology/Academic Computing Lab  
 David Spears, Adjunct Instructor, Sociology  
 Eileen Specht, Adjunct Professor, Nursing  
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 Norell Stein, Adjunct Instructor, Psychology  
 Russel Steinke, Adjunct Professor, English  
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**T**  
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 Peter Teofrio, Adjunct Professional Assistant 2, Physics  
 Geraldine Thalen, Adjunct Associate Professor, English  
 Hewitt Thayer, Adjunct Instructor, English  
 Charles R. Theisen, Adjunct Instructor, Engineering/Technology  
 Henry Thode, Adjunct Instructor, Mathematics  
 Victoria A. Thode, Adjunct Instructor, Health and Human Services  
 Bernard O. Thomas, Jr., Adjunct Assistant Professor, History/Political Science  
 Judith H. Thomas, Adjunct Instructor, History/Interdisciplinary Studies  
 Lauren K. Thompsen, Adjunct Instructor, Mathematics

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- George Thorsen, Adjunct instructor, Criminal Justice
- Evelyn Tieman, Adjunct Instructor, English as a Second Language
- Penelope Tierney, Adjunct Assistant Professor, American Sign Language
- Carl Tillona, Adjunct Instructor, English
- Thomas Timchek, Adjunct Associate Professor, Mathematics
- Joseph Titone, Adjunct Assistant Professor, Mathematics
- Linda Tobin, Adjunct Assistant Professor, Reading/Orientation Seminar
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- Brenda Jo Tuttle, Adjunct Assistant Professor, Library Services
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- Karlene D. Tyson, Adjunct Instructor, Counseling
- U**
- Evelyn Uddin-Khan, Adjunct Instructor, English as a Second Language
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- Linda Unterstein, Adjunct Assistant Professor, Mathematics
- John Urquhart, Adjunct Instructor, Mathematics
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- Mary Vahey, Adjunct Assistant Professor, Visual Arts
- Naintara G. Vaid, Adjunct Associate Professor, Sociology
- Frank Valenzisi, Adjunct Instructor, Veterinary Science
- Rafaela Valle, Adjunct Instructor, English as a Second Language
- Joseph P. Vallone, Adjunct Associate Professor, Mathematics
- Christopher Vamos, Adjunct Professional Assistant 1, Mathematics
- Jeffrey Van Brink, Adjunct Instructor, Mathematics
- Alfred VanBuren, Jr., Adjunct Professor, English
- Julia VanCleve, Adjunct Instructor, English
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- Margaret Waldmann, Adjunct Instructor, English
- Bruce C. Waldner, Adjunct Professor, Mathematics
- Anne M. Walker, Adjunct Professional Assistant 2, Biology



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 Administration  
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 Language  
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 2, Academic Computing Lab  
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 Education  
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 2, Biology  
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 Orientation Seminar  
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 Orientation Seminar  
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 Arts  
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 Second Language  
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 Physical Education  
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 Thomas Whiten, Adjunct Instructor, Mathematics  
 Juliann Whitman, Adjunct Instructor, Mathematics  
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 Film  
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 Judith Wiegand, Adjunct Assistant Professor,  
 Mathematics  
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 Psychology/Orientation Seminar  
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 Science/Information Technology  
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 William G. Wilhelm, Adjunct Professional Assistant  
 1, Earth and Space Science  
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 as a Second Language  
 Judith Williams, Adjunct Instructor, Mathematics  
 Kenneth Williams, Adjunct Instructor, Criminal  
 Justice  
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 Second Language  
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 Arts/English  
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 Culinary Arts  
 Fletcher Winston, Adjunct Instructor, Sociology  
 Cathy Wirtenson, Adjunct Professional Assistant 1,  
 Nursing  
 Christopher Wisnowski, Adjunct Instructor,  
 Orientation Seminar  
 Peter Witkowski, Adjunct Associate Professor,  
 History  
 Jacqueline Wolf, Adjunct Assistant Professor,  
 Counseling/Orientation Seminar  
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 AnneMarie Wondsel-Glazer, Adjunct Instructor,  
 Health and Human Services  
 Yolande L. Wong Sing, Adjunct Instructor,  
 Mathematics  
 Robert Woodman, Adjunct Assistant Professor,  
 Biology  
 George Woods, Adjunct Instructor, Biology  
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 Earth and Space Science  
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 Computer Science/Information Technology  
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 Criminal Justice  
 Robert C. Wurm, Adjunct Assistant Professor,  
 Computer Science/Information Technology  
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 and Human Services  
 X  
 Jean Harry Xavier, Adjunct Professional Assistant 1,  
 Mathematics  
 Y  
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 Sign Language  
 Jessica Yood, Adjunct Instructor, English

Chong Yoon, Adjunct Instructor, Library Services  
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Orientation Seminar/Counseling  
Janet Youngblood, Adjunct Assistant Professor,  
English

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Nursing  
Debra Zaech, Adjunct Instructor, Psychology  
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Seminar; Professional Assistant 1, Distance  
Education/Computer Science/Information  
Technology  
Alfred Zappala, Adjunct Instructor, Geography  
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Biology  
Edwin Zenker, Adjunct Professional Assistant 1,  
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Margaret F. Zeuschner, Adjunct Instructor, Visual  
Arts  
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Engineering/Technology  
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James Forrer, C.P.A.  
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of Audit and Control, Suffolk County;  
Adjunct Associate Professor of Accounting,  
Suffolk County Community College  
Alphonse Ruggiero, Academic Chair of  
Accounting/Business Administration,  
Professor of Accounting, Suffolk County  
Community College

#### **AMERICAN SIGN LANGUAGE/INTERPRETER FOR THE DEAF**

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Coordinator and Assistant Professor of  
American Sign Language, Suffolk County  
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Mary Altuna, M.A., C.I., Teacher of the Deaf,  
Cleary School for the Deaf  
Sallie Bruno, C.I., C.T., Long Island Regional  
Representative New York State Professional  
Development for Educational Interpreters  
Donna M. Geffen, Laboratory Technologist,  
Good Samaritan Hospital; Adjunct  
Instructor, Suffolk County Community  
College  
Richard Stelle, M.A., Coordinator of the Cleary  
School for the Deaf Secondary Program at  
East Islip

#### **AUTOMOTIVE TECHNOLOGY**

Frank Angelico, NE Region Area Service  
Manager, General Motors  
Kevin Bennett, Technician, King O'Rourke  
Pontiac  
D. George Bodkin, Assistant Professor of  
Automotive Technology, Suffolk County  
Community College  
Steve Cogan, Automotive Technology, BOCES  
Technical Center  
Alan Day, Technician, Saturn of Smithtown  
Pat Gallo, NE Region Area Service Manager,  
General Motors  
Tim Gilley, Service Manager, Karp Buick Saab  
Dan Gippert, NE Region Area Service Manager,  
General Motors  
Tony Greco, Automotive Technology, BOCES  
Technical Center  
Brian Harrison, Automotive Instructor, L.A.  
Wilson Technical Center  
Lorraine Heinicke, NE Region Area Service  
Manager, General Motors

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 Bob LoBosco, Educational Accounts, Snap-On Representative  
 Peter Maritato, Academic Chair, Engineering and Technology, Suffolk County Community College  
 Richard Milano, Instructor of Automotive Technology, Suffolk County Community College  
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 Tom Russo, NE Region Area Service Manager, General Motors  
 Jan Sanchez, Technician, Ramp Hummer  
 Frank Simon, Technician, King O'Rourke Pontiac  
 Tom Snyder, Service Manager, Sun Pontiac  
 Ray Wescott, Lead Technician, Huntington Chevrolet  
 Tiffany Zebuda, Service Manager, Huntington Chevrolet

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 Vincent Consorti, Jr., Vice President, Citibank  
 Susan Farrell, Human Resource Management  
 Kathleen Galgano, Manager, Worldwide Education, Symbol Technology  
 Lorraine McCormack, Entrepreneur  
 Tim McHeffey, Associate Professor of Business Administration, Suffolk County Community College  
 Kevin McNamara, Associate Professor of Business Administration, Suffolk County Community College  
 Steve Saltzman, Assistant Academic Chair of Accounting/Business Administration, Professor of Business Administration, Suffolk County Community College

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 Monica Cercone, General Manager in Training, Best Buy  
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 Steve Grandis, Vice President - Sales, Curran & Connors, Inc.  
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Lorraine McCormack, Entrepreneur  
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 Steve Saltzman, Assistant Academic Chair of Accounting/Business Administration, Professor of Business Administration, Suffolk County Community College  
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 Jane Shearer, Assistant Dean of Faculty for Business and Social Science, Suffolk County Community College

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 Joseph Flaherty, Professor of Mechanical Technology, Suffolk County Community College  
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 Stephen W. Normandin, P.E., Project Engineer, Lockwood, Kessler & Bartlett, Inc.  
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 John Schnurr, PLS, LLC  
 Howard Rowland, Vice President, E.W. Howell  
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 John M. Semioli, P.E., Project Engineer, Earth Tech, Inc.  
 Robert A. Steele, P.E. Project Engineer, L.K. McLean Associates, P.C.

#### **COOPERATIVE EDUCATION AND INTERNSHIPS**

Debra M. Klein, Advisory Committee Chair; Coordinator, Suffolk County Community College  
 Sylvia Camacho, Director of Career Services and Cooperative Education, Suffolk County Community College  
 Cheryl Clifford, Professor of Office Administration, Suffolk County Community College  
 Dorlena Dunbar, Senior Human Resources Generalist, Underwriters Laboratories, Inc.

Alice Goode-Elman, Professor of Humanities and Women's Studies, Suffolk County Community College  
 Renee Flack, Director, Science Education Center, Brookhaven National Laboratory  
 Stacy Pavlak, Cyber Lounge Coordinator, Suffolk Federal Credit Union  
 Peter Maritato, Academic Chair of Engineering and Industrial Technology, Associate Professor of Electrical Technology, Suffolk County Community College

#### **CRIMINAL JUSTICE**

Michael Higginson, Associate Professor of Criminal Justice, Suffolk County Community College  
 John Dempsey, Professor of Criminal Justice, Suffolk County Community College  
 Paul Failla, Police Officer, Suffolk County Police Department  
 Woodrow R. Finley, Associate Professor of Criminal Justice, Suffolk County Community College  
 John Gallagher, former Police Commissioner, Suffolk County  
 Cindy Grob, Import Specialist, U.S. Customs  
 Richard Haeg, Private Investigator  
 Charles Russo, partner in Russo, Fox and Karl

#### **EARLY CHILDHOOD EDUCATION**

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 Kathleen Cummings, Assistant Professor of Early Childhood Education, Suffolk County Community College  
 Constance Galin, Child Care Council of Suffolk  
 Terri Glatzer, Director, Grant Campus Kids' Cottage Children's Learning Center, Suffolk County Community College  
 Audrey Hopkins, Director, Ammerman Campus Children's Learning Center, Suffolk County Community College  
 Lucille Oddo, Executive Director, SUNY Stony Brook Child Care Services

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Matthew Zukosky, Advisory Committee Chair; Coordinator of Emergency Medical Care Program; American Heart Association Teaching Center Coordinator; Instructor of Health Careers, Suffolk County Community College  
 Robert Delagi, Chief, Prehospital Medical Operations, Suffolk County EMS  
 Thomas Lateulere, Chief of Training and Education, Suffolk County EMS

Eric Niegelberg, Director, Emergency Medical Services, University Hospital at Stony Brook  
 Paul Werfel, Director of the Paramedic Program, State University of New York at Stony Brook

#### **ENGINEERING SCIENCE AND ELECTRICAL TECHNOLOGY**

Richard Biscardi, Senior Project Engineer, Brookhaven National Laboratory  
 Linda Boehm, Applications Specialist, Spectron Corporation  
 Joseph Cascardi, Senior Project Engineer, Cardion Electronics  
 Angela Chewning, Human Resources Administrator, Dayton T. Brown  
 Dominic Ciordullo, Associate Professor, Nassau Community College  
 Christine Ortiz, Human Resources Administrator, ILC Data Device Corporation  
 Astride Sipos, Director of Human Resources, Parket-Gull  
 Scott Tierno, Engineering Science Department, State University of New York at Stony Brook

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 Dr. Robert Otto, Professor of Physical Education and Human Performance Science, Adelphi University  
 Don Gronachan, Physical Medicine Sales and Marketing Manager, Biodex; Adjunct Instructor of Physical Education, Suffolk County Community College  
 Evan Mestman, R.D., President, Appetite and Attitudes  
 Ruth Hughes, International Certification Specialist/ Trainer; Adjunct Instructor of Physical Education, Suffolk County Community College  
 Ken Fitzgerald, President, Lift Gym; Adjunct Instructor of Physical Education, Suffolk County Community College

#### **NURSING**

Patricia Gilbert, R.N., Nurse Recruiter, Stony Brook University Hospital  
 Margaret Kelly, R.N., M.S., In-service Educator, Long Island State Veterans Home  
 Eleanor O'Boyle, M.A., R.N.C., Assistant Vice President for Nursing Education, John T. Mather Memorial Hospital  
 Maxine Wofse, R.N., M.A., Executive Director of Nursing, Brookhaven Memorial Hospital Medical Center

## PARALEGAL

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John Ammerman, Attorney; Associate Professor of Business Law, Paralegal Program Coordinator, Suffolk County Community College

Andrea L. Bonanno, Private Paralegal; graduate of Suffolk County Community College

Ashleigh Brogan, Private Paralegal; graduate of Suffolk County Community College

Carol Cashmore, Private Paralegal; graduate of Suffolk County Community College

Frank Deetgen, Private Paralegal; graduate of Suffolk County Community College

Edward P. Donnellan, Attorney; General Public Representative

Hon. Robert Doyle, Justice, Supreme Court of the State of New York

Hon. Joseph Farnetia, Justice, Suffolk County Court

Ronald A. Feinberg, Attorney; Paralegal Professor of Business Law, Suffolk County Community College

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Stanley Lechner, Public Paralegal; Liaison to New York State Attorney General

John C. Meyer, General Public Representative, Safe Harbor Title

Dennis O'Doherty, Jr., Attorney; Adjunct Assistant Professor of Business Law, Suffolk County Community College

Sherry Pirone, Paralegal; graduate of Suffolk County Community College

William Ripp, Private Attorney

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Joseph Schaal, Public Paralegal; Court Clerk, Lake Grove Village Justice

Kathryn Simon, Paralegal; graduate of Suffolk County Community College

Frances M. Sprufera, Private Paralegal; graduate of Suffolk County Community College

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## PHYSICAL THERAPIST ASSISTANT

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Kerry Hoffman, Assistant Professor of Physical Therapy, Suffolk County Community College

Michelle Gallante, PT, St. Charles Hospital and Rehabilitation Center

Gina Alaimo, PTA, Long Island State Veterans Home

Debra Cigna, PTA, Northport Physical Therapy

Kevin Roden, PT, Island Sports Physical Therapy

Karen Devries, PTA, New Interdisciplinary School

Physical Therapist Assistant curriculum senior student

## RECREATION LEADERSHIP

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Raymond J. Archer, C.T.R.S., Recreation Therapist, Stony Brook University Hospital; Adjunct Instructor, St. Joseph's College

Jack Fass, C.L.P., Huntington Parks and Recreation Department

Elena Geonie, C.T.R.S., Senior Recreation Therapist, Kings Park Psychiatric Center

Robin Lombardo, C.T.R.S.; Consultant – United Cerebral Palsy; Adjunct Instructor, St. Joseph's College

## Eastern Campus

### CULINARY ARTS

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Shari Alexander, Editor, Long Island Wine Gazette

Mark Casaburi, President, At Your Service

Charles Connolly, Director of Enrollment Services, Suffolk County Community College

William F. Connors, Jr., Executive Dean, Suffolk County Community College

Jeanine Cosgrove, Vice President, At Your Service

Lenny DeFelice, President, Bar Boy Products

Kim Folks, Vice President, Wolffer Estates Vineyard

Roberta Gosman, Owner, Gosman's Dock

Steve Haweeli, President, Wordhampton Public Relations

Susan Hendee, Chair of Culinary Arts Department, New York Institute of Technology, Central Islip Campus

Mort Jacobowitz, President, Mort Jaye Associates

Todd Jacobs, Owner, Tierra Mar

John Kowalenko, Owner, Art of Eating

Silvia Lehrer, Educator and Author, Cookhampton

Ingrid Lemme, Director of Marketing, Gurney's Inn and Resort

Lou Manino, Chef/Instructor, BOCES-Harry B. Ward Technical Center

John Mazeo, Director, ARA Services

Christopher Palmer, Executive Chef, Palmers Restaurant

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## SCCC Alumnus Profile

### Marc Matyas, Class of 1993 Entrepreneur

Marc graduated from SCCC in 1993 with a 3.9 GPA and then transferred to Columbia University, where he received a General Studies Scholarship, was named to the Dean's List, and graduated *cum laude* in 1996. While he was a student, he also established a career that began in the restaurant industry, moved through the government and high-tech sectors, and has now come full circle to building and managing hospitality establishments in New York and London with the opening of Rooftop Management, Inc.

Shortly after graduating from Columbia, Marc moved from managing the Peninsula Hotel Spa in New York to serving as deputy director in the Strategic Business Division of the New York Empire State Development Corporation. There he identified and secured over \$19 million in government incen-

tives for private and public companies and non-profit organizations which helped retain and create over 3,500 jobs.

Next, Marc moved into e-commerce technology. Between 1999 and 2002 he launched two successful software companies, eAssist Global Solutions and Audium Corporation, and then moved to the U.K. to become the international business development manager for Scan Mobile, Inc., a provider of mobile application and server technology.

Upon returning from Europe in 2002, Marc founded Rooftop Management and is in the process of opening NoLIta House, a New York City "community-centric" restaurant that serves contemporary comfort foods prepared from local and seasonal products. He is NoLIta's executive chef and also manages its marketing and promotions, vendor relations, and business and community development.

Marc credits SCCC with giving him a strong start. "The staff at Suffolk sincerely cares about their students," he says. "They challenged me both academically and personally by providing the skills, direction and confidence necessary to realize my full potential."

## NOTES

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## NOTES

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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	851-6250
Academic Computing Lab	451-4211	548-2612	851-6556
Academic Skills Center/Tutoring	[See Learning Centers below]	548-2594	851-6795
Admissions	451-4022	548-2512	851-6718
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/Placement	451-4049	548-2672	851-6876
Children's Learning Center (child care)	451-4388	N/A	851-6517
Compliance Office	451-4705	451-4705	451-4705
Continuing Education (non-credit courses)	451-4892	451-4892	451-4892
Cooperative Education/Internships	451-4049	548-2672	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	451-4058	548-2586	451-4058
Disability Services	451-4091	548-2556	851-6250
Distance Learning/Online Courses	451-4091	548-2607	851-6770
Educational Opportunity Program (EOP)	451-4356	548-3646	851-6774
E-mail Accounts for Students	451-4211	548-2612	851-6556
Emergency Public Safety	451-4242	548-2573	851-6777
Employment on Campus			
Administration and Faculty	451-4207	548-2564	851-6520
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
Foreign Language/ESL Lab	451-4161	N/A	851-6847
General Information	451-4110	548-2500	851-6700
Graduation	451-4566	451-4011	451-4011
Health Services (nurse)	451-4047	548-2510	851-6709

	<i>Ammerman Campus</i>	<i>Eastern Campus</i>	<i>Grant Campus</i>
Honor Societies	451-4375	548-2522	851-6833
Honors Program	451-4778	548-2592	851-6833
Identification Cards (IDs)	451-4044	548-2536	851-6777
In Case of Accident	451-4047 451-4242	548-2510 548-2573	851-6709 851-6777
Insurance for Students	451-4047	548-2510	851-6709
Job Bank	451-4049	548-2527	851-6876
Learning Centers/Tutoring Math Reading Writing	451-4002 451-4162 451-4150	[See Academic Skills Center Above]	851-6795
Library	451-4170	548-2536	851-6740
Lost and Found	451-4242	548-2573	851-6889
Multicultural Affairs	451-4375	548-2635	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	548-2524	851-6250
Public Safety Booth	451-4242	N/A	851-6777
Public Safety Office	451-4584	548-2573	851-6889
Registration/Registrar	451-4004	548-2502	851-6780
Scholarships	451-4044	548-2525	851-6760
Senior Citizens Registration	451-4004	548-2502	851-6780
Student Government	451-4375	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	548-2582	851-6778
TDD/TTY for the Deaf	451-4041	548-2699	851-6255
Theatre	451-4163	548-2522	851-6589
Transcript Review (adjust academic average)	451-4091	548-2560	851-6522
Transcripts, Requests for	451-4011	548-2502	851-6780
Transfer Credit Evaluation	451-4035	451-4035	451-4035
Transferring from SCCC	451-4053	548-2527	851-6250
Vehicle Registration	451-4086	548-2546	851-6777
Veterans Educational Benefits	451-4005	548-2505	851-6780
Withdrawal from Courses/College	451-4004	548-2502	851-6780

# 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, outdoor track and field

Women: basketball, bowling, cheerleading, cross country, softball, swimming, tennis, outdoor track and field, volleyball

Intramural sports

**Student Services/**

**Student Life:**

Educational, Career, Transfer and Personal Counseling

Disability Services

Career Services, Cooperative Education, Internships

Children's Learning Centers (child care)

Student Newspaper and Literary Publications

Theatre Productions, Musical Performances, Art Exhibits

Films, Lectures, Concerts, Trips

50 clubs

**Academic  
Support**

**Services:**

Learning Labs for Mathematics, Computers, Reading, Writing

Tutorial Services

Assigned Faculty Advisor

**And More...**

Small Class Size Averaging 22 Students

Low Student/Faculty Ratio of 18:1

Accessible Faculty

Honors Program

English as a Second Language (ESL) Program

Transfer Opportunities

Joint Admission Agreements

Unified Transfer Programs of Study

One of the leading community colleges in the nation in producing Phi Theta Kappa All-USA Academic Team members

*more information on inside front cover*

# CATALOG 2004-2006

**Suffolk**  
COUNTY COMMUNITY COLLEGE

533 College Road  
Selden, New York 11784-2899

A unit of the State University  
of New York

