LaGuardia’s Enhanced Semester

LaGuardia’s unique academic calendar consists of two "enhanced" 18-week semesters. Each semester has two sessions: a 12-week session and a 6-week session. Each session is followed by an exam period.

This structure provides students greater flexibility and choice in designing their programs. It also maximizes the number of credits they can earn each semester, giving students the option of earning their Associate’s Degree on an accelerated schedule. It is highly recommended that students attend both the 12-week and the 6-week sessions.

In order to attend classes offered during the 6-week term, degree students on financial aid must register for those classes during the 12-week registration period.

Below is a chart illustrating both the Fall and Spring semesters, including dates for each session, as well as when final exams occur.

<table>
<thead>
<tr>
<th>2005 Fall Semester</th>
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<tbody>
<tr>
<td><strong>12-Week</strong></td>
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<tr>
<td>Session One</td>
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<td>Exam Period</td>
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<td><strong>Intersession</strong></td>
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<tr>
<td>6-Week</td>
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<td>Session Two</td>
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<td>Exam Period</td>
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<th>2006 Spring Semester</th>
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<tr>
<td><strong>12-Week</strong></td>
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<td>Exam Period</td>
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<td>Exam Period</td>
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- Inside Back Cover
LaGuardia Community College stands as an example of the power of ordinary individuals to make extraordinary things happen.

Every college has something special to brag about. For LaGuardia Community College, it is the quality of our faculty and staff, and the diversity of our students. So many students come from so many different places to study together (over 150 different countries at last count) that we call ourselves The World's Community College. Being The World's Community College is not just a statement about who we are, it's a statement about who we aspire to be. Our goal is to educate leaders for a global workforce and a global citizenry. That means education at LaGuardia Community College must maintain the highest quality.

LaGuardia Community College is the best place to think globally and act locally. Whether it is in creating a piece of software or writing a play, understanding how to do calculus or understanding how to do physical therapy, students at LaGuardia Community College bring a world's perspective to their studies.

LaGuardia graduates are well prepared to face the challenges of our complex world. LaGuardia is the doorway through which students pass to many more achievements. For example, students use their research experience in National Science Foundation labs to become scientists, their co-op internship in accounting to secure a great job while they complete their CPA, their musical experience to compose great jazz, or their work with a local high tech industry to become an entrepreneur.

We hope for more from our students than achievement in the world of scholars and business, however. We intend to provide experiences for our students to continue to grow as human beings, whether that means enrolling their children in our day care center, or providing community service activities through the social organizations in Queens. LaGuardia Community College students enter the world prepared for life.

The best part of LaGuardia Community College is you – our next student! As we build a great institution, we welcome great students who will challenge the faculty and staff. We use our outstanding alumni to inspire the next generation of students. We welcome immigrant students to use the College as a gateway to their family and friends so that they, too, can succeed in life. We welcome the returning adult student who never thought college was for them, as well as the student just graduating from high school. Together, the rich mix of people, ideas and projects makes LaGuardia Community College outstanding. We welcome you to the campus.

Sincerely,

Dr. Gail O. Mellow, President
LaGuardia Community College of The City University of New York is named for Fiorello H. LaGuardia, New York City’s New Deal mayor, who united and inspired a city of immigrants. Located at a transit hub that links Queens, the most ethnically diverse borough, with the world center of finance, commerce and the arts, the college provides access to higher education and serves New Yorkers of all backgrounds, ages and means. LaGuardia Community College is committed to:

- Offering career, as well as liberal arts and science curricula, developmental education and transfer preparation, cooperative education internships, continuing education classes, and training programs serving individuals, businesses and public agencies;

- Responding creatively to changes in student population, technology, and the global economy;

- Providing extensive support services and opportunities for the needs of a highly diverse student population;

- Upholding high standards through a focus on program assessment and innovative approaches to teaching and learning;

- Maintaining a dedicated, highly qualified faculty and staff;

- Preparing students to become full participants in the economic and civic life of the city, the nation, and the world;

- Cultivating partnerships with business, community groups, government, and public schools to enhance the economic, social, cultural, and educational development of Western Queens and New York City.

* * *

LaGuardia Community College is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools.
LaGuardia At a Glance

Conveniently located in Queens, New York City’s most rapidly growing and ethnically diverse borough, LaGuardia Community College is also just minutes away from Manhattan and Brooklyn by subway and bus.

The college is 1 of 13 national Institutions of Excellence designated by the Policy Center on The First Year of College. Only 1 other community college in the country received this distinction.

LaGuardia is also 1 of the Top 3 large community colleges in the country, according to a recent national survey.

LaGuardia vs. Senior (4-year) Colleges
• Many of our degree programs are designed for immediate job placement after graduation.
• By attending LaGuardia for the first 2 years of their Bachelor's Degree, students can save up to $30,000+ in senior college tuition.
• LaGuardia graduates transfer to private and public senior colleges at a significantly higher rate than the national average.
• Recent graduates have transferred to some of the country's most elite institutions, including Yale, Columbia, Cornell, Barnard, Vassar, Georgetown and Mt. Holyoke.
• Our Transfer Services Center is available to help students research and decide on their best career and education path after LaGuardia.

LaGuardia offers:
• 34 Degree Programs and 3 Certificate Programs
• A nationally renowned Internship Program
• Highly distinguished faculty
• An Honors Program
• Evening and Weekend classes
• Free Tutoring Labs
• Small class size
• Academic, Career and Personal Counseling
• Faculty, staff and student mentors
• Strong support to help ensure student success
• Exchange and Transfer Programs with Columbia University, Barnard and Vassar Colleges.
• Study Abroad opportunities in over 30 countries
• A Transfer Services Center
• A Performing Arts Center
• A 6-lane NCAA regulation size swimming pool, Fitness Center, and intramural team sports.
• On-campus childcare facilities and a Kindergarten-2nd Grade School
• An enhanced semester structure that allows students to accelerate to their Associate Degree, saving time and money.
Tuition
As part of The City University of New York, LaGuardia has the lowest college tuition in New York City.
- Interested students can sign up for a monthly payment plan.
- Over 60% of our students qualify for Financial Aid.
- The Office of Student Financial Services encourages all LaGuardia students to use their services. All students, even those who aren't U.S. citizens, NY state residents or eligible non-citizens, can access resources and information to help them search for and secure financing for their education.
- Students can pay via check, money order, cash (do not mail), Mastercard, and Visa.

We encourage prospective students to meet with our Office of Student Financial Services to discuss their financial needs when filing an Admission application to LaGuardia.

Admission
Applicants who have a high school diploma, General Equivalency Diploma (GED), or foreign secondary education credentials equivalent to a U.S. high school diploma are eligible for admission to LaGuardia. The SATs are not required. However, if you've already taken them, your scores may exempt you from LaGuardia’s placement tests, which are given after you've been admitted to the college.

Your Transition to College
LaGuardia's award-winning First Year Experience orients new students to college life and the support services that help them set personal, educational, and career goals.

For entering students with basic skills needs in math, reading or writing, the college has several options including: an intensive Pre-Freshman “Quick Start” program, Intra-semester workshops, and non-credit Basic Skills classes during the academic year.

Our student body hails from 150 countries and speaks more than 100 languages. We are the future of America. At LaGuardia, you'll meet people from your own background as well as people from countries you may have only read about before.

Internships
LaGuardia was the first community college in the United States to develop a student internship program. Internships provide students with opportunities to learn through practical experiences in the workplace.

Specifically, they allow you to:
- Explore career options and gain work experience in your desired career field. You'll make contacts and learn from people who currently work and are successful in those industries.
- Apply classroom learning in real world situations—reinforcing new information at the same time you're learning it.
- Practice and strengthen your interpersonal and technical skills.

Honors Program
Our Honors Program for highly motivated students includes Student Exchange and Transfer Programs with Columbia University, Barnard and Vassar Colleges, Study Abroad opportunities, the Phi Theta Kappa Honor Society, the Alpha Beta Gamma Business Honor Society, and the Dean’s List.

Technology & E-Portfolio
LaGuardia is committed to helping students learn to use effectively multiple technologies. Through an ePortfolio, students save work from different courses and activities into their electronic portfolios and then select their best work for display in a personal web space. By also creating a digital/online resume, students have a wealth of materials available to showcase for potential employers and senior colleges.

Leadership & Diversity Program
Open to all students, this program shapes our future leaders through community service activities, organizational leadership sessions and skills development workshops. Students develop leadership skills and participate in situational challenges, while embracing and capitalizing on the cultural diversity of our community.
Admission, Tuition and Financial Aid

◆ Pre-Admission Counseling
The Admissions Office of LaGuardia Community College encourages prospective students to meet with an Admissions Counselor regarding their higher education goals. The counselor will help students examine their objectives, evaluate the requirements of the programs offered at LaGuardia, and discuss career opportunities. Students may learn about the many informational sessions conveniently scheduled in the afternoon, evening and on Saturdays by calling (718) 482-5935. The Admissions Office is located in the Main Building, M-147. The Pre-Admissions Chatroom has been designed for those prospective students who would like the opportunity to discuss their educational and career goals with an Admissions Counselor, but are unable to come into the college.

◆ How to Apply
Students may apply for freshman, transfer or non-degree status. When students apply, they choose which program they want to enter. Most majors offer both a day and an extended day (evening and Saturday) program. All applicants admitted as day students will participate in the college’s career internship requirement. In general, the career internship requirement is optional for most extended day students. Once registered, students cannot change their day or extended day status. However, regardless of students’ day or extended day program, they can register to take classes at any time.

Where to Request an Application
Freshmen and transfer students may apply on-line by visiting: http://www.applyto.uapc.cuny.edu
Undergraduate freshman and transfer application
Admissions Office
LaGuardia Community College
31-10 Thomson Avenue, M-147
Long Island City, New York 11101
(718) 482-5935
Admissions@laguardia.cuny.edu
CUNY Office of Admissions Services
1114 Avenue of the Americas, 15th Floor
New York, New York 10036
(212) 997-CUNY
www.cuny.edu
Non-degree application
www.laguardia.cuny.edu/Admissions/applynondegree/
Admissions Office
LaGuardia Community College
31-10 Thomson Avenue
Long Island City, New York 11101
Applications
Admission to LaGuardia is open to individuals with a high school or General Equivalency Diploma (GED) diploma. In addition to the application form applicants must submit all secondary school transcripts and/or score reports for the GED diploma and any previous college transcripts.
Undergraduate freshman applications
Students who have never attended a college, university, or postsecondary institution since graduating from high school or receiving its equivalent (a GED) should file a freshman application. Applicants must submit a high school diploma and transcript or their equivalent, a GED and scores.
Neither a high school certificate nor an I.E.P. diploma is acceptable. Applicants who earned a United States Armed Forces Institute Diploma must submit proof of having earned a minimum score of 225 or 2250 on the GED examinations.
Current high school seniors in New York City public schools and in some parochial schools should contact their high school college advisor to receive a personalized City University of New York (CUNY) application. All others can acquire applications at the locations listed above. The application fee for freshmen is $65.00.
Undergraduate transfer application for admission
Students who have attended a college, university or postsecondary institution, either in the U.S. or outside the U.S., since graduating from high school or receiving a GED should file a transfer application. Applicants must submit a high school transcript and diploma or GED and scores and an official college transcript from each college attended.
To be eligible for advanced standing, students should have been matriculated with good academic standing at their home college. In addition, they are required to meet CUNY standards of retention as a condition for admissions. The application fee for transfer is $70.00.
Non-degree application for admission
This application is used for both freshman and transfer students who are applying to LaGuardia as a non-degree student. A non-degree student is defined as a student who enrolls for individual courses but is not enrolled in a specific curriculum or major. The student is not working toward a degree.

Applicants who wish non-degree status should apply directly to the Admissions Office at LaGuardia Community College, room M-147, or www.laguardia.cuny.edu/Admissions/applying.asp

This application should not be sent to the University Application Processing Center. Applications must be completed by the deadline; check with the Admissions Office for dates. Non-degree registration is on a space available basis each semester. Non-degree students must have a minimum of a high school diploma or equivalent (GED and scores) and are not eligible for financial aid.

The application fee for non-degree is $65.00.

Students should only complete one of the three available applications. Students are responsible for filing the correct application. Failure to file the correct application will result in a delay in processing for admission and additional fees. Be certain to read the instructions carefully and submit all necessary documentation. Students educated outside the U.S. should refer to CUNY’s “Information for International Undergraduate Applicants” for further application instructions.

Immunization
The State of New York requires all students born on or after January 1, 1957, to present proof of immunity against measles, mumps, and rubella (MMR). Acceptable proof of immunization must include two doses of measles vaccine and one dose of mumps and rubella vaccine. All students, both degree and non-degree, who register for six or more tuition units must comply with this law. Additionally, all colleges are required to distribute information about meningococcal meningitis and vaccination to all students enrolled regardless of age. Students are required to submit a signed response form (Meningitis Response Form) to demonstrate receipt of meningococcal disease and vaccine information or a record of the immunization within the past 10 years.

Students who are not in compliance with the all immunization requirements will be excluded from classes and given an administrative withdrawal grade for all classes. Free measles, mumps, and rubella immunization clinics through the Health Services Office are offered periodically throughout the year to accommodate the students’ obligations. Further information is available from the Admissions Office, M-147, the Health Services Office, MB-40, and the New York City Department of Health.

University Testing Policies and Procedures
As part of the admissions process at LaGuardia, students are required to demonstrate their competence in Reading, Writing, and Mathematics.

In Reading and Writing, students can do this four ways:
1. Have earned a bachelor’s degree from an accredited institution;
2. National tests: students who score above 480 on the SAT Verbal portion or 20 or above on the ACT Verbal portion demonstrate competence in reading and writing.
3. New York State Regents examinations in English: students who achieve a grade of 75 or better demonstrate competence in reading and writing.
4. CUNY Basic Skills Test in Reading and Writing: students who do not offer appropriate scores on the SAT, ACT, or New York State Regents in English are scheduled to take the University’s Basic Skills Tests.

The CUNY/ACT Basic Skills Tests in Reading and Writing have three parts:
1. An untimed computer-based Reading Skills test;
2. A 60-minute Writing Sample, an essay.

In Mathematics, students can do this four ways:
1. Have earned a valid bachelor’s degree from an accredited institution;
2. National tests: students who score above 480 on the SAT or 20 or above on the Mathematics portion demonstrate competence.
3. Earn a grade of 75 or more on the New York State Regents examination in Sequential Math 2 or 3 or Math A or B.
4. Take the untimed CUNY Skills Assessment Program Math Test and score a 27 or better on the first two parts.

Students who do not demonstrate competence in these areas are placed in appropriate Reading, Writing, ESL, or Math classes based on the results of the CUNY/ACT Assessment Tests. At the end of the sequence of remedial courses in Reading, Writing, and Mathematics, students are given an opportunity to take the tests again to demonstrate their competence. Students are urged to pass all three tests or demonstrate competence in all three areas in any of the above ways in order to be able to transfer to any of the CUNY senior colleges.

Students who hold a bachelor’s degree are exempt from skills testing, however, bachelor degree holders who have been educated in a language other than English will be required to test in Reading and Writing only. Placement in remedial or development courses as a result of these tests will be considered part of the student’s graduation requirements.

The college and the university will communicate to all students what, if any, tests are required for placement. All students must test or provide appropriate documentation of exemption or of tests scores. Failure to do so will delay admission and registration for classes. Students may only test once prior to the semester in which they were accepted.

University Proficiency Examination (The CPE)
The CUNY Proficiency Exam requires students to demonstrate their competence in aspects of academic literacy that the CUNY faculty considers important for success in upper-division studies. All LaGuardia students are required to take and pass it before they can graduate. Students with a previously earned bachelor’s degree from an accredited institution are exempt.

Students are allowed three attempts to pass the CPE. Students are required to take the test for the first time in the semester in which they have registered for their 45th credit.

The CPE tests skills you will develop through your coursework: reading and interpreting texts; organizing and presenting your ideas and connecting them to other ideas and concepts; writing clearly and effectively; interpreting and evaluating materials in graphs and charts.

The exam consists of two tasks:
Task 1: Analytical Reading and Writing (2 hours). You will be asked to write a focused comprehensive analysis essay drawing on a long reading you have been given prior to the test and a shorter reading you will be given the day of the test.

Task 2: Analyzing and Integrating Material from Graphs and Text (1 hour). You will be given a set of materials that includes two graphs or charts and a short reading text. You will then be asked to state the main claims of the reading and discuss how the charts or graphs do or do not support that text.

Detailed information about the test, previous versions for review and information about how to prepare for it are available in the college’s Testing Office.
Advanced Standing through Prior Learning Assessment

Evaluation of Prior College-level Learning
LaGuardia offers many opportunities for students to obtain academic credit for courses, credentials, and life experience. Students may earn up to 30 credits toward their LaGuardia degree.

Transfer Credits and Transcript Evaluation:
Transfer students admitted to degree or certificate programs may transfer to LaGuardia credits earned at other accredited colleges or universities either in the U.S. or the equivalent outside the U.S. for courses that are comparable to those offered at LaGuardia. Transfer credits are evaluated by the Transfer Credit Office, C-107, prior to or during the first semester of attendance in a degree program at LaGuardia. The maximum number of credits to be granted toward the degree is 30 and 10 toward a certificate. Transfer or freshmen status is chosen by the student at the time of application and cannot be changed after a student registers at LaGuardia.

In general, for courses to be transferred, a grade of C or better must have been earned or, if taken at another unit of CUNY, a grade of D or better must have been earned. Students have the option of requesting that a course not transfer to LaGuardia so the course may be repeated here. Students are cautioned that they must make satisfactory academic progress as a condition of financial aid. Repeated courses do not count in cumulative totals of credits completed to meet financial aid requirements.

Students admitted to Nursing, Veterinary Technology, Physical Therapy Assistant, or Occupational Therapy Assistant programs will be awarded credit for transferable courses with earned grades of A, B, C, or D from any accredited college. All courses on the approved course list for each of these majors from their program handbooks will transfer unless a student specifically requests in writing for a course not to transfer so it may be repeated here. Requests can be filed with the Transfer Office in room C-107.

Transfer credits for "clinical" courses: Nursing, Occupational Therapy Assistant, Physical Therapy Assistant, and Veterinary Technology clinical phase courses will not be awarded. These departments follow the general transfer policies in all other ways.

Transfer credits in cooperative education: Transfer credit may be granted for cooperative education courses completed at another college. The number of credits transferred may not exceed three. The chairperson of Cooperative Education makes the determination of equivalency. All students with "day" status at the time they enroll must complete cooperative education requirements to graduate. Some students with "evening" status must also complete cooperative education requirements dependent upon major.

Transfer credits in English: Transfer credits may be awarded for college-level English courses taken at post-secondary institutions in the U.S. and English-speaking countries. Results of the City University of New York’s ACT placement exam affect the transferability of English courses. English credits are not awarded for a college-level English course taken at post-secondary institutions in countries where English is not the primary language.

Transfer credits in foreign languages: Students who have taken an elementary level foreign language course at another institution and wish to receive transfer credits must complete an intermediate level course before transfer credit will be awarded.

Transfer credits in health education: Transfer credit may be granted for coursework in health education taken at other institutions of higher education. The Natural and Applied Sciences Department will be responsible for approving transfer credits in health education.

Transfer credits in mathematics: Transfer credit will be awarded for the equivalent of statistics, pre-calculus or better provided the student has met LaGuardia’s passing standard on the math skills assessment test. Those students with a math skills assessment test score below our minimum standard will be required to take remedial courses in order to receive transfer credit for their prior math courses unless a waiver of the remedial course is granted by the Mathematics Department.

Transfer and the New Student Seminar (formerly called Freshmen Seminar): The New Student Seminar provides an orientation to LaGuardia, a forum for academic planning and advisement, and teaches skills imperative to academic success. All students are required to complete the New Student Seminar during their first semester at LaGuardia. Transfer credit will not be awarded for another school’s orientation course.

Transfer credits in religious studies: Transfer credit may be granted for theological or religious courses where those courses come under the heading of philosophy. The chairperson of the Humanities Department shall make this decision.

Transfer credits in remediation: Transfer credit will not be granted for any remedial, developmental level, or ESL courses previously taken at another college. Based on test results, LaGuardia may require students to retake basic skills courses passed elsewhere. Missing or failing skills assessment test scores could delay or prevent you from receiving a complete evaluation. This is why it is imperative for all students, including transfer students, to take the ACT placement exams, or if the student is transferring from another unit of CUNY, to submit passing placement test scores or retest at the time of admission to LaGuardia. See the Test Policy section to determine if you meet any of the requirements for exemption.

If you have any questions about your transfer credit evaluation, please visit room C-107 or call (718) 482-6103.

Standardized Examinations:
The College offers a variety of ways to obtain credits through standardized examinations.

The College Board: LaGuardia is a member institution of the College Entrance Examination Board participating in both the Advanced Placement and CLEP programs.

Advanced Placement: Students presenting scores of 3 or above will receive appropriate credit. To be awarded credit, an official score report must be sent to LaGuardia Community College, Office of Admissions.

College Level Examination Program: Credit is granted at the discretion of individual academic departments in conjunction with the Transfer Credit Office. Check with the Transfer Credit Office, C-107, or call (718) 482-6103 prior to registering for an exam for more information or to obtain a brochure. To be awarded credit, the student must be matriculated, earn a score deemed passing by the American Council on Education, and have an official score report sent to LaGuardia Community College (code 2246).

Evaluation of Noncollegiate Educational Programs (pre-evaluated training, credentials, certificates, and licenses): Credit may be granted for formal courses and educational programs sponsored by non-collegiate organizations such as work-related courses and formal military training recognized by the National Program on Noncollegiate Sponsored Instruction (PONSI). For details on what is available, you can visit www.nationalponsi.org

Exemption credit:
Exemption credit from any credit course offered at LaGuardia may be granted on the basis of an examination or a project equivalent to the final requirement of the course. Equivalencies are determined by the faculty of the appropriate department and must be approved by the chairperson. To receive credit by exemption, the student should apply to the appropriate chairperson or designee.

The maximum number of exemption credits that can be counted towards a LaGuardia degree is 10. These 10 exemption credits may be applied toward LaGuardia’s 30-credit residency requirement for a degree; a maximum of 6 credits may be applied toward a certificate.

Veteran’s credit for military service:
Veteran’s enrolled in degree programs (matriculated) who have been honorably discharged from the United States Military may qualify for unrestricted elective credit. The veteran must have been in active service for
more than 90 days and must have completed at least one semester at LaGuardia Community College with a cumulative GPA of 2.00 or higher. Unrestricted elective credits will be awarded based on length of active service according to the following scale:

- less than 3 months = none
- 3 months through 12 months = 2
- 12 months through 24 months = 4
- 25 months or more = 6

Veterans who qualify under the above-mentioned guidelines should present Form DD214 to the Enrollment Services Center, C-107, for review.

◆ Special Learning Opportunities

LaGuardia offers a number of special learning opportunities to students prior to starting college, during their college careers as well as during the summer.

Prior to College

Opening Sessions for New Students

All incoming students are invited to be part of the Opening Sessions learning experience. During this day-long event, students are engaged in presentations, a variety of workshops, and a tour of the college. Each Opening Session has a Freshman Theme with common readings from articles and a required book used in their first semester. Students will have a chance to meet with faculty and fellow students through group discussions.

University Summer and Winter Immersion Programs (USIP / UWIP)

The immersion programs are designed for newly admitted students prior to their first semester. They provide an opportunity for students to get a head start on their college experience by taking a basic skills course, receiving tutoring, and meeting with counselors. The program offers courses in the areas of English, ESL, Reading and Math. In addition there are also prep, critical thinking, and learning strategies classes.

The immersion programs are coordinated by the Office of Academic Collaborative Programs and Services. For further information call (718) 482-5408 or stop by room M-311.

During College

Learning Communities

The college offers several types of Learning Communities throughout the academic year: Academy Clusters, New House, and Liberal Arts.

These communities are thematically linked together by faculty who have created the courses. The learner is engaged to make connections across disciplines. Learning communities provide learners with an enriched experience as well as a supportive and friendly environment. The Academy Clusters and New House communities are reserved for new students during their first semester. The Liberal Arts Clusters are for students who have reached the ENG101 level and who will major in the Liberal Arts AA program.

For further information contact the Office of Academic Collaborative Programs and Services at (718) 482-5408 or in room M-311.

Bridges to the Future Program

The Bridges to the Future Program provides opportunities for minority students to gain research experience in science, mathematics or computer science areas. Working closely with faculty mentors, students execute challenging research projects, attend unique research student seminars, and receive specialized counseling and other support services. In addition to research, the program facilitates transfer of community college students to further study in biomedicine and the sciences.

College Discovery Program

The College Discovery Program, available at CUNY’s community colleges, provides eligible students with concentrated and specialized counseling, remedial instruction, tutorial services and financial aid stipends for educational expenses.

In accordance with the state education law and CUNY policies, students are eligible for admission to the College Discovery Program if they meet the following criteria: They

- are economically disadvantaged,
- graduated from an approved high school or attained a New York State high school equivalency diploma (GED) or their equivalent,
- did not previously attend a college or university, and
- resided in New York City for at least one year prior to the first day of classes.

Program services include a special new student orientation session, a New Student Seminar section devoted specifically to CD students, individualized counseling as well as specialized CD counseling groups, workshops and tutorials.

Note: Applicants for the College Discovery Program will only be considered if they complete the College Discovery portion of the City University Undergraduate Freshman Application at the time they make initial application to the university.

College Discovery certification is determined by completing financial aid forms: the Free Application for Federal Student Aid (FAFSA) and the Financial Aid Supplemental Information Request (FASIR).

CUNY COPE Program

The College Opportunity to Prepare for Employment, CUNY-COPE, is a collaboration between the City University of New York (CUNY) and the City of New York Human Resource Administration (HRA) that provides career/education and support services to CUNY students receiving public assistance.

The goals of CUNY-COPE are to see that public assistance recipients graduate from CUNY schools more quickly, that their retention is improved, and that, ultimately, they find employment.

The COPE Program offers a variety of services that help students meet college degree goals and HRA requirements so that they can graduate and get jobs that will lead to long-term economic self-sufficiency.

COPE services include: academic and personal counseling; assistance with registration, career planning and course scheduling; assistance with accessing appropriate childcare and transportation needs; preparing for HRA appointments, meeting workplace requirements; tutoring; job preparation and job placement; information mailings and seminars.

HRA provides training related expenses (TREs) to COPE Program participants to assist with transportation and child care expenses. In order to remain eligible for TREs, participants must be full-time students, attend college 100% and make satisfactory progress towards their degree.

COPE Program Job Placement Services include: assistance with resume preparation; full or part-time job openings in wide variety of fields (focused and related to career path); interview and career preparation; meeting employers, seminars, workshops, job fairs; individual and group counseling.

A new component of the Program is a provision for job assistance and placement services to students who are not on Public Assistance, but have dependent children, and attend LaGuardia or other CUNY degree programs. For more information, students may visit the COPE Office, MB-13, or call (718) 482-5479.

CUNY BA/BS Program

Established in 1971, the CUNY Baccalaureate Program (CUNY BA/BS) is the only university-wide alternate degree program that allows students, working with faculty mentors, to design a program of study tailored to their unique individual academic interests and goals. Students may take courses at any of CUNY’s 17 colleges and at The Graduate School. The program is administered by The City University of New York Graduate Center.

The CUNY BA/BS Program accepts up to 68 transfer credits earned at a community college toward the 120 credits needed for the degree. Qualified LaGuardia students can be in the CUNY BA/BS Program at the same time they are taking courses at LaGuardia toward their associate’s...
degree. To be eligible for admission to the program students need 15 college credits and a GPA of at least 2.50. For further information contact the CUNY BA/BS campus coordinator at (718) 482-5395.

The Honors Program

The Honors Program is dedicated to providing an enriched educational experience to highly motivated students – day or evening, full- or part-time. The aim of the program is to equip honors students with the academic abilities and personal confidence needed to succeed at demanding public and private four-year colleges and universities. Honors students enroll in special sections of regular courses that have small class size, allowing maximum individual attention to each student and more give-and-take between students and instructors. These sections provide additional instruction in reading complex texts, thinking critically, and writing gracefully and analytically. Students are guided in independent research, oral debate, and the creative examination of ideas. The use of primary source material and information literacy and research skills are also emphasized. Each semester, Honors courses are offered in a variety of departments. Participants in the Honors Program are required to have a GPA of at least 3.20 in 12 or more credits. Entering freshmen with a high school average of B+ (85) or better are also eligible to take Honors courses with permission. Students can participate in the Honors Program in two ways. They can enroll in any of the Honors courses and earn an “Honors” designation on the transcript after completing the course and a “Certificate of Completion” from the President. Or, if they are majoring in Liberal Arts, they can take fuller advantage of the Honors Program by taking seven Honors courses to graduate with an Honors Degree. Honors students are provided many benefits such as attending special transfer information sessions, visits to four-year colleges, honors receptions, guest lectures, special interlibrary loan privileges, and full use of the Honors House resources. For further information, students should contact the Honors Program Director in the Honors House, M-401, call (718) 482-5618, or visit the Honors Program web page at: www.laguardia.cuny.edu/honors.

LaGuardia AMP

LaGuardia AMP (Alliance for Minority Participation) is a participating institution of the New York City Alliance (NYC-AMP) program that is sponsored by a grant from the National Science Foundation. The LaGuardia AMP’s goal is to ensure long-term capacity to produce significantly greater numbers of minority students in science, mathematics, and engineering.

Full-time students who are citizens or permanent residents and are black, Hispanic, American Indian, Alaskan native, or native Pacific Islander are eligible for AMP research assistantships. Students are invited to apply based on academic performance and will be required to take part in an interview as part of the application process.

Financial support is provided for participation in this program. Stipends for students who transfer to a participating CUNY senior college will be continued.

For more information or to request an application, contact the LaGuardia activity coordinator, M-412 or call (718) 482-5412.

NASA’s Undergraduate Student Researchers Program

This program is funded by a grant from NASA to increase the presence of under-represented minority students and students with disabilities, who are U.S. citizens in the fields of science, mathematics, engineering, or computer science. Students awarded this prestigious scholarship receive financial support in the form of tuition assistance, stipend, books, and program related student travel (professional conferences and summer research experience).

Through the mentor program, a faculty member provides intensive individual academic counseling to each student. The mentoring involves monitoring each student’s academic progress (they must maintain at least a 3.0 GPA), providing them with academic counseling, exposing them to professional conferences and lectures, identifying and involving them in research activities, enhancing their confidence as scholars, and providing them with strong role models in their areas of concentration. During the summer, the students are required to participate in a research project. An example of a research experience has been with the Goddard Institute for Space Studies. Students have been engaged in research activities in the investigation of stratospheric aerosols in the atmosphere of Jupiter. They have had to analyze data transmitted from Jupiter by the Voyager spacecraft.

Supplemental Instruction

Supplemental Instruction, a non-remedial peer tutoring program available at the college since 1993, provides free tutoring in high-risk or difficult courses. Courses in biology, human biology, microbiology, calculus, statistics, and accounting have currently been targeted as Supplemental Instruction courses. These courses have a tutor or student leader assigned to them. This student, who has already successfully completed the course, attends all classes and arranges a minimum of three weekly group tutoring sessions. The sessions are designed to help students improve their grades. To date, the average grade of students who have participated in Supplemental Instruction is one-half to one full-letter grade higher than students who do not participate.

When registering for a course or receiving advisement, ask if there is a Supplemental Instruction session being offered. For additional information, please call (718) 482-5637.

Enriched Off-Campus Summer Programs

Exchanges

The Barnard-LaGuardia Intercollegiate Partnership Program is a component of the Hughes Science Pipeline Project at Barnard College aimed at identifying students to study science at Barnard or other senior colleges. Qualified LaGuardia students take part in a five-week co-educational residential program at Barnard. Students take two science courses which are team-taught by Barnard and LaGuardia faculty. Students who successfully complete the summer program are invited to take one science course at Barnard during the academic year.

The Vassar College “Exploring Transfer” Program is a five-week summer program designed to give qualified LaGuardia students the opportunity to explore their transfer opportunities while experiencing education at a four-year residential college. Students enroll in two interdisciplinary courses team-taught by LaGuardia and Vassar faculty, earning six academic credits. In addition, special transfer counseling is provided, as well as social and recreational activities. All expenses are paid for students. Since 1985 over 200 LaGuardia students have benefited from this award-winning program, going on to continue their education at outstanding colleges such as Vassar, Columbia, Yale, Middlebury, New York University, Clark, and Smith.

Study Abroad Program

The Study Abroad Program provides LaGuardia students with an opportunity to earn up to six academic credits during Spring Session II while gaining invaluable experience living in a country and culture different from their own.

Eligible students are invited to apply for study abroad where the City University of New York has summer programs. Most programs offer humanities and social science courses. Countries of destination include, but are not limited to, Denmark, Dominican Republic, Ecuador, England, Germany, Greece, Ireland, Puerto Rico, Senegal, and Spain. It is possible to do internships or clinical fieldwork abroad, depending on the student’s major and upon approval of the internships/clinical fieldwork advisor. Applications for study abroad are due by December 1st. The selection process takes place in January.

In order to apply for participation in the Study Abroad Program, students must:
1. have an overall G.P.A of 3.0 or higher;
2. have completed at least 24 credits;
3. have finished all basic skills requirements;
4. have completed all prerequisites for course/internship/clinical fieldwork to be done overseas;
5. be recommended by a faculty member;
6. go through the selection process.
For further information, students may contact the Director of the Study Abroad Program at (718) 482-5618.

◆ Articulation Agreements
LaGuardia has articulation agreements with over 32 public and private four-year colleges and universities. The Office for Academic Affairs has developed specific agreements that guarantee acceptance of LaGuardia credits when students transfer to these colleges after earning the Associate degree. At the time of printing, the following institutions have joined LaGuardia in articulation partnerships: Adelphi University, LaGuardia/Adelphi University Connection Programs, Antioch College, City College, Clarkson University, Cornell University, Gallaudet University, Hunter College, Hunter-Bellevue Nursing Program, John Jay College of Criminal Justice, Laboratory Institute of Merchandising, LaGuardia/C.W. Post, L.I.U. Transfer Programs, Manhattanville College, Marymount College (Manhattan, Tarrytown), New York City Technical College, New York University, Pratt Institute, Queens College, Shaw University, Springfield College School of Human Services, St. John's University, St. Joseph's College, School of Visual Arts, SUNY, College of Technology, SUNY, Health Science Center @ Brooklyn College, SUNY, Institute of Technology, Utica/Rome, SUNY @ Oswego, University of Turabo, Puerto Rico, Vassar, York College.

◆ Tuition and Fees

The Cost of Education
Cost is an important consideration for most students when they are deciding which educational program is best suited to their goals and aspirations.

The following information will help students calculate the cost of attending LaGuardia Community College. By performing some basic calculations, students can develop their own “student budget.”

Generally, a student budget consists of the direct educational-related costs of tuition, fees, books and supplies, as well as those costs which are incurred by virtue of attendance, such as transportation and lunch. In addition, all students have costs related to recreation and personal expenses.

Developing a Budget
Students who depend on some other person to provide a substantial portion of their support are generally defined as dependent students. For these students, the costs, defined below, represent the total out-of-pocket costs which result from college attendance.

For self-supporting students, who do not depend upon some other person for support, the out-of-pocket costs must be considered in addition to the regular cost of living, which students incur as a result of being dependent upon their own resources. A general description of these living costs is described below.

Typical Expenses
Following is an estimate of the educational-related expenses students are likely to incur for a twelve-month period. It is possible that during students’ internship semester, their salary may cover some expenses. Most students receive some form of financial assistance to help meet these expenses.

Dependent and certain independent students
Dependent students, those who receive assistance from family or other sources, can expect to pay $3,072 in annual tuition and fees. In addition, the following costs are estimated for the 2005-06 academic year: books and supplies $832, transportation $816, personal and lunch items $1,659, and room and board $2,520.

Independent students
Independent students and dependent students living away from home for 12 months during the 2005-06 academic year can expect the following expenses in addition to $3,072 tuition and fees: books and supplies $832, transportation $816, personal and lunch items $3,481 and room and board $7310.

◆ Tuition

All fees and tuition charges listed in the college catalog and in any registration material issued by the college are subject to change by action of the university’s Board of Trustees without prior notice. In the event of any increase in the fees or tuition charges, payments already made to the college will be treated as partial payments and notification will be given of the additional amount due and the time and method of payment. Tuition is the sum of monies per term or semester which is required to be paid or satisfied by students prior to the first day of classes in order for a student to be considered enrolled. Students who do not settle their tuition bill by the established college due date, will have their registration canceled the day after the due date.

In the event of an overpayment, the appropriate amount will be refunded. However, all students seeking refunds must complete a refund application before the refund process can begin. Tuition refund applications are distributed in the Enrollment Services Center, C-107. TAP and other refund applications, such as PELL, are distributed at the Bursar’s window, basement of the Main Building.

Tuition Per Semester
Students must pay their tuition and fees or clear their accounts on the day they register. Students’ financial aid may be used to cover all or part of the total amount due.

New York City residency
To qualify, students must have made New York State their principal place of abode for at least 12 consecutive months and resided in the City of New York for at least 6 consecutive months immediately prior to the first day of classes. New York State residents who are not city residents must obtain a Certificate of Residence from their County Treasurer prior to registering. A new Certificate of Residence is required each school year.

New York City/New York State residents
Full-time matriculated students (12-18 tuition units) $1400.00/semester
Part-time matriculated students (fewer than 12 units) $120.00/unit
Non-degree students $160.00/unit
Non-state residents, foreign students, and undocumented students
Full-time and Part-time matriculated students $190.00/unit
Non-degree students $250.00/unit
Senior citizens (minimum age: 60 years old)
(Enrollment on space available basis)
Tuition waived
Student Fee $70.00

CUNY BA/BS Program students
Tuition and student activities fees for all students in the CUNY Baccalaureate Program are billed for and collected by the Bursar at their home college. Students are billed according to the fee schedule in effect at their home college.

Permit students
All tuition and student activities fees are payable to the “home” college in accordance with its fee schedule. No additional payment of tuition or fees is required at the college where the course is taken.

Tuition waivers
Staff members of City University, including professional staff, instructional staff, and Gittleson employees (with six months of employment prior to the first day of classes), are permitted to enroll in undergraduate courses on a space available basis, tuition free.
Withdrawals and the Return of Title IV funds

Tuition refunds are computed according to the date that the student drops a course or courses. Refund applications are available in the Enrollment Services Center, C-107. In cases of Medical Leave of Absences, the refund is computed according to the effective date of the leave. Non-instructional fees are non-refundable, except when courses are cancelled by the college, a student’s registration is cancelled by the college, or if the student enters military, Peace Corps or Vista service.

Students who drop courses from their record during the Change of Program period are entitled to a refund according to the following schedule:

<table>
<thead>
<tr>
<th>Session</th>
<th>Fall and Spring</th>
<th>12-week Session</th>
<th>6-week Session</th>
<th>Semester</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100%</td>
<td>75%</td>
<td>50%</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td>On or before the first day of classes.</td>
<td>Within 6 calendar days after the scheduled opening date.</td>
<td>Between the 7th and 12th calendar days after the scheduled opening date.</td>
<td>Beyond the 17th calendar day after the scheduled opening date.</td>
</tr>
<tr>
<td></td>
<td>50%</td>
<td>25%</td>
<td>None</td>
<td>Beyond the 12th calendar day after the scheduled opening date.</td>
</tr>
<tr>
<td></td>
<td>25%</td>
<td>None</td>
<td>None</td>
<td>Beyond the 12th calendar day after the scheduled opening date.</td>
</tr>
<tr>
<td></td>
<td>None</td>
<td>None</td>
<td>None</td>
<td>Beyond the 12th calendar day after the scheduled opening date.</td>
</tr>
</tbody>
</table>

Note: If the 6th, 8th, 12th or 17th day falls on a weekend, the refund period is extended to the next business day.

Military, Peace Corps and VISTA refunds

The following guidelines govern all applications for refunds for students withdrawing from the college for service in the military, Peace Corps or VISTA. Refund applications are available at the Bursar’s window.

Military service must be documented with a copy of induction orders or military orders. Service in the Peace Corps or VISTA must be documented with appropriate letters or other evidence.

No refund will be made for any course in which a student has been assigned a grade regardless of whether the grade is passing or failing.

If a student has enlisted in the armed services, the Peace Corps or VISTA, does not attend classes for a sufficient time to qualify for a grade, but continues in attendance within two weeks of induction, refund of tuition and fees, except for the application fee, will be made as follows:

Withdrawals before the fifth calendar week after scheduled opening of session, 100% refund; withdrawals thereafter, 50% refund.

TAP refunds

Students who have paid their full tuition prior to receiving award notification in the mail from the Tuition Assistance Program (TAP) are entitled, if in full attendance at the college, to a refund in the amount of the TAP award notification.

TAP refunds will be issued within 45 days after the college receives a certified TAP roster and from the State of New York. A postcard will be sent to each student entitled to a TAP refund with instructions on how and when to obtain this refund.

Other refunds

The regulations concerning TAP also apply to all other refunds to which a student may be entitled. As a general rule, however, the college will process non-TAP and non-tuition refunds within six weeks of the submission of the request at the Bursar’s window.

Withdrawals and the Return of Title IV funds

During the first 60% of the term, students earn Title IV funds in proportion to the time they are enrolled. If a student received more aid than he/she earned, the unearned portion must be returned to the Department of Education. If a student received less aid than the amount earned, he/she may be eligible for a late disbursement.

The portion of aid the student is entitled to receive is based on a percent-age by comparing the total number of days in the semester to the number of days completed before the withdrawal. For example, if you completed 20% of the semester, you would have earned 20% of your Title IV aid. If you received 100% of your Title IV aid, you would have to return the unearned portion. The regulation stipulates that the amount to be returned is to be shared by the college and the student in proportion to the aid that each possessed. The college’s share of the excess funds is the lesser of: the total amount of unearned aid or institutional charges multiplied by the percentage of aid that was unearned.

The college’s share is allocated to the Title IV programs as determined by statute. The student’s share is the difference between the total unearned amount and the college’s share. This is also allocated to the Title IV programs as determined by statute. The law provides that any amount that the student returns to a grant program be reduced by half. The amount to be returned is also considered an overpayment and must be returned within 30 days to the Department of Education. If the student does not repay the overpayment in full or make a satisfactory payment arrangement within 45 days from the date of notification, the student will become ineligible for future Title IV funds.

Students who remain enrolled beyond the 60% point of the term are considered to have earned all their aid and do not have to return any Title IV funds.

Non-Refundable Fees

Student fees

Fees are paid each semester of registration.

Full-time students (12 tuition units or more)

Student Activity Fee/$55

Consolidated Services Fee/$5

University Senate Fee/$.85

Technology Fee/$75

Part-time students (Less than 12 tuition units)

Student Activity Fee/$20

Consolidated Services Fee/$5

University Senate Fee/$.85

Technology Fee/$37.50

Senior citizens (60 or older)

Student Fee/$65

Consolidated Services Fee/$5

Non-instructional fees

Freshman Application/$65

Transfer Application/$70

Late Registration/$15

Program Change/$10

Transcript/$4 (Transcript sent free to CUNY. Cash or money order for all others.)

Readmission/$10

Reinstatement/$10

Penalty Fee for issuance of bad check/$15

Duplicate Diploma/$15

Duplicate ID/$10

Duplicate Bursar’s Receipt/Copy of Schedule/$5

Locker per year/$1

Special examination

First examination/$15

Each additional examination/$5

Maximum each quarter/$25

Reserve materials

First hour overdue/50¢

For the rest of the day/50¢

For each succeeding day/50¢ (to maximum of $10)

Lost or damaged materials
Waiver of Change of Program Fee

No Change of Program Fee will be charged if any one of the following conditions is met:

1. The college cancels or withdraws a course, whether or not the student substitutes another course;
2. The college changes the hours of the course or makes other substantive changes that provide the student with justification for a change;
3. The college requests that the student transfer from one section to another section of the same course; or
4. The college cancels the registration of the student for academic, disciplinary or other reasons.

Financial Aid

We make every effort to help students finance their LaGuardia education. The Office of Student Financial Services, MB-10, is staffed by professional counselors who assist students in securing financial aid. What follows are descriptions of state and federal programs that are available to eligible students. All students seeking financial aid must complete the Free Application for Federal Student Aid (FAFSA). If there is a question about eligibility to one of these programs, the student or prospective student should see a financial aid counselor. The Financial Aid Resource Center (MB58) is available to students who wish to file their FAFSAs online and/or receive important online information related to their financial aid. Students can also go to our website: www.lagcc.cuny.edu/financialaid or email us at FinancialAid@lagcc.cuny.edu or contact us by telephone, (718) 482-7218.

Federal Pell Grants

Application Procedures: The complete application takes at least six weeks to process. A processed Student Aid Report (SAR) will be sent to the applicant. The amount of the applicant’s award is determined from the SAR by the Office of Student Financial Services. Upon enrollment, funds are paid directly to the applicant or applied to the student’s tuition bill. All forms can be obtained online at our website www.lagcc.cuny.edu/financialaid.

Selection of Recipients and Allocation of Awards: The Federal Pell Grant is an entitlement program. Eligibility and award amounts are based on need rather than academic achievement. The applicants must demonstrate need and must attend their classes.

Financial need is determined by a formula applied to all applicants, annually by Congress. The Expected Family Contribution (EFC) is calculated by this formula.

Award Schedule: 2004-05 awards range from $200.00 to $2,025.00 per semester. The amount of the award will be affected by costs of attendance and full- or part-time enrollment status. The Federal Pell grant does not duplicate state awards.

Rights and Responsibilities of Recipients: Students must continue to make satisfactory academic progress in the degree program in which they are enrolled. Students must not owe any refunds on Federal Pell Grants or other awards paid, or be in default on repayment of any student loan.

The schedule of award payments is available at www.laguardia.edu/financialaid, and also in Student Financial Services (MB10).

Students must attempt 24 credits during the academic year in order to earn the full Federal Pell award. Therefore, enrollment status for Federal Pell will be as follows: full-time, 12 credits (or equivalent); 3/4 time, 9 through 11.5 credits (or equivalent); 1/2 time, 6 through 8.5 credits (or equivalent); and less than half time, 1.0 through 5.5 credits (or equivalent). Please see Schedule of Classes for more information.

Federal Supplemental Educational Opportunity Grants (FSEOG)

Selection of Recipients and Allocation of Awards: The applicants must: 1) have exceptional financial need and 2) be enrolled at least half-time.

Award Schedule: The awards can range from $400.00 to $800.00 in 2004-05.

Rights and Responsibilities of Recipients: The student must continue to make satisfactory academic progress, and meet all the requirements for the Pell Grant.

Federal Perkins Loan (FPL)

Selection of Recipients and Allocation of Awards: Loans are available to students enrolled at least half-time in approved post-secondary institutions. An online Pre-Loan Entrance and Exit Counseling is required. Log on to www.lagcc.cuny.edu/financialaid.

Award Schedule: Awards can range up to $3,000.00 for each year of undergraduate study. The total debt cannot exceed $15,000 as an undergraduate.

Rights and Responsibilities of Recipients: Continued eligibility is dependent on maintenance of satisfactory academic progress. The current interest rate of 5% is payable during the repayment process and begins nine months after graduation or leaving school and may extend over a period of 10 years. Payment is not required for up to three years of active U.S. military service or service in the Peace Corps, VISTA, or similar national program.

Federal Work-Study Program (FWS)

Selection of Recipients and Allocation of Awards: The applicant must be enrolled at least half-time.

Employment is reasonably available to all eligible students in the institution who are in need of financial aid. In the event that more students are eligible for FWS than there are funds available, preference is given to students who have greater financial need and who must earn a part of their educational expenses.

Award Schedule: The post-secondary institution arranges jobs on-campus or off-campus, with public or private non-profit agencies, such as hospitals, for up to 20 hours a week, based on the availability of funds.

Factors considered by the Office of Student Financial Services in determining whether, and for how many hours, the recipient may work under this program are: financial need, class schedule, and academic progress.

Level of salary in 2004-05 ranges from $6.00 to $7.00 per hour depending on the position.

Rights and Responsibilities of Recipients: Satisfactory academic progress must be maintained, and all the requirements of the Pell Grant must be met.

Federal Direct Loan Program

Application Procedures: Application is made through the Office of Student Financial Services by completing a Loan Origination Request Form. The applicant is required to file and receive a response from a FAFSA. An online Entrance Counseling for Borrower’s Quiz and the completion of a Direct Loan application are required. Log on to www.ed.gov/directloan/students.html to complete the online entrance counseling.

When the loan is approved, the student is required to e-sign the Master Promissory Note (MPN) with his/her Federal PIN. Students can request a PIN at www.pin.ed.gov.

Selection of Recipients and Allocation of Awards: To be eligible for a Federal Direct Loan, a student must be: 1) a U.S. citizen or permanent resident alien; and 2) enrolled in or admitted as a matriculated, at least half-time student.

Loan Schedule: The loan amounts vary and are based on class year: for
example, $2,625.00 during the student’s freshman year, $3,500.00 during the sophomore year, etc. All students are eligible to receive interest benefits on their loans unless they choose to waive them. Some students are eligible for a full interest subsidy on a subsidized loan during the time he/she is in school at least half-time, and for a following six month grace period before repayment must begin. An “Origination Fee” of 3% of the loan amount is subtracted. However, a 1.5% rebate is added back. This rebate is given on condition that the students make 12 consecutive, on-time payments.

Rights and Responsibilities for Recipients: Students may borrow at a relatively low interest rate (currently 3.37%) with no repayment as long as they remain enrolled at least half-time, and for six months after they cease to be at least a half-time student. Payment of principal may further be deferred during study under a graduate fellowship program approved by the U.S. Commissioner of Education, during up to three years as a full-time Peace Corps or VISTA or similar national program volunteer.

Six months after ceasing to be at least a half-time student, the borrower must make formal arrangements with the loan servicer to begin repayment. The following regulations apply:

1) Depending on the amount of the loan, the minimum monthly payment may be at least $50.00 plus interest. Under unusual and extenuating circumstances the loan servicer, on request, may permit reduced payments.

2) The repayment period varies and is dependent upon the repayment plan chosen. For example, the Standard Repayment Plan has a maximum period of ten years, and the Income Contingent Payment Plan has a maximum period of 25 years.

3) Repayment in whole or part may be made at any time without penalty.

Federal Direct Parent Loan for Undergraduate Students (FDPLUS)

FDPLUS enables either natural or adoptive parents of dependent undergraduate students to borrow per child up to the cost of education, for each academic year at federally approved schools. The amount borrowed in any year cannot be greater than the cost of going to school during that year, minus all other financial aid received for the period of the loan. Costs that may be covered include: tuition and fees, room and board, books, transportation, and an allowance for personal expenses. FDPLUS loans for which the first disbursement was made on or after July 1, 1993, have no aggregate loan limit. Interest rates are variable and change every July 1st. Repayment of the loan must begin within 60 days after the date funds are distributed. Borrowers have 10 years to repay. The loan servicer may charge an insurance premium of up to 4% on the loan principal. This premium is deducted from each loan disbursement. Application is made through the Office of Student Financial Services by completing a Loan Origination Request Form. Parents will be eligible for the same authorized deferments described in the Federal Direct Loan Program. The PLUS loan application may be obtained online at our website www.lagcc.cuny.edu/financialaid.

Veterans Benefits

The Office of Veterans Affairs, MB-10, provides a full range of counseling services for the veteran population. The Veterans Coordinator provides information regarding all of the benefits available to students and assists with any other problems encountered while attending the college. The programs available to veterans are:

Veteran Tutorial Benefits: To be eligible for tutorial benefits, veterans must be receiving monthly benefits on at least a half-time basis. A veteran is entitled to 12 months of tutorial benefits to a maximum of $100.00 per month.

Veteran Work Study: Veterans must be receiving full-time benefits to be eligible to work up to 750 hours per year. The hourly rate is $5.15. Placements are in areas which directly affect the student veteran population.

Vocational Rehabilitation: This is available to veterans who have at least a 20% disability rating from the Veterans Administration and includes payment for tuition, fees, and a monthly stipend. Full-time and part-time veteran students are eligible.

Benefits for Dependents of Veterans: There are numerous programs available to dependents of disabled veterans. For more information about these programs, please visit the Office of Veterans Affairs.

IMPORTANT NOTICE REGARDING MONTHLY VERIFICATIONS: You can now submit your monthly verification forms by touch-tone telephone at (877) 823-2378 (toll free) OR connect to our Internet site at www.gibill.va.gov and follow the link to the Web Automated Verification of Enrollment (WAVE) program. If your enrollment has changed during the month, you must verify your enrollment through the WAVE program.

If you want to use one of the methods above and do not want to receive verifications in the mail each month, call (888) GI-BILL-1 and the counselor will change your record to stop the mailing of paper verifications. You do, however, have to verify your enrollment each month in order to receive payment.

Veterans Administration Educational Benefits

Montgomery G.I. Bill—Active Duty (Chapter 30)

Application Procedure: Application forms are available at all VA offices, the Office of Veterans Affairs on campus, room MB-10, active duty stations and American embassies.

Eligibility Requirements: Individuals entering military service on or after July 1, 1985, have their basic military pay reduced by $100.00 a month for the first 12 months of their service, in order to be eligible for this educational assistance program. Individuals eligible for the Old G.I. Bill (Chapter 34) as of December 31, 1989, who meet certain eligibility criteria may also be eligible but do not have their basic pay reduced. Persons who, after December 31, 1976, received commissions as officers from service academies (e.g., West Point, the Naval Academy, etc.) or ROTC scholarship programs are not eligible for this program: Montgomery G.I. Bill—Selected Reserve (Chapter 1606, Title 10, U.S. Code).

Chapter 1606 of Title 10, U.S.C., Educational Assistance for Members of the Selected Reserve, is also referred to as the Montgomery G.I. Bill—Selected Reserve. Since July 1, 1985, DVA has held benefit payment responsibility, although the funding of educational assistance payments under this program is provided by the Department of Defense.

Monthly Rates: The rates of educational assistance allowance payable under Chapter 1606 for pursuit of a program of education are:

- $288.00 per month for full-time pursuit,
- $216.00 per month for three-quarter time pursuit,
- $143.00 per month for half-time pursuit.

Entitlement/Monthly Rates: Active duty for 3 years or 2 years active duty plus 4 years in the Selected Reserve or National Guard entitles an individual to $1004.00 a month basic benefits for 36 months or the equivalent in part-time training. If an individual’s initial obligated period of active duty is less than 3 years which is not followed by service in the Selected Reserve, the basic educational assistance benefit is $753.00 monthly for 36 months (or the equivalent in part-time training). There is also a targeted, discretionary kicker of up to an additional $400.00 available to persons whose skills are critical to the military (e.g. Army College Fund, Navy Sea College Fund programs).

Academic Requirements for Federal Aid (Title IV)

Federal regulations stipulate that a student at LaGuardia Community College may remain eligible to receive Title IV assistance upon achieving at least a “C” average, or its equivalent according to the college’s retention policy, and accumulating credits toward the degree according to the following standards:

1. A student’s earned credits are equal to or greater than two-thirds of the credits the student has attempted at the institution;
2. The credits a student has attempted are not more than 150% of the credits normally required for completion of the degree.

If the standard in 1 is not met, eligibility may be retained by meeting the following conditional standard:
3. The credits the student has earned are equal to or greater than 87.5% of the total amount of credits attempted minus 21.

Students who fail to meet the conditional status will lose Title IV eligi-
eligibility. They may file a Financial Aid Waiver Appeal through the Academic Standing Committee. The decision of the committee is final.

Special Value Courses: To be eligible to receive Title IV, you must, according to federal guidelines, be “making significant progress toward your degree,” meaning that you must be earning credits at a sufficient rate. The federal guidelines for achieving full-time status in a semester do allow students to remain full-time without using the “special value” tuition units, Title IV programs will not pay for any additional “special value” courses. For example, if you register for Basic Writing 099 and Math 095, those two courses count for a total of 10.0 “special value” tuition units. If those units are used in calculating your Title IV award for the semester, you will have 20.0 “special value” tuition units remaining in your account.

If, however, you register for other, “non-special value” courses which make you full-time without using the “special value” tuition units, you would still have 30 “special value” tuition units in your account.

Once you have used up your 30 “special value” tuition units, you can only receive Title IV money for “non-special value” courses. Any future awards will be based on the credit values of regular courses only. It is therefore to your advantage to try to take “special value” courses along with regular courses, if you have met the prerequisites.

Note: Although ESL courses are listed as “special value” courses, those courses do not count toward the Title IV maximum.

Probation: Students who do not meet the college’s minimum grade point average (GPA) will be placed on academic probation. They will be given one semester to achieve the minimum grade point average that was required before they were placed on probation. During this probationary period students who make satisfactory academic progress will continue to maintain their academic standing with the college and their concurrent eligibility for financial aid.

Additional Regulations: For Federal Pell awards, students not yet 24 years old by January 1 must prove their independence if they claim to be independent of their parents. They must also have unusual circumstances which must be documented.

Students are reminded that attendance is a requirement for receiving financial aid. Failure to attend classes could result in a reduction or loss of financial aid. If students charge tuition and/or books and do not attend classes, they are still liable for the costs and will be billed accordingly.

Permanent residents who have not had their status confirmed by INS must also submit a copy of their permanent resident card. Students who have an I-94, with the following endorsements, are no longer eligible for Federal Pell, Federal Work-Study, FSEOG or Federal Perkins:

- both parents deceased, disabled or incompetent;
- receiving public assistance other than Aid as a Dependent Child (ADC) or food stamps;
- ward of a court;
- unable to ascertain parents’ whereabouts;
- unable, due to an adverse family situation, to submit parents’ income;
- married on or before December 31, 2002.

Undergraduate students may generally receive TAP awards for four years of study. Students enrolled in approved five-year programs may receive awards for more than a total of eight years of undergraduate and graduate study.

Award Schedule: The amount of the TAP award is scaled according to level of study, tuition charge, and net taxable income. The income measure is the family’s (or independent student’s) New York State net taxable income, and (for dependent students) support from divorced or separated parents. This income is further adjusted to reflect other family members enrolled full time in post-secondary study.

Part-Time TAP Program (PTAP)

Many students in the past, because of family and/or employment obligations, could not attend college full time. Part-time students may be eligible for assistance from New York State.

A student is eligible for participation in the CUNY Part-Time TAP (PTAP) pilot program if he/she meets the following criteria:

- Satisfies all program requirements for Tuition Assistance Program awards except the full-time attendance requirement;
- Enrolled as a first-time freshman at CUNY during the 1998-99 academic year or thereafter;
- Earned at least 24 credits at The City University of New York by the time of the receipt of the award;
- Has a cumulative grade-point average of at least 2.00; and
- Is enrolled for at least 6 but less than 12 semester hours, or the equivalent, in an approved undergraduate degree program.

Contact the Office of Student Financial Services to see if you qualify.

Aid for Part-Time Study (APTS)

Application Procedures: Application is made through the Office of Student Financial Services by completing the APTS application. This program is opened to eligible students who meet income requirements and who are taking 6.0 to 11.5 credits. Since funds are restricted, applicants are advised to apply early.

Child of Veteran Award

The Child of Veteran Award is a financial aid program for children of veterans who are deceased, disabled, or missing in action as a result of service.

A Child of Veteran awardee can receive up to $450.00 each year without consideration of income or tuition costs. The award may be granted for four years of full-time undergraduate study (or for five years in an approved five-year bachelor’s degree program).
The combined Child of Veteran Award and TAP award can never exceed the amount of tuition charges.

For further information contact NYSHESC (see TAP application procedures) and request a Child of Veteran Award Supplement.

**Child of Deceased Police Officer/Firefighter Award**
The Child of Deceased Police Officer/Firefighter Award is a financial aid program for children of police officers, firefighters, and volunteer firefighters who died as a result of injuries sustained in the line of duty.

A recipient of a Child of a Deceased Police Officer/Firefighter Award can receive up to $450.00 per year without consideration of income or tuition costs. The award is granted for four years of full-time undergraduate study (or for five years in an approved five-year bachelor’s degree program).

The combined Child of Deceased Police Officer/Firefighter award and TAP award can never exceed the amount of tuition charges.

For further information contact NYSHESC (see TAP application procedures) and request a Child of Veteran Award Supplement.

**College Discovery (CD)**

*Application Procedures:* Application is made by completing the appropriate section of the admission form available from the Admissions Office, M-147, and returning the form to the University Application Processing Center of The City University of New York. The free application for Federal Student Aid (FAFSA) and CUNY’s TAP application must also be completed. Students must be registered as full-time students.

*Award Schedule:* The amount of financial assistance and other support provided to CD participants is dependent on need as determined by the CUNY Office of Student Financial Assistance and/or the individual college CD programs, within State Guidelines.

**Nursing Scholarships**

These scholarships are awarded by the Senate Education Department (SED) based on national test (ACT, SAT) scores. Scholarships may be granted for four years of full-time undergraduate study (or for five years in an approved bachelor’s degree program.) For further information, contact the Office of Student Financial Services, MB-10.

**Persian Gulf Veterans Tuition Award**
The Persian Gulf Veterans Tuition Award (PGVTA) provides up to $1,000 per semester for full-time study or $500 per semester for part-time study to Persian Gulf veterans matriculated in an undergraduate (or graduate) degree-granting program in New York State. A student must have served in the U.S. Armed Forces in the hostilities that occurred in the Persian Gulf from August 2, 1990, to the end of hostilities as evidenced by receipt of the Southwest Asia Service Medal which was awarded from August 2, 1990, to November 30, 1995.

*Application Procedures:* Complete a FAFSA, a CUNY TAP application (if full time), and a Persian Gulf Veterans Tuition Award Supplement.

For further information and applications, contact NYSHESC.

**Vietnam Veterans Tuition Award**
The Vietnam Veterans Award (VVTA) Program provides financial aid to veterans who served in Indochina between January 1, 1963, and May 7, 1975. Awards are available for full- and part-time study in both undergraduate degree and certain vocational programs.

Full-time awards are $500.00 per semester or full tuition, whichever is less, and are available for four years of full-time study (or for five years in an approved five-year bachelor’s degree program.) The applicant is required to apply for an Associate Degree program and are limited to six semesters of eligibility. The combined TAP and VVTA cannot exceed tuition.

For further information contact NYSHESC and request a Vietnam Veterans Tuition Award Supplement.

**Note:** Due to legislative and budgetary constraints, any of the above information is subject to change.

**Academic Requirements for State Aid**

When you receive your TAP award letter, this is an estimate that will be applied to your tuition at registration. Each semester the TAP Certifying Officer reviews your academic record to determine if you are eligible to receive the TAP award based on academic progress and pursuant to rules and regulations established by the State Education Department.

In order to maintain eligibility for state aid, there are three major requirements that students must meet. They are outlined below.

1. **Students** must be registered as full-time students. In the Schedule of Classes, there is a chart called, “Am I a Full Time Student?” Students should check each semester at registration to be sure they are registering for a full-time program.

2. **Students** must be registered for courses required for their major.

3. **Students** must be making satisfactory academic progress toward their degree. In each semester that they wish to receive an award, they must meet the following standards in the semester prior to the current payment: a) Successfully pass a specified number of credits (see chart below), and b) Achieve a grade point average at a specified minimum level (see chart below).

<table>
<thead>
<tr>
<th>To be eligible for payment #</th>
<th>Your total earned credits must equal</th>
<th>Your average (GPA) must be at least</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-2</td>
<td>0</td>
<td>0.00</td>
</tr>
<tr>
<td>3</td>
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<td>1.00</td>
</tr>
<tr>
<td>4</td>
<td>18</td>
<td>1.20</td>
</tr>
<tr>
<td>5</td>
<td>31</td>
<td>2.00</td>
</tr>
<tr>
<td>6</td>
<td>45</td>
<td>2.00</td>
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<tr>
<td>7</td>
<td>60</td>
<td>2.00</td>
</tr>
<tr>
<td>8</td>
<td>75</td>
<td>2.00</td>
</tr>
</tbody>
</table>

4. **Students** must have completed courses in the prior semester at the rate shown below:

<table>
<thead>
<tr>
<th>To be eligible for payment #</th>
<th>You must complete this % of the courses you take</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>0%</td>
</tr>
<tr>
<td>2-3</td>
<td>50%</td>
</tr>
<tr>
<td>4-5</td>
<td>75%</td>
</tr>
<tr>
<td>6-10</td>
<td>100%</td>
</tr>
</tbody>
</table>

In addition to the academic requirements described, students must also meet certain residency requirements, citizenship requirements, and financial program criteria. For a full explanation of these regulations, students should contact the Office of Student Financial Services.

Every semester, all students’ records are reviewed in the Office of Student Financial Services to see if they are meeting all of the academic TAP regulations. If they have met all of the conditions outlined above, they will be eligible to receive the next payment. Students who do not meet the criteria will be decertified for the following semester. Students may, however, file an appeal through the Academic Standing Committee. The decision of the committee is final.

**Peter Vallone Scholarship**

*Selection of recipients and allocation of awards*

New York City high school students who graduated with at least a “B” average and enroll in the City University of New York system within a year of their high school graduation are eligible for this scholarship. Students must file a FAFSA, enroll full-time and maintain a “B” average for continued eligibility in the program.

Students enrolled at LaGuardia Community College must be registered in an Associate Degree program and are limited to six semesters of eligibility. Students must also have accumulated 39 credits by the end of their
fourth semester in order to receive the award for the remaining two semesters.

Award schedule
Each year the amount of the award is dependent on the program appropriation in the annual city budget. Awards for the 2004-05 academic year are $1,000.00 ($500.00 per semester).

World Trade Center Scholarship
In response to the September 11, 2001, attacks, the State of New York is offering assistance to cover the cost of a four-year CUNY undergraduate education, including tuition, fees, and allowances for room and board, books, supplies and transportation. To qualify, applicants must be (1) severely disabled victims of the 9/11 attacks; or (2) children or spouses of severely disabled or deceased victims. Applicants need not be a resident of New York, a U.S. citizen nor a permanent resident of the United States. This scholarship covers four years of study (five years of study in programs approved by the NYS Commissioner of Education). Come to the Office of Student Financial Services (MB-10) for more information or visit www.students.hesc.com to download the application form.
LaGuardia Community College provides its students with a wide range of learning opportunities in the areas of personal growth, academic achievement and career preparation. To meet these goals, the college has created a variety of academic programs. For students who are uncertain about their career goals, LaGuardia has excellent Liberal Arts programs.

The college offers programs leading to three degrees: the Associate in Arts (AA), the Associate in Science (AS), and the Associate in Applied Science (AAS). In addition, the college offers three Certificate programs. The programs of study include:

**Associate in Arts**
- AA/BS Program in Liberal Arts/Childhood Education
- AA/BA Program in Liberal Arts/Secondary Education
- Education Associate: The Bilingual Child
- Human Services: Child Development
- Human Services: Gerontology
- Human Services: Mental Health
- Liberal Arts: Social Sciences and Humanities
  - Deaf Studies Option
  - International Studies Option
  - Labor and Community Organizing Option
  - Latin American Studies Option
  - Media Studies Option
  - Theater and Communication Option

**Associate in Science**
- Business Administration
- Computer Science
- Dietetic Technician
- Engineering Science
  - Civil Engineering
  - Electrical Engineering
  - Mechanical Engineering
- Fine Arts
- Liberal Arts: Mathematics and Science
- Occupational Therapy Assistant
- School Foodservice Management

**Associate in Applied Science**
- Accounting
  - Joint Accounting/Computer Option
- Administrative Assistant
- Business Management
- Business Finance Option
- Entrepreneurship and Small Business Management Option
- International Business Option
- Commercial Foodservice Management
- Commercial Photography
  - Digital Photography Option
  - Fine Art Photography Option
- Computer Operations
  - Network Systems Administration Option
- Computer Technology
  - Telecommunications Option
- Emergency Medical Technician/Paramedic
- Microcomputer Systems and Applications
- Mortuary Science/Joint with American Academy/McAllister Institute
- New Media Technology
- Nursing
- Paralegal Studies
- Physical Therapist Assistant
- Programming and Systems
- Travel and Tourism
- Veterinary Technology

**Certificate Programs**
- Commercial Photography
- Practical Nursing
- Word Processing Specialist
The Accounting Program, coordinated by the Accounting and Managerial Studies Department, offers two courses of study leading to an Associate in Applied Science (AAS) degree.

The major objectives of the Accounting Program and the Joint Accounting/Computer Option are to provide students with a foundation in key conceptual, theoretical and procedural aspects of accounting and an understanding of their relevance to the functioning of various organizations.

Graduates of the accounting programs are employable in entry-level positions in the private business sector and in federal, state, and local governmental agencies. Graduates are also qualified to perform basic auditing and accounting functions on the staffs of public accounting firms. Although the AAS degree programs are designed for students with immediate career goals upon graduation, experience has shown that a significant percentage of accounting majors will continue their studies at a four-year college.

Students interested in acquiring proficiency in accounting and computer systems can register in the Joint Accounting/Computer Option. This option underscores the relevance of accounting and computers in contemporary society.

Students are able to complete internships from numerous job opportunities available through LaGuardia's Cooperative Education Department. These work experiences not only enable students to bridge the gap between classroom theory and practical applications in the business world, but also provide valuable experience for subsequent full-time employment.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on the basic skills requirements, see page 111.

Descriptions of courses in this major can be found on page 64.

### Accounting Curriculum: AAS Degree

#### Counseling
- New Student Seminar: 0 credits

#### English: 6 credits
- Composition | ENC 101: 3 credits
- Writing Through Literature ENC 102: 3 credits

#### Humanities/Social Science: 3 credits
- Liberal Arts Elective: 3 credits

#### Mathematics: 3 credits
- Elementary Statistics I | MAT 120*: 3 credits

#### Mathematics/Natural and Applied Sciences: 3 credits
- Liberal Arts Elective: 3 credits

(For Natural & Applied Sciences, select only course designations beginning with SCB, SCC, SCH or SCP.)

#### Accounting
- Accounting/Managerial Studies: 26 credits
  - Principles of Accounting I | AMA 111: 4 credits
  - Principles of Accounting II | AMA 112: 4 credits
  - Accounting Applications for the Microcomputer | AMA 130: 3 credits
  - Introduction to Business | AMM 101: 3 credits
  - Business Law | AMM 110: 3 credits
  - Select three of the following courses:
    - Intermediate Accounting I | AMA 201: 3 credits
    - Intermediate Accounting II | AMA 202: 3 credits
    - Cost Accounting I | AMA 210: 3 credits
    - Cost Accounting II | AMA 211: 3 credits
    - Individual Income Tax Procedures | AMA 150: 3 credits
    - Partnership and Corporation Tax Procedures | AMA 155: 3 credits
    - Internal Audit | AMA 220: 3 credits

- Computer Information Systems: 3 credits
  - Introduction to Computers and Their Applications | CIS 100: 3 credits

- Social Science: 3 credits
  - Select one of the following courses:
    - Introduction to Microeconomics | SSE 103: 3 credits
    - Introduction to Macroeconomics | SSE 104: 3 credits

- Cooperative Education: 6 credits
  - Fundamentals of Professional Advancement | CEP 121: 3 credits
  - Full-Time Internship | CEP 201: 3 credits
  - (Both Day and Extended Day students are required to take CEP 121.
    Extended Day students may take CEP 201 or an unrestricted elective course.)

- Liberal Arts Electives: 2 credits
  - (Any course in Communication Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences, or Social Science EXCEPT when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)

- Unrestricted Electives: 5 credits
  - Transfer students are advised to take liberal arts courses. Career students are advised to select courses from the Accounting/Managerial Studies Department.

One elective must be an urban study course.

**Note:**

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

**Total credits: 60**
### Joint Accounting/Computer Option

**Accounting/Managerial Studies: 20 credits**
- Principles of Accounting I AMA111 4
- Principles of Accounting II AMA112 4
- Accounting Applications for the Microcomputer AMA130 3
- Introduction to Business AMM101 3

Select one of the following pairs:
- Intermediate Accounting I AMA201 and Intermediate Accounting II AMA202 6
- or
- Intermediate Accounting I AMA210 and Intermediate Accounting II AMA211

**Computer Information Systems: 12 credits**
- Introduction to Computers and Their Applications CIS100 3
- Introduction to Visual Programming CIS109 3
- Database Concepts and Programming CIS250 3
- Introduction to Teleprocessing CIS260 3

**Cooperative Education: 6 credits**
- Fundamentals of Professional Advancement CEP121 3
- Full-Time Internship CEP201 3

(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)

**Liberal Arts Electives: 5 credits**
(Any course in Communication Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences or Social Sciences EXCEPT when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)

**Unrestricted Electives: 2 credits**

One elective must be an urban study course.

**Note:**
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

**Total credits: 60**

* Precalculus MAT200 or Calculus I MAT201 can be used to satisfy this degree requirement.

Note: Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
Administrative Assistant

The Administrative Assistant Program, which is coordinated by the Accounting and Managerial Studies Department, leads to an Associate in Applied Science (AAS) degree. This program prepares students for positions which require technical office skills and which may involve supervising office operations, interacting with customers or clients, and managing a billing system or budget. Graduates of this program will be capable of assisting their employers with business operations and engaging in independent decision-making based on relevant knowledge and experience.

This program includes coursework using current computer technologies. Graduates may qualify for certification examinations given by major software publishers to document their proficiency.

A graduate of this program may seek employment in a wide array of organizational settings. These range from a variety of small businesses to major corporations, and include health care providers, the financial sector and other service industries. It is the goal of the program to give the student well-rounded career preparation through comprehensive classroom and computer-laboratory instruction, supplemented with two internships.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the college placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 111.

Descriptions of courses in this major can be found on page 65.

Administrative Assistant Curriculum: AAS Degree

Counseling
New Student Seminar
English: 6 credits
Composition 1 ENG 101
Writing Through Literature ENG 102
Humanities: 3 credits
Oral Communication HUC101
Mathematics/Natural and Applied Sciences: 3 credits
Liberal Arts Elective
(For Natural & Applied Sciences, select only course designations beginning with SCB, SCC, SCH or SCP)
Social Science: 3 credits
Introduction to Sociology SSS100
Accounting and Managerial Studies: 30 credits
Essential Computer Skills AMO116
Word Processing I AMO155
Word Processing II AMO156
Business Communications AMO260
Principles of Accounting I AMA111
Accounting Applications for the Microcomputer AMA130
Introduction to Business AMM101
Business Law I AMM110
Electives (any Accounting and Managerial Studies Department courses) 6
Computer Information Systems: 3 credits
Introduction to Computers and Their Applications CIS100
Cooperative Education: 6 credits
Fundamentals of Professional Advancement CEP121
Full-Time Internship CEP201
(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)
Liberal Arts Elective Credits: 6 credits
(Any course in Communication Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences, or Social Science EXCEPT when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)

One elective must be an urban study course.

Total credits: 60

Notes:
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
The Business Administration Program, which is coordinated by the Accounting and Managerial Studies Department, leads to an Associate in Science (AS) degree. It is designed to provide a solid foundation for transfer to a senior college for those students intending to continue their education at the baccalaureate level immediately after graduation. A key objective of the program is to maximize transfer credit at senior colleges. Students who are interested in immediate employment upon graduation should find the Business Management program more suited to their needs, since it is designed to allow more flexibility in the selection of business courses.

Students enrolled in the Business Administration program will be able to complete internships from numerous job opportunities available through LaGuardia’s Cooperative Education Department. These work experiences enable the student to bridge the gap between classroom theory and practical applications in the business world and provide valuable experience for choosing a career and subsequent full-time employment.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the college placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 111.

Descriptions of courses in this major can be found on page 66.

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### Business Administration Curriculum: AS Degree

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Counseling</td>
<td>0</td>
</tr>
<tr>
<td>New Student Seminar</td>
<td></td>
</tr>
<tr>
<td>English: 6 credits</td>
<td>3</td>
</tr>
<tr>
<td>Composition I ENG 101</td>
<td></td>
</tr>
<tr>
<td>Writing Through Literature ENG 102</td>
<td></td>
</tr>
<tr>
<td>Humanities: 3 credits</td>
<td>3</td>
</tr>
<tr>
<td>Liberal Arts Elective</td>
<td></td>
</tr>
<tr>
<td>Mathematics: 3 credits</td>
<td>3</td>
</tr>
<tr>
<td>Elementary Statistics MAT120*</td>
<td></td>
</tr>
<tr>
<td>Natural and Applied Sciences/Physics: 3 credits</td>
<td></td>
</tr>
<tr>
<td>Liberal Arts Elective</td>
<td>3</td>
</tr>
<tr>
<td>Social Science: 6 credits</td>
<td>3</td>
</tr>
<tr>
<td>Select one of the following courses:</td>
<td></td>
</tr>
<tr>
<td>Introduction to Microeconomics SSE103</td>
<td></td>
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<tr>
<td>Introduction to Macroeconomics SSE104</td>
<td></td>
</tr>
<tr>
<td>Liberal Arts Elective</td>
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<tr>
<td>Accounting/Managerial Studies: 20 credits</td>
<td></td>
</tr>
<tr>
<td>Principles of Accounting I AMA 111</td>
<td>4</td>
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<tr>
<td>Principles of Accounting II AMA112</td>
<td>4</td>
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<tr>
<td>Introduction to Business AMM101</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Management AMM103</td>
<td>3</td>
</tr>
<tr>
<td>Principles of Marketing AMM104</td>
<td>3</td>
</tr>
<tr>
<td>Business Law I AMM110</td>
<td>3</td>
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<tr>
<td>Computer Information Systems: 3 credits</td>
<td></td>
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<tr>
<td>Introduction to Computers and Their Applications CIS100</td>
<td>3</td>
</tr>
<tr>
<td>Cooperative Education: 6 credits</td>
<td>3</td>
</tr>
<tr>
<td>Fundamental of Professional Advancement CEP121</td>
<td></td>
</tr>
<tr>
<td>Full-Time Internship CEP201</td>
<td>3</td>
</tr>
<tr>
<td>(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)</td>
<td></td>
</tr>
<tr>
<td>Liberal Arts Electives: 9 credits</td>
<td>9</td>
</tr>
<tr>
<td>(Any course in Communication Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences, or Social Science EXCEPT when noted as an unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)</td>
<td></td>
</tr>
<tr>
<td>Unrestricted Elective: 1 credit</td>
<td>1</td>
</tr>
</tbody>
</table>

One elective must be an urban study course.

**Total credits: 60**

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*Precalculus, MAT200, or Calculus I, MAT201, can be used to satisfy this degree requirement.

**Notes:**

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to insure maximum transferability of credits taken.
The Business Management Program, which is coordinated by the Accounting and Managerial Studies Department, leads to an Associate in Applied Science (AAS) degree. It is designed to lead to immediate employment upon graduation. However, it also provides an opportunity for those students who decide to continue their education to complete many of the requirements for a baccalaureate degree while at LaGuardia. Students in the Business Management Program will become acquainted with the various functional areas of business such as management, marketing, business law and accounting. In addition, students may choose from a wide array of business elective courses, which allows for more flexibility in meeting individual needs and interests.

The Business Management Program has three options in addition to the more general program described above. The Business Finance option is specifically designed to introduce the student to the function of commercial credit in today's business world. The program will examine the role of the credit department within a company and the career possibilities within the department. It will prepare students for entry-level positions in a credit department. Employment opportunities exist in manufacturing, banks, retail establishments and factoring firms.

The option in Entrepreneurship and Small Business Management is designed to give the student a comprehensive overview of the financial management of a small business, methods of evaluating entrepreneurial opportunities, and training in how to manage a small business.

The International Business option is designed to lead to employment and careers in firms which operate in the growing global marketplace. Graduates could be employed by import-export firms, banks, transportation companies and other firms directly or indirectly engaged in international trade. The option includes specialized courses focused on international aspects of marketing, finance and trade documentation. Study of a modern foreign language is required.

Students enrolled in the Business Management program will be able to complete internships from numerous job opportunities available through LaGuardia's Cooperative Education Department. These work experiences enable the student to bridge the gap between classroom theory and practical applications in the business world and provide valuable experience for choosing a career and subsequent full-time employment.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. Scores on the college placement test determine the particular courses students must successfully complete. For more information on basic skills requirements, see page 111.

Descriptions of courses in this major can be found on page 66.
### Business Finance Option

**Humanities/Social Science:** 3 credits  
**Liberal Arts Elective:** 3 credits  
**Accounting/Managerial Studies:** 29 credits  
- Principles of Accounting I (AMA 111) 4 credits  
- Principles of Accounting II (AMA 112) 4 credits  
- Introduction to Business (AMM 101) 3 credits  
- Principles of Finance (AMM 102) 3 credits  
- Principles of Management (AMM 103) 3 credits  
- Business Law I (AMM 110) 3 credits  
- Financial Statement Analysis (AMM 141) 3 credits  
- Accounts Receivable Financing (AMM 142) 3 credits  
**Liberal Arts Electives:** 2 credits  
(Optional course in Communications Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences, or Social Science, EXCEPT any noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)  
**Unrestricted Electives:** 2 credits  

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### International Business Option

**Humanities/Social Science:** 6 credits  
**Select two of the following courses:**  
- Introduction to Microeconomics (SSE 103) 4 credits  
- Introduction to Macroeconomics (SSE 104) 4 credits  
- Modern Language Elective* 3 credits  
- Modern Language Elective* 3 credits  
**Accounting/Managerial Studies:** 29 credits  
- Principles of Accounting I (AMA 111) 4 credits  
- Principles of Accounting II (AMA 112) 4 credits  
- Introduction to Business (AMM 101) 3 credits  
- Principles of Management (AMM 103) 3 credits  
- Business Law I (AMM 110) 3 credits  
- Principles of International Business (AMM 260) 3 credits  
- Export/Import Procedure and Documentation (AMM 261) 3 credits  
- Global Marketing (AMM 262) 3 credits  
- International Finance (AMM 263) 3 credits  
**Unrestricted Electives:** 1 credit  
* A 102-level Modern Language course must be completed before graduation credit is granted for a 101-level course. A language maintenance course (HUF/IR/K/S150) does not satisfy this degree requirement, but may be taken as an unrestricted elective.

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### Entrepreneurship and Small Business Management Option

**Humanities/Social Science:** 3 credits  
**Liberal Arts Elective:** 3 credits  
**Accounting/Managerial Studies:** 29 credits  
- Principles of Accounting I (AMA 111) 4 credits  
- Principles of Accounting II (AMA 112) 4 credits  
- Introduction to Business (AMM 101) 3 credits  
- Principles of Management (AMM 103) 3 credits  
- Business Law I (AMM 110) 3 credits  
- New Venture Creation* 3 credits  
- Entrepreneurial Financing* 3 credits  
- Strategic Entrepreneurial Growth* 3 credits  
- Profile and Prospects of New York City Business (AMM 195) 3 credits  
**Liberal Arts Electives:** 2 credits  
**Unrestricted Elective:** 1 credit  
* New course to be developed.

---

### Total Credits: 60

For all options, one elective must be an urban study course.

**Notes:**

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
Commercial Foodservice Management

www.lagcc.cuny.edu/programs/aas/cfm.asp

The Commercial Foodservice Management Program, offered through the Natural and Applied Sciences Department, leads to an Associate of Applied Science (AAS) degree. The program provides coursework in food preparation, menu planning, sanitation and safety, purchasing, management and personnel administration. Through the cooperative education component of the program, students apply classroom learning to practical work experience in the foodservice industry. Additional support courses include food microbiology, accounting, advanced foods and nutrition.

The foodservice industry is the third largest employer in the country. The industry anticipates it will need at least 250,000 new employees per year in the next decade. Program graduates are qualified for entry-level middle management trainee positions in large-scale foodservice enterprises such as food catering businesses, cafeterias, fast food outlets and vending machine operations. Areas of employment include purchasing, sanitation and safety management, personnel supervision and food production management.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on the basic skills requirements, see page 111.

Descriptions of courses in this major can be found on page 93.

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### Commercial Foodservice Management Curriculum: AAS Degree

#### Counseling
New Student Seminar: 0

#### English: 6 credits
Composition 1 ENG 101: 3
Writing Through Literature ENC 102: 3

#### Humanities: 3 credits
Oral Communication HUC101: 3

#### Mathematics: 3 credits
Liberal Arts Elective: 3

#### Natural and Applied Sciences: 7 credits
Foods Microbiology SCB160: 4
Introductory Nutrition SCD200: 3

#### Social Sciences: 3 credits
Choose one of the following courses:
Any history course except SSN183, SSN199, SSN240: 3
Cultural Anthropology SSA101: 3
U.S. Power and Politics SSP101: 3
Political Ideas and Ideologies SSP250: 3
General Psychology: 3
Introduction to Sociology SSE100: 3
Introduction to Microeconomics SSE103: 3
Introduction to Macroeconomics SSE104: 3

#### Accounting/Managerial Studies and Computer Information Systems: 10 credits
Principles of Accounting I AMA111: 4
Principles of Management AMM103: 3
Select one of the following courses:
Personnel Administration AMM121: 3
Introduction to Computers and Their Applications CIS100: 3

#### Foodservice Management: 18 credits
Foods SCD100: 3
Quantity Food Production SCD250: 3
Foodservice Sanitation and Safety SCD251: 3
Quantity Food Purchasing SCD252: 3
Foodservice Administration SCD253: 3
Advanced Foods SCD205: 3

#### Cooperative Education: 6 credits
Gateway to the Workplace CEP100: 1
Part-time Internship CEP151: 2
Full-time Internship CEP201: 3

#### Liberal Arts Electives: 4 credits
(Any course in Communication Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences, or Social Science EXCEPT when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)

One elective must be an urban study course.

**Total credits: 60**

### Notes:

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
Commercial Photography

www.lagcc.cuny.edu/programs/aas/comp.asp

The Commercial Photography Program, offered through the Humanities Department, leads to both an Associate in Applied Science (AAS) degree, and/or a one-year certificate.

The one-year Certificate curriculum emphasizes basic and intermediate photography skills and is an excellent introduction to commercial laboratory techniques. It is particularly suited to individuals interested in seeking employment in a commercial photography lab. Students will learn to process color transparencies and color negative film, and print color photographs using professional automated equipment. In addition to color photography, the curriculum involves the student in intensive traditional black-and-white photography techniques including photo chemistry, lighting, mathematics, and basic techniques of the commercial photographer.

The two-year AAS degree program is designed to train and qualify graduates for entry-level positions in the commercial photography industry. The first year of the program is almost identical to that of the certificate curriculum. In the second year, the student concentrates on advanced concepts and techniques of commercial photography, including 4x5 camera, electronic flash and tungsten illumination. The program also offers two additional paths of study, in addition to the traditional Commercial Photography Program: the Digital Photography and Fine Art Photography Options.

Digital Photography Option:
Electronic imaging has affected the field of commercial photography dramatically. It has become a new field with new skills required of the commercial photographer. These skills include a familiarity with, and ability to work with “digital imaging” (electronic imaging). The Digital Photography option is designed for:
1. The professional already working in the commercial photography industry, who desires to upgrade his/her skills in digital photography and electronic imaging;
2. The continuing education student who is exploring educational and/or career options in preparation for matriculation at a later date or an entry-level position in commercial photography;
3. The recent commercial photography AAS degree or certificate holder who wants additional in-depth study.

Fine Art Photography Option:
The Photography Program, in conjunction with the Fine Arts degree program, also offers a Fine Arts Photography option within the Commercial Photography degree. This option is not only a counterpoint to the specifically commercial nature of the photo degree, certificate, and Digital option, but is a response to overwhelming interest in photography as an art form shown by inquiring students in both majors. The Fine Arts option focuses on traditional techniques, their integration with digital technology, and the development of the conceptual building blocks required to make a fine art statement.

The New York metropolitan area is the very center of commercial photography. LaGuardia Community College takes advantage of its location by placing AAS degree students in required internships. This provides excellent “hands-on” experience within the actual field itself to complement students’ on-campus studies.

Students will also receive essential information on business practices, self-promotion, portfolio development, and how to secure employment as either a photographer’s assistant or staff photographer. Additional courses focus on content, such as color theory, computer art (graphics, necessary as an introduction to digital imagery), two-dimensional design and photojournalism. This AAS degree is also an excellent vehicle through which to transfer to a variety of four-year colleges with professional programs in photography.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on basic skills requirements, see page 111.

Descriptions of courses in this major can be found on page 86.

Commercial Photography Curriculum: AAS Degree

| Counseling | 0 |
| English: 6 credits | 3 |
| Composition I ENG101 | 3 |
| Writing Through Literature ENG102 | 3 |
| Humanities: 12 credits | 6 |
| Speech Elective | 3 |
| History of Photography HUA202 | 3 |
| Select two of the following courses: | 6 |
| Introduction to Design HUA104 | 3 |
| Color Theory HUA115 | 3 |
| Introduction to Computer Art HUA125 | 3 |
| Mathematics: 3 credits | 3 |
| Liberal Arts Elective | 3 |
| Natural and Applied Sciences: 3 credits | 3 |
| Topics in Chemistry SCC101 | 3 |
| Social Science: 3 credits | 3 |
| Select one of the following courses: | 3 |
| Any history course except SSN183, SSN199, SSN240 | 3 |
| Cultural Anthropology SSA101 | 3 |
| Introduction to Anthropology SSA100 | 3 |
| U.S. Power and Politics SSP101 | 3 |
| Political Ideas and Ideologies SSP250 | 3 |
| General Psychology SSY101 | 3 |
| Introduction to Sociology SSY100 | 3 |
| Introduction to Microeconomics SSE103 | 3 |
| Introduction to Macroeconomics SSE104 | 3 |
| Commercial Photography: 24 credits | 3 |
| Beginning Photography HUA130 | 3 |
| Intermediate Photography HUA230 | 3 |
| Studio Lighting I HUA145 | 3 |
| Studio Lighting II HUA245 | 3 |
| Color Photography HUA234 | 3 |
| Color Darkroom Techniques HUA235 | 3 |
| Commercial Photography Workshop HUA275 | 3 |
| Commercial Photography Seminar HUA280 | 3 |
| Cooperative Education: 6 credits | 3 |
| Fundamentals of Professional Advancement CEP121 | 3 |
| Full-Time Internship CEP201 | 3 |
| (Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.) | 3 |
| Liberal Arts Electives: 3 credits | 3 |
| (Any course in Communication Skills, English, Human Services, Humanities, Liberal, Mathematics, Natural and Applied Sciences, or Social Science EXCEPT when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.) | 3 |

One elective must be an urban study course. Total credits: 60

Notes:
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to insure maximum transferability of credits taken.
### Digital Photography Option

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Counseling</td>
</tr>
<tr>
<td>3</td>
<td>Composition I ENG 101</td>
</tr>
<tr>
<td>3</td>
<td>Writing Through Literature ENG 102</td>
</tr>
<tr>
<td>3</td>
<td>Humanities: 12 credits</td>
</tr>
<tr>
<td>3</td>
<td>Speech Elective, usually HUC101 Oral Communication</td>
</tr>
<tr>
<td>3</td>
<td>History of Photography HUA202</td>
</tr>
<tr>
<td>6</td>
<td>Select two of the following courses:</td>
</tr>
<tr>
<td>3</td>
<td>Computer Art 2 HUA126</td>
</tr>
<tr>
<td>3</td>
<td>Computer Art 3 HUA127</td>
</tr>
<tr>
<td>3</td>
<td>The View Camera, Large Format Photography HUA155</td>
</tr>
<tr>
<td>3</td>
<td>Mathematics: 3 credits</td>
</tr>
<tr>
<td>3</td>
<td>Liberal Arts Elective</td>
</tr>
<tr>
<td>3</td>
<td>Natural and Applied Science: 3 credits</td>
</tr>
<tr>
<td>3</td>
<td>Topics in Chemistry SCC101</td>
</tr>
<tr>
<td>3</td>
<td>Social Science: 3 credits</td>
</tr>
<tr>
<td>3</td>
<td>Choose one course from the following three:</td>
</tr>
<tr>
<td>3</td>
<td>Cultural Anthropology SSA101</td>
</tr>
<tr>
<td>3</td>
<td>Introduction to Anthropology SSA100</td>
</tr>
<tr>
<td>3</td>
<td>U.S. Power and Politics SSP101</td>
</tr>
<tr>
<td>3</td>
<td>Political Ideas and Ideologies SSP250</td>
</tr>
<tr>
<td>3</td>
<td>General Psychology SSY101</td>
</tr>
<tr>
<td>3</td>
<td>Introduction to Sociology SSS100</td>
</tr>
<tr>
<td>3</td>
<td>Introduction to Microeconomics SSE103</td>
</tr>
<tr>
<td>3</td>
<td>Introduction to Macroeconomics SSE104</td>
</tr>
<tr>
<td>24</td>
<td>Photography/Digital: 24 credits</td>
</tr>
<tr>
<td>3</td>
<td>Computer Art 1 HUA125 (or portfolio waiver)</td>
</tr>
<tr>
<td>3</td>
<td>Beginning Photography HUA130 (or portfolio waiver)</td>
</tr>
<tr>
<td>3</td>
<td>Digital Photography I HUA131</td>
</tr>
<tr>
<td>3</td>
<td>Digital Photography II HUA132</td>
</tr>
<tr>
<td>3</td>
<td>Intermediate Photography HUA230</td>
</tr>
<tr>
<td>3</td>
<td>Alternative Photography: The Manipulated Image HUA238</td>
</tr>
<tr>
<td>3</td>
<td>Commercial Photography Workshop HUA275</td>
</tr>
<tr>
<td>3</td>
<td>Commercial Photography Seminar HUA280</td>
</tr>
<tr>
<td>6</td>
<td>Cooperative Education: 6 credits</td>
</tr>
<tr>
<td>3</td>
<td>Fundamentals of Professional Advancement CEP121</td>
</tr>
<tr>
<td>3</td>
<td>Full-Time Internship CEP201</td>
</tr>
<tr>
<td>3</td>
<td>(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)</td>
</tr>
<tr>
<td>3</td>
<td>Liberal Arts Elective: 3 credits</td>
</tr>
<tr>
<td>3</td>
<td>Photojournalism HUN191</td>
</tr>
</tbody>
</table>

**Total Credits: 60**

### Fine Art Photography Option

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Counseling</td>
</tr>
<tr>
<td>3</td>
<td>Composition I ENG 101</td>
</tr>
<tr>
<td>3</td>
<td>Writing Through Literature ENG 102</td>
</tr>
<tr>
<td>3</td>
<td>Humanities: 12 credits</td>
</tr>
<tr>
<td>3</td>
<td>Speech Elective, usually HUC101 Oral Communication</td>
</tr>
<tr>
<td>3</td>
<td>History of Photography HUA202</td>
</tr>
<tr>
<td>6</td>
<td>Select two of the following courses:</td>
</tr>
<tr>
<td>3</td>
<td>Introduction to Design HUA104</td>
</tr>
<tr>
<td>3</td>
<td>Color Theory HUA115</td>
</tr>
<tr>
<td>3</td>
<td>Computer Art 2 HUA126</td>
</tr>
<tr>
<td>3</td>
<td>Mathematics: 3 credits</td>
</tr>
<tr>
<td>3</td>
<td>Liberal Arts Elective</td>
</tr>
<tr>
<td>3</td>
<td>Natural and Applied Science: 3 credits</td>
</tr>
<tr>
<td>3</td>
<td>Topics in Chemistry SCC101</td>
</tr>
<tr>
<td>3</td>
<td>Social Science: 3 credits</td>
</tr>
<tr>
<td>3</td>
<td>Choose one course from the following three:</td>
</tr>
<tr>
<td>3</td>
<td>Cultural Anthropology SSA101</td>
</tr>
<tr>
<td>3</td>
<td>Introduction to Anthropology SSA100</td>
</tr>
<tr>
<td>3</td>
<td>U.S. Power and Politics SSP101</td>
</tr>
<tr>
<td>3</td>
<td>Political Ideas and Ideologies SSP250</td>
</tr>
<tr>
<td>3</td>
<td>General Psychology SSY101</td>
</tr>
<tr>
<td>3</td>
<td>Introduction to Sociology SSS100</td>
</tr>
<tr>
<td>3</td>
<td>Introduction to Microeconomics SSE103</td>
</tr>
<tr>
<td>3</td>
<td>Introduction to Macroeconomics SSE104</td>
</tr>
<tr>
<td>24</td>
<td>Photography/Fine Art: 24 credits</td>
</tr>
<tr>
<td>3</td>
<td>Beginning Drawing HUA103</td>
</tr>
<tr>
<td>3</td>
<td>Introduction to Computer Art I HUA125</td>
</tr>
<tr>
<td>3</td>
<td>Beginning Photography HUA130</td>
</tr>
<tr>
<td>3</td>
<td>The View Camera HUA155</td>
</tr>
<tr>
<td>3</td>
<td>Intermediate Photography HUA230</td>
</tr>
<tr>
<td>3</td>
<td>Color Photography HUA234</td>
</tr>
<tr>
<td>3</td>
<td>The Manipulated Image, Alternative</td>
</tr>
<tr>
<td>3</td>
<td>Photographic Processes HUA238</td>
</tr>
<tr>
<td>3</td>
<td>Video Production Workshop HUA240</td>
</tr>
<tr>
<td>6</td>
<td>Cooperative Education: 6 credits</td>
</tr>
<tr>
<td>3</td>
<td>Fundamentals of Professional Advancement CEP121</td>
</tr>
<tr>
<td>3</td>
<td>Full-Time Internship CEP201</td>
</tr>
<tr>
<td>3</td>
<td>(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)</td>
</tr>
<tr>
<td>3</td>
<td>Liberal Arts Elective: 3 credits</td>
</tr>
<tr>
<td>3</td>
<td>Photojournalism HUN191 or Art and Society HUN192</td>
</tr>
</tbody>
</table>

**Total Credits: 60**

### Commercial Photography Certificate Curriculum

<table>
<thead>
<tr>
<th>Credits</th>
<th>Course Title</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Mathematics: 3 credits</td>
</tr>
<tr>
<td>3</td>
<td>Liberal Arts Elective</td>
</tr>
<tr>
<td>3</td>
<td>Natural and Applied Sciences: 3 credits</td>
</tr>
<tr>
<td>3</td>
<td>Topics in Chemistry SCC101</td>
</tr>
<tr>
<td>3</td>
<td>Commercial Photography: 15 credits</td>
</tr>
<tr>
<td>3</td>
<td>Beginning Photography HUA130</td>
</tr>
<tr>
<td>3</td>
<td>Intermediate Photography HUA230</td>
</tr>
<tr>
<td>3</td>
<td>Studio Lighting I HUA145</td>
</tr>
<tr>
<td>3</td>
<td>Color Photography HUA234</td>
</tr>
<tr>
<td>3</td>
<td>Color Darkroom Techniques HUA235</td>
</tr>
<tr>
<td>3</td>
<td>Unrestricted Electives: 3 credits</td>
</tr>
</tbody>
</table>

**Total credits: 33**

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*www.lagcc.cuny.edu/programs/aas/comp.asp*
Computer Information Systems

www.lagcc.cuny.edu/programs/as/cs.asp

Computer Information Systems (CIS): All programs and options award students an Associate in Applied Science (AAS) degree, except for the Computer Science Program, which awards the Associate of Science (AS) degree.

The major objectives of the department’s curriculum offerings are to provide students with technical competency in the area of specialization and to instill a basic understanding of business organization and the role of computer information systems in support of the management process. All offerings assist students to prepare for careers in the field of computer information systems, as well as facilitating transfer to senior colleges.

Students may select the following courses of study:

Computer Science: The major in Computer Science is appropriate for those students interested in mathematics and/or computer science who plan to transfer to a senior college for further study in computer science. Graduating students will be prepared for careers as programmers for business and/or scientific applications.

Programming and Systems: The Programming and Systems curriculum provides training for entry-level jobs as well as for transfer to a senior college as a business or information sciences major. Graduates of this program may qualify for positions as programmers or programmer trainees.

Computer Operations: The Computer Operations curriculum prepares students to operate computer equipment. After graduation, students will qualify for positions as input/output control clerks, computer operators, and console operators.

Computer Operations-Network Systems Administration Option: This option will provide graduates with a thorough knowledge of network operating systems, thereby enabling graduates to support fully client/server environments. In addition, students will be prepared to take certification examinations in UNIX and Windows.

Computer Technology: This curriculum provides the skills needed for careers in a rapidly growing technical area. Students will be prepared for careers as field engineers specializing in microcomputer repair and network diagnosis. Students will be prepared to transfer to a bachelor of technology program at a senior college.

Computer Technology-Telecommunications Option: The option in Telecommunications provides students with skills for working in data switching centers, maintaining data lines and repairing communication devices. In addition, students have the opportunity to plan advanced studies in teleprocessing and telecommunications. Students will be prepared to transfer to a bachelor of technology program at a senior college.

Microcomputer Systems and Applications: Students who wish to employ the latest in end user computer applications in the workplace will be interested in this program. Graduates will be qualified to fill positions in technical support, training and office administration, as well as jobs as computer aides or an applications software specialists. Students will be offered the opportunity to take qualification exams for certification by Microsoft.

New Media Technology: The New Media Technology curriculum prepares students for varied careers in new media including webmaster, multimedia applications developer, Internet programmer, streaming video and digital film producer. Students have a choice of specialization between Multimedia Design and Web Programming.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on basic skills requirements, see page 111.

Descriptions of courses in these majors can be found on page 86.

Computer Science Curriculum: AS Degree

Counseling
New Student Seminar 0

English: 6 credits
Composition I ENG101 3
Writing Through Literature ENG102 3

Humanities: 5 credits
Liberal Arts Elective* 3

Mathematics: 19 credits
Calculus I MAT201 4
Calculus II MAT202 4
Calculus III MAT203 4
Linear Algebra MAT210 3
Introduction to Discrete Mathematical Structures MAT230 4

Social Science: 3 credits
Choose one of the following courses**: 3
Any history course except SSN183, SSN199, SSN240
Cultural Anthropology SSA101
Introduction to Anthropology SSA100
U.S. Power and Politics SSP101
Political Ideas and Ideologies SSP250
General Psychology SSY101
Introduction to Sociology SSS100
Introduction to Microeconomics SSE103
Introduction to Macroeconomics SSE104

Computer Information Systems: 20 credits
Introduction to Computer Science CIS101 4
Object-Oriented Programming CIS190 4
BASIC Assembler Language for Computer Science CIS196 5
Data Structures CIS286 3
Computer Architecture CIS295 4

Accounting/Managerial Studies: 3 credits
Introduction to Business AMM101 3

Cooperative Education: 6 credits
Fundamentals of Professional Advancement CEP121 3
Full Time Internship CEP201 3
(Both Day and Extended Day students are required to take CEP121.
Extended Day students may take CEP201 or an unrestricted elective course.)

Total credits: 60

*Elective must satisfy the urban study requirement.

**For transfer to New York City College of Technology, General Psychology SSY101 is recommended.

Notes:
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
<table>
<thead>
<tr>
<th>Programming and Systems Curriculum: AAS Degree</th>
<th>Computer Operations Curriculum: AAS Degree</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Counseling</strong></td>
<td><strong>Counseling</strong></td>
</tr>
<tr>
<td>New Student Seminar</td>
<td>New Student Seminar</td>
</tr>
<tr>
<td><strong>English: 6 credits</strong></td>
<td><strong>English: 6 credits</strong></td>
</tr>
<tr>
<td>Composition I ENG101</td>
<td>Composition I ENG101</td>
</tr>
<tr>
<td>Writing Through Literature ENG102</td>
<td>Writing Through Literature ENG102</td>
</tr>
<tr>
<td><strong>Humanities: 3 credits</strong></td>
<td><strong>Humanities: 3 credits</strong></td>
</tr>
<tr>
<td>Liberal Arts Elective</td>
<td>Liberal Arts Elective</td>
</tr>
<tr>
<td><strong>Mathematics: 4 credits</strong></td>
<td><strong>Mathematics: 2 or 4 credits</strong></td>
</tr>
<tr>
<td>Precalculus MAT200</td>
<td>Precalculus MAT200</td>
</tr>
<tr>
<td><strong>Social Science: 3 credits</strong></td>
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</tr>
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<tr>
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<tr>
<td>Political Ideas and Ideologies SSP250</td>
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<tr>
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<tr>
<td><strong>Accounting/Managerial Studies: 7 credits</strong></td>
<td><strong>Accounting/Managerial Studies: 7 credits</strong></td>
</tr>
<tr>
<td>Principles of Accounting I AMA111</td>
<td>Principles of Accounting I AMA111</td>
</tr>
<tr>
<td>Introduction to Business AMM101</td>
<td>Introduction to Business AMM101</td>
</tr>
<tr>
<td><strong>Computer Information Systems: 24 credits</strong></td>
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</tr>
<tr>
<td>Introduction to Computers and Their Applications CIS100</td>
<td>Introduction to Computers and Their Applications CIS100</td>
</tr>
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<td>Introduction to Visual Programming CIS109</td>
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</tr>
<tr>
<td>Introduction to Teleprocessing CIS260</td>
<td>Introduction to Teleprocessing CIS260</td>
</tr>
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<tr>
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</table>

**Total credits: 60**

**Notes:**

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

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</tbody>
</table>

**Total credits: 60**

**Notes:**

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

**Total credits: 60**
Network Systems Administration Option

<table>
<thead>
<tr>
<th>Humanities: 3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Communications HUC101 or 3</td>
</tr>
<tr>
<td>Communication in a Professional Setting HUC108</td>
</tr>
</tbody>
</table>

Computer Information Systems: 25 credits

| Introduction to Computers and Their Applications CIS100 3 |
| Comparative Operating Systems CIS230 3 |
| UNIX Network Operating Systems CIS232 3 |
| Advanced UNIX Administration CIS252 3 |
| Windows Network Operating System CIS283 3 |
| Advanced Windows NT Administration CIS283 3 |
| Computer Repair and Network Maintenance CIS293 4 |
| Computer Information Systems Elective 3 |

(Choose any CIS course except CIS105: Recommended courses: Novell Operating Systems CIS231, Introduction to Teleprocessing CIS260, Topics in CIS CIS160)

Cooperative Education: 6 credits

| Fundamentals of Professional Advancement CEP121 3 |
| Full-Time Internship CEP201 3 |

(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or any unrestricted elective course.)

Liberal Arts Electives: 5 credits

| Composition I ENG 101 |
| Writing Through Literature ENC 102 |
| Humanities: 3 credits |
| Oral Communication HUC101 |
| Mathematics: 6 credits |
| Technical Mathematics I MAT241 4 |
| Technical Mathematics II MAT242 4 |
| Social Science: 3 credits |
| Urban Sociology SSN187 3 |

Accounting/Managerial Studies: 3 credits

| Introduction to Business AMM101 3 |

Note: Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Total credits: 60

Note: Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
### Telecommunications Option

<table>
<thead>
<tr>
<th>Computer Information Systems: 30 credits</th>
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</thead>
<tbody>
<tr>
<td>Introduction to Computers and Their Applications CIS100</td>
</tr>
<tr>
<td>Computer Electronics I CIS241</td>
</tr>
<tr>
<td>Computer Electronics II CIS242</td>
</tr>
<tr>
<td>Computer Architecture CIS295</td>
</tr>
<tr>
<td>Internet Telephony CIS261</td>
</tr>
<tr>
<td>Data Communications CIS262</td>
</tr>
<tr>
<td>Network Operations CIS263</td>
</tr>
<tr>
<td>Computer Hardware Interfacing and Programming CIS265</td>
</tr>
<tr>
<td>Computer Technology Project Lab CIS289</td>
</tr>
</tbody>
</table>

#### Cooperative Education: 6 credits
- Fundamentals of Professional Advancement CEP121 | 3 |
- Full-Time Internship CEP201 | 3

(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)

#### Unrestricted Electives: 1 credit
- Note:

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

**Total credits: 60**

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### Microcomputer Systems and Applications Curriculum: AAS Degree

#### Counseling
- New Student Seminar | 0

#### English: 6 credits
- Composition I ENG101 | 3
- Writing Through Literature ENG102 | 3

#### Humanities: 3 credits
- Choose one of the following:
  - Oral Communication HUC101
  - Communication in a Professional Setting HUC108

#### Mathematics: 3 credits
- Choose one of the following:
  - Mathematics and the Modern World MAT107
  - Elementary Statistics I MAT120

#### Social Science: 3 credits
- Choose one of the following courses:
  - Any history course except SSN183, SSN199, SSN240
  - Cultural Anthropology SSA101
  - Introduction to Anthropology SSA100
  - U.S. Power and Politics SSP101
  - Political Ideas and Ideologies SSP250
  - General Psychology SSY101
  - Introduction to Sociology SSS100
  - Introduction to Microeconomics SSS103
  - Introduction to Macroeconomics SSS104

#### Accounting and Managerial Studies: 11 credits
- Essential Computer Skills AMO116 | 2
- Word Processing I AMO155 | 3
- Word Processing II AMO156 | 3
- Introduction to Business AMM101 | 3

#### Computer Information Systems: 23 credits
- Introduction to Computers CIS100 | 3
- Multimedia Design I CIS161 | 3
- Spreadsheet Applications CIS170 | 2
- Database Applications CIS171 | 3
- Presentation Graphics CIS172 | 3
- Integrated Software Systems CIS173 | 3
- Introduction to Desktop Publishing CIS175 | 3

(Choose one of the following:
- Introduction to Visual Programming CIS109
- Topics in CIS CIS160
- Introduction to Teleprocessing CIS260

#### Cooperative Education: 6 credits
- Fundamentals of Professional Advancement CEP121 | 3
- Full-Time Internship CEP201 | 3

(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)

#### Liberal Arts Electives: 5 credits
- Note:

(Any course in Communication Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences, or Social Science EXCEPT when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)

One elective must be an urban study course.

*For transfer to New York City College of Technology, General Psychology SSY101 is recommended.

**Total credits: 60**

#### Notes:

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

**Total credits: 60**
New Media Technology
Curriculum: AAS Degree

Counseling
New Student Seminar 0

English: 6 credits
Composition I ENG101 3
Writing Through Literature ENG102 3

Humanities: 3 credits
Introduction to Design HUA104 3

Mathematics: 3 credits
Elementary Statistics I MAT120 3

Social Science: 3 credits
Choose one of the following courses***: 3
Any history course except SSN183, SSN199, SSN240
Cultural Anthropology SSA101
Introduction to Anthropology SSA100
U.S. Power and Politics SSP101
Political Ideas and Ideologies SSP250
General Psychology SSY101
Introduction to Sociology SSS100
Introduction to Microeconomics SSE103
Introduction to Macroeconomics SSE104

Accounting/Managerial Studies: 3 credits
Introduction to E-Business AMM116 3

Computer Information Systems: 27 credits
Introduction to Computers CIS100 3
Database Concepts and Programming CIS250 3
Introduction to Teleprocessing CIS260 3
E-Commerce Technology CIS111 3
New Media Project Lab* 3
Computer Information Systems Elective 3

Choose either: 9
Design Cluster
Multimedia Design I CIS161
Multimedia Design II CIS162
Multimedia Design III CIS163

Or
Programming Cluster
Web Programming I CIS166
Web Programming II CIS167
Web Programming III CIS168

Cooperative Education: 6 credits
Fundamentals of Professional Advancement CEP121 3
Full-Time Internship CEP201 3
(Both Day and Extended Day students are required to take CEP121.
Extended Day students may take CEP201 or an unrestricted elective course.)

Liberal Arts Electives: 9 credits**‡ 9

Total: 60 credits

* Course to be developed
** Students selecting the Web Programming cluster should consider an additional mathematics course such as MAT200. Students selecting the Web Design cluster should consider additional art courses such as HUA165 or HUA166.
*** For transfer to New York Technical College, General Psychology SSY101 is recommended.
‡One elective must be an urban study course.

Notes:
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
The Dietetic Technician Program, coordinated by the Natural and Applied Sciences Department, leads to the Associate in Science (AS) degree. The Dietetic Technician Program at LaGuardia Community College is currently granted initial accreditation by the Commission on Accreditation for Dietetics Education (CADE) of the American Dietetic Association, 120 S. Riverside Plaza, Suite 2000, Chicago, IL 60606, (312) 899-5400.

The program is designed to educate individuals in the areas of medical nutrition therapy and foodservice management. Students are taught to screen and assess patients and to plan and implement appropriate nutrition intervention plans. They are also taught to supervise food production, plan menus, implement sanitation and safety procedures, and manage personnel. The program provides courses in normal nutrition, medical nutrition therapy, nutrition education methodologies and foodservice management. The basic science courses include human anatomy, physiology and biological chemistry.

Students complete three required field experiences at health care facilities in the New York metropolitan area. These experiences provide the opportunity to combine classroom learning with practical work experience.

Successful graduates are eligible to sit for the dietetic technician registration exam. This exam is administered through the Commission on Dietetic Registration of the ADA. Employment opportunities exist in medical centers, hospitals, extended care facilities, foodservice contract companies, educational feeding programs and community health programs. Graduates may also enroll in bachelor's degree programs at various senior colleges. Membership in the American Dietetic Association and the Dietary Managers Association is also available to program graduates.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on basic skills requirements, see page 111.

Descriptions of courses in this major can be found on page 93.

**Dietetic Technician Curriculum: AS Degree**

**Counseling**
- New Student Seminar 0

**English: 6 credits**
- Composition I ENG 101 3
- Writing Through Literature ENG 102 3

**Humanities: 3 credits**
- Oral Communication HUC101 3

**Natural and Applied Sciences: 13 credits**
- Fundamentals of Human Biology I SCD203 4
- Fundamentals of Human Biology II SCD204 4
- Biological Chemistry SCD140 3
- Community Health SCN195 2

**Social Science: 6 credits**
- Introduction to Sociology SSS100 3
- General Psychology SSY101 3

**Dietetic Technology: 26 credits**
- Foods SCD100 3
- Introductory Nutrition SCD200 3
- Clinical Nutrition A SCD201 3
- Clinical Nutrition B SCD202 3
- Life Cycle Nutrition SCD203 3
- Applied Dietetics SCD206 2
- Quantity Food Production SCD250 3
- Foodservice Sanitation and Safety SCD251 3
- Foodservice Administration SCD253 3

**Cooperative Education: 5 credits**
- Co-op Prep SCD007 0
- Dietetic Field Experience I SCD260 1
- Dietetic Field Experience II SCD221 2
- Dietetic Field Experience III SCD222 2

**Liberal Arts Elective: 1 credit**
- (Any course in Communication Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences, or Social Science EXCEPT when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)

Total credits: 60

**Notes:**

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
Education

www.lagcc.cuny.edu/programs/aa/plac.asp

The jointly registered AA/BS Program in Liberal Arts/Childhood Education and AA/BA Liberal Arts/Secondary Education, coordinated by the Social Science Department, are designed for students who are interested in pursuing teaching as a career and who plan to transfer to the Queens College School of Education. The programs can lead to admission to Queens College upon successful completion of LaGuardia’s Associate of Arts (AA) degree requirements in Liberal Arts (60 credits for Secondary Education and 64 credits for Childhood Education) and provide a clearly defined academic path that leads to New York State provisional certification in teaching. They also ensure that the students’ course selections at LaGuardia will simultaneously satisfy degree requirements at Queens College.

These programs are a response to a predicted teacher shortage nationwide in the coming years. This shortage is envisioned as being particularly acute among minority teachers, especially in the City of New York. These programs are also designed to respond to the shortcomings within the teaching profession itself by combining a strong Liberal Arts course of study with an early experiential component. These programs provide a broad intellectual foundation and an understanding of the world we live in, its history, diversity and cultures.

The programs have one Cooperative Education internship. The internship is accompanied by a cooperative education seminar designed to integrate theory and practice. The LaGuardia internship will satisfy the 100 hours of experience working with children required for admission to the Childhood Education Program at Queens College.

The intent of the cooperative education internship is to involve students in the educational life of the classroom, to let them experience a variety of school settings, and to learn beginning skills in a teaching role. The aim of the seminar is to provide knowledge and practice that reinforce and explains the experience of the internship. Through this experiential component, students will have the opportunity to clarify their personal goals, gain insight into the teaching profession and make informed career decisions about continuing in the field of urban education.

Students in these programs are required to complete a Liberal Arts major along with the education co-major at Queens College. Queens College offers a large number of liberal arts majors. Therefore, the Liberal Arts elective credits at LaGuardia should be taken toward a Liberal Arts major at Queens College and students should consult with an advisor before selecting electives.

Students in the Childhood Education Program must have a grade of B in at least one course in each of the core content areas: Math, Science, Social Studies, and English Language Arts. They also must maintain a minimum overall cumulative average of 2.75 in order to begin study in this program at Queens College. While a GPA of 2.75 is the minimum requirement for consideration, IT DOES NOT GUARANTEE admission to this program at Queens College.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on the basic skills requirements, see page 111.

Notes:
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 64 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

AA/BS Program in Liberal Arts/Childhood Education Curriculum: AA Degree

Counseling
New Student Seminar 0

English: 12 credits
Composition 1 ENG101 3
Writing Through Literature ENG102 3
Select one of the following courses: 3
The Drama ENG265
Shakespeare ENG266
Introduction to Poetry ENG270
The Bible as Literature ENG205
The Novel ENG260
Select one of the following courses: 3
Afro-American Literature ENG225
Contemporary Black American Fiction ENG269

Humanities: 6 credits
Select one of the following courses: 3
Introduction to Art HUA101
Art History: Prehistoric Through Gothic HUA165
Art History: Renaissance Through Modern HUA166
Select one of the following courses: 3
Acting 1 HUC190
Beginning Drawing HUA103
Beginning Painting HUA110
Color Theory HUA115
Beginning Sculpture HUA120

Social Science: 24 credits
Introduction to Sociology SSS100 3
Sociology of Education SSS185 3
Cultural Anthropology SSA101 3
Themes in American History to 1865 SSH101 3
Themes in American History since 1865 SSH102 3
Select one of the following courses: 3
U.S. Power and Politics SSP101
World Politics SSP200
Political Ideas and Ideologies SSP250
The Urban Economy SSS189

Select one of the following Urban Study courses: 3
Sociology of the Black Community SSS186
Urban Sociology SSS187
Select one of the following courses: 3
Western Civilization from Ancient Times to the Renaissance SSH103
Western Civilization from the Renaissance to Modern Times SSH104

Mathematics: 6 credits
Elementary Statistics MAT120 3
Mathematics in Elementary Education MAT104 3

Cooperative Education: 4 credits
Gateway to the Workplace CEP100 1
Full-time Internship CEP201 3
(Required for both Day and Extended Day students)

Natural and Applied Sciences: 6 credits
Topics in Biological Sciences SCB101 3
Introductory Nutrition SCD200 3

Liberal Arts Electives: 6 credits
The Liberal Arts electives must be courses in the area of concentration that you will study at Queens College.

Total credits: 64

*Students in this program receive a waiver from the Mathematics Department which exempts them from taking MAT103.
AA/BA Program in Liberal Arts/Secondary Education Curriculum: AA Degree

Counseling
New Student Seminar 0

English: 12 credits
Composition I ENG101 3
Writing Through Literature ENG102 3
Select one of the following courses: 3
The Drama ENC265
Shakespeare ENC266
Introduction to Poetry ENC270
The Bible as Literature ENC205
The Novel ENC260

Select one of the following courses: 3
Afro-American Literature ENC225
Contemporary Black American Fiction ENC269

Humanities: 3 credits
Select one of the following courses: 3
Introduction to Art HUA101
Introduction to Music HUM101

Social Science: 18 credits
Introduction to Sociology SSS100 3
Sociology of Education SSS185 3
General Psychology SSY101 3
Cultural Anthropology SSA101 3
Select one of the following courses: 3
Western Civilization I SSH103
Western Civilization II SSH104
Select one of the following courses: 3
U.S. Power and Politics SSP101
World Politics SSP200
The Urban Economy SSN189
Political Ideas and Ideologies SSP250

Mathematics: 3 credits
Elementary Statistics MAT120 3

Natural and Applied Sciences: 4 credits
Select one of the following courses: 4
Fundamentals of Biology 1 SCB201
Fundamentals of Chemistry 1 SCC201

Cooperative Education: 4 credits
Gateway to the Workplace CEP100 1
Full-Time Internship CEP201 3
(Required for both Day and Extended Day students.)

Liberal Arts Electives: 16 credits
The Liberal Arts elective credits must be courses in the area of concentration that you will study at Queens College. One must be an urban study course.

Total credits: 60

Notes:
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
Note: This Program will not accept new students for the 2005-06 academic year.

The Education Associate: The Bilingual Child Program is a two-year program that prepares Bilingual Education Associates to meet the critical need for professionally trained teaching support personnel to work in schools comprised largely of Spanish-speaking children. The program is administered by the Humanities Department, and awards the Associate in Arts (AA) degree. Students are encouraged to transfer to a senior college after graduation. Students admitted to the program must demonstrate written and oral proficiency in Spanish equivalent to HUS 105, Spanish for Fluent Speakers 1.

Selected courses in major subject areas (social science, psychology and mathematics) are offered bilingually in English and Spanish, with a focus on Hispanic culture. In addition, the program provides field-based instruction in bilingual curriculum development and teaching methodology.

Students who are not currently working as paraprofessionals will be placed on internships in bilingual schools. Working classroom paraprofessionals may use their current employment site to fulfill the internship requirement.

The internships are accompanied by seminars designed to assist students with problems they encounter in their teaching positions. The seminars available to program participants include: Social Science in the Bilingual Program, Realities of Your Career Choice, Bilinguals and the World of Work, and Independent Research.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on the basic skills requirements, see page 111.

Descriptions of courses in this major can be found on page 79.

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**Education Associate: The Bilingual Child Curriculum: AA Degree**

**Counseling**
New Student Seminar 0

**English: 6 credits**
Composition I ENG 101 3
Writing Through Literature ENG 102 3

**Humanities: 6 credits**
Advanced Spanish Composition HUS 210 3
Select one of the following courses:
Latin American Literature I HUS 200 3
Latin American Literature II HUS 201 3
Literature of the Caribbean HUS 270 3

**Mathematics: 6 credits**
Early Concepts of Math for Children MAT 103 3
Mathematics in Elementary Education MAT 104 3

**Natural and Applied Sciences: 3 credits**
Select one of the following courses:
Topics in Biological Sciences SCI 101 3
Topics in Chemistry SCI 101 3
Topics in Physical Science SCP 101 3

**Social Science: 9 credits**
Introduction to Sociology SSS 100 or SSB 110 (bilingual mode) 3
General Psychology SUY 101 or SSB 102 (bilingual mode) 3
Group Dynamics SUY 260 3

**Bilingual Education Core Courses: 15 credits**
Urban Study: Introduction to Bilingualism HUN 101 3
Educational Psychology: Bilingual Child in the Urban Environment HUB 102 3
Principles and Practices of Bilingual Education and ESL HUB 103 3
Teaching Reading and Language Arts in the Bilingual Classroom HUB 200 3
Latin American Civilizations HUS 204 3

**Cooperative Education: 6 credits**
Gateway to the Workplace CEP 100 1
Part-Time Internship CEP 151 2
Full-Time Internship CEP 201 3

**Liberal Arts Electives: 9 credits**
(Any course in Communication Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences, or Social Science EXCEPT when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)

**Total credits: 60**

**Notes:**
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

*These courses are taught in Spanish only.
Emergency Medical Technician/Paramedic

The EMT/Paramedic Program, offered through the Natural and Applied Sciences Department, leads to an Associate of Applied Science (AAS) degree. Successful completion of the clinical portion of the program will also make the student eligible for certification as an Emergency Medical Technician/Paramedic through the New York State Department of Health.

The field of pre-hospital care, commonly referred to as Emergency Medical Services, is responsible for the initial treatment, stabilization and transport to the hospital of individuals suffering from an acute illness or injury. Working within the established Emergency Medical Services (EMS) systems under the authority of a physician medical director, the EMT/Paramedic is responsible for the recognition and treatment of life-threatening and potentially life-threatening conditions. The EMT/Paramedic initiates appropriate advanced-level treatment as indicated by the patient’s condition, including IV access, advanced airway management, medication administration, EKG interpretation and monitoring, and other advanced treatments. Employment opportunities are available in commercial ambulance services, municipal EMS systems and hospitals.

The clinical portion of the Paramedic Program includes lectures and practical skills sessions at the college and extensive clinical rotations at affiliated institutions. The program meets the requirements set forth by the New York State Department of Health and follows the most current National Standard Curriculum for the EMT/Paramedic.

Students admitted to this program are considered to be in the “pre-clinical” phase of the major. To be eligible to progress to the “clinical” phase, students must meet the following requirements: completion of CUNY basic skills, minimum GPA of 2.0, active student status, current certification as a NYS Emergency Medical Technician, a minimum of 200 hours and/or 6 months of pre-hospital experience (paid or volunteer), successful completion of Paramedic Program Entrance Exams and an interview with the program director and/or members of the faculty. Seats in the Paramedic Program clinical portion are limited and applicants will be ranked according to the following criteria: number of credits completed at LaGuardia, total number of credits, GPA and date Application for Admission to the Paramedic Program was received by the Paramedic Program.

Students may also be eligible to receive the following credentials (upon successful completion of the specific requirements for each credential): Registration as an EMT-P through the National Registry of EMTs, NYC REMAC (Regional Emergency Medical Advisory Committee) Certification, Advanced Cardiac Life Support (ACLS), Pediatric Advanced Life Support (PALS) and Basic Cardiac Life Support (BCLS) certifications.

Descriptions of courses in this major can be found on page 98.

Emergency Medical Technician/Paramedic Curriculum: AAS Degree

<table>
<thead>
<tr>
<th>Counseling</th>
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</tr>
</thead>
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<tr>
<td>English: 6 credits</td>
<td></td>
</tr>
<tr>
<td>Composition I ENG 101</td>
<td>3</td>
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<tr>
<td>Writing Through Literature ENG 102</td>
<td>3</td>
</tr>
<tr>
<td>Humanities/English: 3 Credits</td>
<td>3</td>
</tr>
<tr>
<td>Liberal Arts Elective</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics: 3 credits</td>
<td>3</td>
</tr>
<tr>
<td>Elementary Statistics MAT120</td>
<td>3</td>
</tr>
<tr>
<td>Social Science: 3 credits</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Sociology SSS100</td>
<td>3</td>
</tr>
<tr>
<td>Natural and Applied Sciences: 6 credits</td>
<td>4</td>
</tr>
<tr>
<td>Fundamentals of Human Biology I SCB203</td>
<td>4</td>
</tr>
<tr>
<td>Fundamentals of Human Biology II SCB204</td>
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<td>Paramedic Component: 36 credits</td>
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<td>Emergency Medical Technician-Basic SCE100</td>
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<tr>
<td>Paramedic I SCE230</td>
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<tr>
<td>Paramedic II SCE231</td>
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<td>Paramedic III SCE232</td>
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<tr>
<td>Paramedic IV SCE233</td>
<td>3</td>
</tr>
<tr>
<td>Unrestricted Electives: 1 credit</td>
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</tr>
</tbody>
</table>

One elective must be an urban study course.

Total credits: 60

Notes:
The requirements for this program include mandatory practical skills sessions that are offered only on Saturdays.

Students who have successfully completed a NYS Paramedic Program may receive 30 credits for prior paramedic training. Students who have successfully completed a NYS EMT course may receive 6 credits for prior EMT training. Verification of successful course completion and/or certification from NYS DOH is required to receive these transfer credits.

One-year certificate program for EMT/Paramedic is available through the Division of Adult and Continuing Education.

For additional information, call the EMT/Paramedic Program at (718) 482-5321.

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
Engineering Science

The Engineering Science Program is housed within the Mathematics Department and offers three tracks: Civil, Electrical, and Mechanical Engineering. Each track has been designed for transfer as a Dual/Joint program with the School of Engineering at City College of New York (CCNY) and its programs, Bachelor of Engineering in Civil (B.E./C.E.), Electrical (B.E./E.E.), and Mechanical Engineering (B.E./M.E.). Students who achieve a minimum grade of C in each course of their chosen track will receive an Associate in Science (AS) from LaGuardia. Such students are then guaranteed admission to the corresponding track of the four-year program at CCNY.

Matriculated students admitted in the program will be exposed both to the formal principles of engineering and to hands-on laboratory projects. The academic requirements of the Dual/Joint programs are more than sufficient to assure graduates licensure in New York State as Professional Engineers. The bachelor’s degree from CCNY is fully recognized by the Accreditation Board for Engineering and Technology (ABET) and is registered as licensure-qualifying by the New York State Department of Education.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on basic skills requirements, see page 111.

### Engineering Science: Civil Engineering

**Curriculum: AS Degree**

**Counseling**
- New Student Seminar 0

**English: 6 credits**
- Composition I ENG101 3
- Select one of the following courses: 3
  - Journalism ENG210
  - Humor in Literature ENG256

**Humanities: 6 credits**
- Introduction to Art HUA101 3
- Introduction to Music HUM101 3

**Social Science: 3 credits**
- Urban Sociology SSN187*** 3

**Natural and Applied Sciences: 16 credits**
- Fundamentals of Chemistry I SCC201 4
- Fundamentals of Chemistry II SCC202 4
- General Physics I SCP231 4
- General Physics II SCP232 4

**Mathematics: 19 credits**
- Calculus I MAT204 4
- Calculus II MAT202 4
- Calculus III MAT203* 4
- Differential Equations MAT204 4
- Linear Algebra MAT210* 3

**Specific Program Requirements: 12 credits**
- Co-op Prep for Engineering Science 0
- Engineering Lab I/Internship I MAE101 1
- Engineering Lab II/Internship II MAE103 2
- C/C++ Programming CIS125** 3
- Electrical Circuits MAE213 3
- Thermodynamics I MAE219 3

**Total credits: 62**

* Students who do not complete the two-year program must pass (C min) both MAT203 & MAT210 at LGCC to satisfy Math 39200 (Linear Algebra and Vector Analysis) at CCNY.

** Students who do not complete the two-year program must pass both MAT201 and CIS125 to satisfy CSC 10200 (Introduction to Computing) at CCNY.

***The Prerequisite for SSN187, SSS100, is waived for students in Engineering Science programs.

**Passing Grade Requirement:** All courses require a minimum passing grade of "C".

**Notes:**
- Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 62 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

- Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
Engineering Science: Electrical Engineering Curriculum: AS Degree

Counseling
New Student Seminar 0

English: 6 credits
Composition I ENG 101 3
Select one of the following courses:
Journalism ENG 210 3
Humor in Literature ENG 256

Humanities: 6 credits
Introduction to Art HUA 101 3
Introduction to Music HUM 101 3

Social Science: 3 credits
Urban Sociology SSN 187*** 3

Natural and Applied Sciences: 16 credits
Fundamentals of Chemistry I SCC 201 4
Fundamentals of Chemistry II SCC 202** 4
General Physics I SCP 231 4
General Physics II SCP 232 4

Mathematics: 19 credits
Calculus I MAT 201*** 4
Calculus II MAT 202 4
Calculus III MAT 203** 4
Differential Equations MAT 204 4
Linear Algebra MAT 210** 3

Specific Program Requirements: 12 credits
Co-op Prep for Engineering Science 0
Engineering Lab I/Internship I MAE 101 1
Engineering Lab II/Internship II MAE 103 2
C/C++ Programming CIS 125*** 3
Electrical Circuits MAE 213 3
Thermodynamics I MAE 219 3

Total credits: 62

* SCC202 at LaGuardia will count as CHEM10400 (General Chemistry II), an EE science elective at CCNY.
** Students who do not complete the two-year program must pass (C-) both MAT 203 and MAT 210 at LGCC to satisfy Math 39200 (Linear Algebra and Vector Analysis) at CCNY.
*** Students who do not complete the two-year program must pass (C-) both MAT 201 and CIS 125 to satisfy CSC 10200 (Introduction to Computing) at CCNY.
****The prerequisite for SSN187, SSS100, is waived for students in Engineering Science programs.

Passing Grade Requirement: All courses require a minimum passing grade of “C”.

Notes:
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 62 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

Engineering Science: Mechanical Engineering Curriculum: AS Degree

Counseling
New Student Seminar 0

English: 6 credits
Composition I ENG 101 3
Select one of the following courses:
Journalism ENG 210 3
Humor in Literature ENG 256

Humanities: 6 credits
Introduction to Art HUA 101 3
Introduction to Music HUM 101 3

Social Science: 3 credits
Urban Sociology SSN 187**** 3

Natural and Applied Sciences: 16 credits
Fundamentals of Chemistry I SCC 201 4
Fundamentals of Chemistry II SCC 202** 4
General Physics I SCP 231 4
General Physics II SCP 232 4

Mathematics: 19 credits
Calculus I MAT 201*** 4
Calculus II MAT 202 4
Calculus III MAT 203** 4
Differential Equations MAT 204 4
Linear Algebra MAT 210** 3

Specific Program Requirements: 12 credits
Co-op Prep for Engineering Science 0
Engineering Lab I/Internship I MAE 101 1
Engineering Mechanics: Statics MAE 211 3
C/C++ Programming CIS 125*** 3
Electrical Circuits MAE 213 3
Thermodynamics I MAE 219 3

Total credits: 63

* SCC202 at LaGuardia will count as CHEM10400 (General Chemistry II), an ME science elective at CCNY.
** Students who do not complete the two-year program must pass (C-) both MAT 203 and MAT 210 at LGCC to satisfy Math 39200 (Linear Algebra and Vector Analysis) at CCNY.
*** Students who do not complete the two-year program must pass (C-) both MAT 201 and CIS 125 to satisfy CSC 10200 (Introduction to Computing) at CCNY.
**** The prerequisite for SSN187, SSS100, is waived for students in Engineering Science programs.

Passing Grade Requirement: All courses require a minimum passing grade of “C”.

Notes:
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 63 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
The Fine Arts Program, coordinated by the Humanities Department, leads to an Associate in Science (AS) Degree. This program will offer training in studio art for students seeking careers in either the fine or applied arts. Emphasis throughout the curriculum will be placed on individual creativity, aesthetic awareness and an understanding of the visual arts in societies past and present.

The Fine Arts Program is open to students of all levels who wish to expand their technical and aesthetic knowledge in the areas of painting, drawing, sculpture, design, photography and the history of art and film. The curriculum is structured to prepare students for immediate career objectives or for transfer to BA or BFA programs in studio art at the senior colleges of City University or other metropolitan area art schools. The Fine Arts curriculum is also designed to meet the needs of students who intend to transfer to specialized commercial art programs.

The curriculum places emphasis on drawing techniques and visual fundamentals. There are two required courses in drawing and one in design. A third drawing course may be selected as an elective. Within the curriculum, it is possible for students to select concentrations in painting, sculpture, photography or design. Two required courses in art history form an introduction to the major movements of world art. A third elective course in art history provides focus on the arts of a particular culture or period. Required areas of study in the Liberal Arts include writing, literature, mathematics, science, history and the humanities, providing indispensable cultural and practical background for the visual artist.

The program also provides important “hands-on” experience in the New York art world through cooperative education internships in professional art studios, galleries and museums.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the required courses section of the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on basic skills, see page 111.

Descriptive course outlines in this major can be found on page 87.
Human Services Programs, coordinated by the Natural and Applied Sciences Department, lead to an Associate in Arts (AA) degree with a special orientation toward the helping professions. Students may select from one of the following programs: Child Development, Gerontology, or Mental Health. The curriculum is designed to prepare students either for career objectives or for transfer to senior colleges.

The Child Development Program prepares students for work with young children in group settings. Child development graduates who transfer to senior colleges can continue their studies in such fields as early childhood and special education.

The Gerontology Program prepares students for careers in neighborhood senior citizen's centers, in nursing homes and in geriatric outreach programs. Gerontology students who transfer to senior colleges can continue their studies in fields such as gerontology and social work.

The Mental Health Program prepares students for careers in social service agencies, community centers, hospitals, and other related institutions. Mental health graduates who transfer to senior colleges can continue their studies in fields such as social work and psychology.

To complete the program successfully, all human services students must earn six credits in supervised internships in an approved human services setting. Internships are not assigned before the second semester. Integration of classroom and work experience is then achieved through a weekly schedule divided between classroom study and field work.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on basic skills requirements, see page 111.

Description of courses in this major can be found on page 94.

### Human Services: Child Development Curriculum: AA Degree

#### Counseling
- New Student Seminar 0

#### English: 6 credits
- Composition I ENG 101 3
- Writing Through Literature ENC 102 3

#### Humanities: 6 credits
- Introduction to Art HUA 101 3
- Introduction to Music HUM 101 3

#### Mathematics: 3 credits
- Early Concepts of Math for Children MAT 103 3

#### Natural and Applied Sciences: 6 credits
- Topics in Biological Sciences SCB 101 3
- Topics in Physical Sciences SCP 101 3

#### Social Science: 9 credits
- Introduction to Sociology SSS 100 3
- General Psychology SSY 101 3
- Developmental Psychology I SSY 240 3

#### Human Services: 18 credits

**Core Courses:** 9 credits
- Orientation to Human Services HSC 101 3
- Principles of Human Relations HSC 102 3
- Community Dynamics: Impact on Human Services HSN 103 3

**Child Development:** 9 credits
- (Specialization courses must be taken with internships)
  - Integrated Curriculum A: The Developing Child HSD 170 3
  - Integrated Curriculum B: Developing Problem Solving Skills HSD 171 3
  - Integrated Curriculum C: Developing Creativity HSD 172 3

**Cooperative Education:** 6 credits
- Co-op Prep 0
- Human Services and Internship Seminar 1 HSC 203 2
- Child Development Internship and Seminar 1 HSD 204 2
- Child Development Internship and Seminar 3 HSD 205 2

**Liberal Arts Electives:** 6 credits
- (Any course in Communication Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences, or Social Science EXCEPT when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)

**Total credits:** 60

**Notes:**
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to insure maximum transferability of credits taken.
### Human Services:
**Gerontology Curriculum: AA Degree**

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
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<tr>
<td>Counseling</td>
<td>0</td>
<td>New Student Seminar</td>
</tr>
<tr>
<td>English: 6 credits</td>
<td></td>
<td>Composition I ENG 101, Writing Through Literature ENG 102</td>
</tr>
<tr>
<td>Humanities: 3 credits</td>
<td></td>
<td>Liberal Arts Elective</td>
</tr>
<tr>
<td>Mathematics: 3 credits</td>
<td></td>
<td>Liberal Arts Elective</td>
</tr>
<tr>
<td>Natural and Applied Sciences: 6 credits</td>
<td></td>
<td>Topics in Biological Science SCB101, Aging and Health SCH111</td>
</tr>
<tr>
<td>Social Science: 9 credits</td>
<td></td>
<td>Introduction to Sociology SSS100, General Psychology SSY101, Developmental Psychology SSY241</td>
</tr>
<tr>
<td>Human Services: 15 credits</td>
<td></td>
<td>Orientation to Human Services HSC101, Principles of Human Relations HSC102, Community Dynamics: Impact on Human Services HSN103</td>
</tr>
<tr>
<td>Gerontology: 9 credits</td>
<td></td>
<td>Introduction to Gerontological Services HSG150, Human Services Roles and Systems HSC135</td>
</tr>
<tr>
<td>Cooperative Education: 6 credits</td>
<td></td>
<td>Co-op Prep, Human Services and Internship Seminar 1 HSC203, Mental Health/Gerontology Internship and Seminar 1 HSM204, Mental Health/Gerontology Internship and Seminar 3 HSM205</td>
</tr>
<tr>
<td>Liberal Arts Electives: 9 credits</td>
<td></td>
<td>(Any course in Communication Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences, or Social Science EXCEPT when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)</td>
</tr>
</tbody>
</table>

**Total credits: 60**

**Notes:**
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to insure maximum transferability of credits taken.

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### Human Services:
**Mental Health Curriculum: AA Degree**

<table>
<thead>
<tr>
<th>Category</th>
<th>Credits</th>
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<tr>
<td>Counseling</td>
<td>0</td>
<td>New Student Seminar</td>
</tr>
<tr>
<td>English: 6 credits</td>
<td></td>
<td>Composition I ENG 101, Writing Through Literature ENG 102</td>
</tr>
<tr>
<td>Humanities: 3 credits</td>
<td></td>
<td>Liberal Arts Elective</td>
</tr>
<tr>
<td>Mathematics: 3 credits</td>
<td></td>
<td>Elementary Statistics MAT120, Topics in Biological Science SCB101, Liberal Arts Elective</td>
</tr>
<tr>
<td>Social Science: 12 credits</td>
<td></td>
<td>Introduction to Sociology SSS100, General Psychology SSY101, Developmental Psychology SSY240, Group Dynamics: Small Group Processes SSY260</td>
</tr>
<tr>
<td>Human Services: 18 credits</td>
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<td>Orientation to Human Services HSC101, Principles of Human Relations HSC102, Community Dynamics: Impact on Human Services HSN103</td>
</tr>
<tr>
<td>Mental Health: 9 credits</td>
<td></td>
<td>Survey of Psychological Treatment Approaches HSM120, Human Services Roles and Systems HSC135, Activities for Human Services Settings HSC130</td>
</tr>
<tr>
<td>Cooperative Education: 6 credits</td>
<td></td>
<td>Co-op Prep, Human Services and Internship Seminar 1 HSC203, Mental Health/Gerontology Internship and Seminar 2 HSM204, Mental Health/Gerontology Internship and Seminar 3 HSM205</td>
</tr>
<tr>
<td>Liberal Arts Electives: 3 credits</td>
<td></td>
<td>(Any course in Communication Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences, or Social Science EXCEPT when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)</td>
</tr>
</tbody>
</table>

**Total credits: 60**

**Notes:**
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to insure maximum transferability of credits taken.
The Liberal Arts and Sciences Programs are designed for students who want to continue their education at senior colleges and to engage in studies leading to careers in the arts and sciences. Students in these programs choose from a wealth of courses offered by the English, Humanities, Mathematics, Natural and Applied Sciences, and Social Science Departments.

The Liberal Arts: Mathematics and Science Program, leading to the Associate in Science (AS) degree, is suggested for students interested in pursuing a career in mathematics, the sciences, engineering, medicine, or allied health fields. The science and mathematics courses are designed specifically to meet the requirements of those students who wish to continue their education beyond the Associate degree.

The Liberal Arts: Social Sciences and Humanities Program leads to an Associate in Arts (AA) degree. For students who want an early start in planning for a liberal arts-related career, the program has a number of courses offered in such areas as art, music, media, theater, film, journalism, aging, community studies, child development, Latin American studies and legal studies to choose from.

The Deaf Studies Option (AA degree) enables students to learn American Sign Language (ASL), and to understand the dynamics of deaf communities. Students receive a broad liberal arts background for further study in ASLIEnglish interpreting, special education, social work, rehabilitation counseling, and related fields. Advanced students are placed in internships where ASL is the everyday medium of communication.

The International Studies Option (AA degree) is an interdisciplinary program that draws on the best resources of LaGuardia to prepare students to become better-informed world citizens and to develop the competencies needed to survive and succeed in the new global economy. A unique hybrid of intensive academic and career advisement is the hallmark of this option. Students not only receive academic advisement and instruction in some core courses from the director of the option, they are also placed in internationally oriented internships in New York and in internships abroad. Students are also provided with extensive guidance and support in transferring to senior colleges and in applying for scholarships. Students are required to take two cycles of a foreign language.

The Theater and Communication Option (AA Degree) offers a curriculum which meets the growing demand for preparation in the expanding field of communications media (including film, television, video and other forms of electronic media). It provides a structure for guiding Liberal Arts students toward career and professional goals early in their academic careers. The curriculum is designed to prepare students for transfer to baccalaureate programs in film, television, and other communications technologies. Internships take advantage of LaGuardia’s New York City location to provide students with experience in professional settings in this growing field.

The Theater and Communication Option (AA Degree) offers a curriculum that prepares students for transfer to a baccalaureate program in fields such as speech, communication, drama and performance. The option provides students with the necessary groundwork for career and professional goals early in their academic career. Internships take advantage of the variety of professional theater and communication professions located in New York City. Students will also gain practical experience in programs using the Humanities Department Media Studio and the Black Box Theatre.

In the introductory cluster, an interdisciplinary approach to the liberal arts, AA students learn how to make meaningful connections among different areas of study. Through core courses, students gain knowledge of liberal studies necessary to continue their education after graduation.

In addition to required courses, students choose to meet their individual career goals and interests. Through the sequence of courses offered, students are prepared for internships taken in the Department of Cooperative Education. Internships provide a laboratory for linking classroom preparation with further exploration of careers in the liberal arts and sciences. Students bring together their work/study experience in a final seminar where liberal studies are viewed through humanistic, scientific and technological themes.

Liberal Arts and Sciences majors have faculty advisors to help with the planning of their programs. Planning course sequences will allow students to take full advantage of existing articulation agreements.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on basic skills requirements, see page 111.
Liberal Arts: Social Sciences and
Humanities Curriculum: AA Degree

Counseling

New Student Seminar 0

English: 11 credits

Composition I ENG101 3
Writing Through Literature ENG102 3
Preparing and Writing the Research Paper ENG103 2
Liberal Arts Elective 3

Humanities: 3 credits

Liberal Arts Elective 3

English/Humanities: 3 credits

Liberal Arts Elective 3

Liberal Arts: 4 credits

*Integrating Seminar: Liberals Arts Cluster LIB110 1
Humankind, Science & Technology: Liberal Arts Seminar LIB200 3

Mathematics: 3 credits

Liberal Arts Elective 3

Natural and Applied Sciences/Mathematics: 6 credits

Liberal Arts Lab Science Elective 3
Liberal Arts Science or Math Elective 3
(For Natural & Applied Sciences, select only course designations beginning with SCB, SCC, SCH or SCP)

Social Science: 9 credits

Select one of the following courses:

Any history course except SSN183, SSN199, SSN240 3
Introduction to Anthropology SSA100 3
Cultural Anthropology SSA101 3
Introduction to Microeconomics SSE103 3
Introduction to Macroeconomics SSE104 3
U.S. Power and Politics SSP101 3
Political Ideas and Ideologies SSP250 3
Introduction to Sociology SSS100 3
General Psychology SSY101 3

Select one of the following courses:

Themes in American History to 1865 SSH101 3
Themes in American History since 1865 SSH102 3
Western Civilization from Ancient Times to the Renaissance SSH103 3
Western Civilization from the Renaissance to Modern Times SSH104 3
World History from Ancient Times to 1500 SSH105 3
World History from 1500 to the Present SSH106 3
East Asia Civilization and Societies SSH110 3
Afro-American History SSH231 3
Survey of Latin American and Caribbean History SSH232 3
Liberal Arts Elective 3

Cooperative Education: 6 credits

Fundamentals of Professional Advancement CEP121 3
Full-Time Internship CEP201 3
(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)

Liberal Arts Electives: 6 credits

(Any course in Communication Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences, or Social Science EXCEPT when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)

Unrestricted Electives: 9 credits

One elective must be an urban study course.

Total credits: 60

Note: Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

*Introductory Cluster Requirement

An introductory cluster containing four courses with an Integrating Seminar (LIB110, one credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take ENG101. Extended Day students and students who change to the Liberal Arts major after completing ENG101 may substitute a Liberal Arts elective.

Liberal Arts Elective Options

Core Requirement

All students must select 12 credits from the core courses listed below. One course must be taken in four of the following areas.

English Core Courses (choose one):

Afro-American Literature ENG225
Images of Women in Literature ENG245
The Short Story ENG250
The Novel ENG260
The Drama ENG265
Shakespeare ENG266
Introduction to Poetry ENG270
The Great Writer ENG275

Humanities Core Courses (choose one):

Introduction to Art HUA101
Art in New York HUA105
Oral Communication HUC101
Public Speaking HUC100
The Art of Film HUC150
Art of Theatre HUC170
Introduction to Music HUM101
Introduction to Jazz HUM110
American Music HUM210
Introduction to Bilingualism HUN101*
Introduction to Philosophy HUP101
Ethics and Moral Issues HUP104
Philosophy of Religion HUP105
Social and Political Philosophy HUP106
Latin American Civilizations HUS204

Mathematics Core Courses (choose one):

College Algebra and Trigonometry MAT115
Elementary Statistics I MAT120
Precalculus MAT200
Calculus I MAT201

Natural and Applied Sciences Core Courses (choose one):

Fundamentals of Biology I SCB201
Fundamentals of Chemistry I SCC201
Foundations of Chemistry SCC210
Fundamentals of Physics I SCP201

Social Science Core Courses (choose one):

Introduction to Anthropology SSA100
Introduction to Cultural Anthropology SSA101
Introduction to Microeconomics SSE103
Introduction to Macroeconomics SSE104
U.S. Power & Politics SSP101
Political Ideas and Ideologies SSP250
Introduction to Sociology SSS100
General Psychology SSY101

**Fulfills urban study requirement.

Note:

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.
### Deaf Studies Option

www.lagcc.cuny.edu/programs/aa/dest.asp

<table>
<thead>
<tr>
<th>Requirement</th>
<th>Credits</th>
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<tbody>
<tr>
<td>Counseling</td>
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<tr>
<td>New Student Seminar</td>
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<tr>
<td>English: 11 credits</td>
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</tr>
<tr>
<td>Composition 1 ENG101</td>
<td>3</td>
</tr>
<tr>
<td>Writing through Literature ENG102</td>
<td>3</td>
</tr>
<tr>
<td>Preparing and Writing the Research Paper</td>
<td>2</td>
</tr>
<tr>
<td>Select one of the following courses:</td>
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<tr>
<td>The Short Story ENG250</td>
<td></td>
</tr>
<tr>
<td>The Novel ENG260</td>
<td></td>
</tr>
<tr>
<td>The Drama ENG265</td>
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</tr>
<tr>
<td>Afro-American Literature ENG225</td>
<td></td>
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<tr>
<td>Images of Women in Literature ENG245</td>
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<tr>
<td>Introduction to Poetry ENG270</td>
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<tr>
<td>Humanities: 6 credits</td>
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<tr>
<td>Select two of the following courses:</td>
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<tr>
<td>Oral Communication HUC101</td>
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<tr>
<td>Creative Drama HUC180</td>
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<tr>
<td>Introduction to Intercultural Communication HUN180**</td>
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<tr>
<td>Creative Thinking: Theory and Practice HUP103</td>
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<tr>
<td>Liberal Arts: 3 credits</td>
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</tr>
<tr>
<td>Humanism, Science and Technology: Liberal Arts Seminar LIB200</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics: 3 credits</td>
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</tr>
<tr>
<td>Elementary Statistics MAT120</td>
<td>3</td>
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<tr>
<td>Natural and Applied Sciences: 23 credits</td>
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<tr>
<td>Natural Science courses</td>
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<tr>
<td>Select one of the following sequences:</td>
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<tr>
<td>Fundamentals of Biology I SCB101</td>
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<tr>
<td>Fundamentals of Biology II SCB202</td>
<td>or</td>
</tr>
<tr>
<td>Fundamentals of Chemistry I SCC201</td>
<td></td>
</tr>
<tr>
<td>Fundamentals of Chemistry II SCC202</td>
<td>or</td>
</tr>
<tr>
<td>General Physics I SCP231</td>
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<tr>
<td>General Physics II SCP232</td>
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<tr>
<td>Human Services courses</td>
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<tr>
<td>All of the following are required:</td>
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<tr>
<td>Orientation to Human Services HSC101</td>
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<tr>
<td>American Sign Language I HSI180</td>
<td>3</td>
</tr>
<tr>
<td>American Sign Language II HSI181</td>
<td>3</td>
</tr>
<tr>
<td>American Sign Language III HSI182</td>
<td>3</td>
</tr>
<tr>
<td>American Sign Language IV HSI183</td>
<td>3</td>
</tr>
<tr>
<td>Social Science: 9 credits</td>
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</tr>
<tr>
<td>Introduction to Sociology SSS100</td>
<td>3</td>
</tr>
<tr>
<td>Sociology of American Deaf Communities SSS190</td>
<td>3</td>
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<tr>
<td>Select one of the following courses:</td>
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</tr>
<tr>
<td>Themes in American History to 1865 SSH201</td>
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</tr>
<tr>
<td>Western Civilization from Ancient Times to the Renaissance SSH103</td>
<td></td>
</tr>
<tr>
<td>Western Civilization from the Renaissance to Modern Times SSH104</td>
<td></td>
</tr>
<tr>
<td>World History from Ancient Times to 1500 SSH105</td>
<td></td>
</tr>
<tr>
<td>World History from 1500 to the Present SSH106</td>
<td></td>
</tr>
<tr>
<td>General Psychology SSY101</td>
<td></td>
</tr>
<tr>
<td>Urban Anthropology SNA182**</td>
<td></td>
</tr>
<tr>
<td>History of Minorities SNA183**</td>
<td></td>
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<tr>
<td>Cooperative Education: 5 credits</td>
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<tr>
<td>Cooperative Education Preparation HSS014</td>
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<tr>
<td>Part-time internship (required for all students)</td>
<td>2</td>
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<tr>
<td>Full-time internship (required for all students)</td>
<td>3</td>
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<tr>
<td>One elective must be an urban study course.</td>
<td></td>
</tr>
<tr>
<td>**Fulfills urban study requirement</td>
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</tbody>
</table>

**Total Credits: 60**

### International Studies Option

www.lagcc.cuny.edu/programs/aa/iso.asp

<table>
<thead>
<tr>
<th>Requirement</th>
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</tr>
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<tbody>
<tr>
<td>Counseling</td>
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<tr>
<td>English: 8 credits</td>
<td></td>
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<tr>
<td>Composition 1 ENG101</td>
<td>3</td>
</tr>
<tr>
<td>Writing Through Literature ENG102</td>
<td>3</td>
</tr>
<tr>
<td>Writing the Research Paper ENG103</td>
<td>2</td>
</tr>
<tr>
<td>Humanities: 6 credits</td>
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</tr>
<tr>
<td>Two Language Courses</td>
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</tr>
<tr>
<td>(No exemption credit will be given for previous knowledge of a foreign language)</td>
<td></td>
</tr>
<tr>
<td>Liberal Arts: 4 credits</td>
<td></td>
</tr>
<tr>
<td>*Integrating Seminar: Liberal Arts Cluster LIB110</td>
<td>1</td>
</tr>
<tr>
<td>Humanism, Science and Technology: Liberal Arts Seminar LIB200</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics: 3 credits</td>
<td></td>
</tr>
<tr>
<td>Elementary Statistics MAT120</td>
<td>3</td>
</tr>
<tr>
<td>Natural and Applied Sciences: 3 credits</td>
<td></td>
</tr>
<tr>
<td>Select one of the following courses:</td>
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</tr>
<tr>
<td>Topics in Biological Sciences SCB101</td>
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<tr>
<td>Topics in Chemistry SCC101</td>
<td></td>
</tr>
<tr>
<td>Biological Chemistry SCC140</td>
<td></td>
</tr>
<tr>
<td>Topics in Physical Sciences SCP101</td>
<td></td>
</tr>
<tr>
<td>Social Science: 6 credits</td>
<td></td>
</tr>
<tr>
<td>Select one of the following courses:</td>
<td>3</td>
</tr>
<tr>
<td>Any history course except SNA183, SNA199, SNA240</td>
<td></td>
</tr>
<tr>
<td>Introduction to Anthropology SNA100</td>
<td></td>
</tr>
<tr>
<td>Cultural Anthropology SNA101</td>
<td></td>
</tr>
<tr>
<td>U.S. Power and Politics SSP101</td>
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<tr>
<td>Political Ideas and Ideologies SSP250</td>
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<tr>
<td>Introduction to Sociology SNA100</td>
<td></td>
</tr>
<tr>
<td>General Psychology SSY101</td>
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</tr>
<tr>
<td>History (choose one):</td>
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</tr>
<tr>
<td>Survey of Latin American and Caribbean History SSH232</td>
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</tr>
<tr>
<td>Western Civilization From Ancient Times to the Renaissance SSH103</td>
<td></td>
</tr>
<tr>
<td>Western Civilization from the Renaissance to Modern Times SSH104</td>
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</tr>
<tr>
<td>World History from Ancient Times to 1500 SSH105</td>
<td></td>
</tr>
<tr>
<td>World History from 1500 to the Present SSH106</td>
<td></td>
</tr>
<tr>
<td>East Asian Civilization and Cultures SSH110</td>
<td></td>
</tr>
<tr>
<td>Cooperative Education: 6 credits</td>
<td></td>
</tr>
<tr>
<td>Fundamentals of Professional Advancement CEP121</td>
<td>3</td>
</tr>
<tr>
<td>Full-Time Internship CEP201</td>
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</tr>
<tr>
<td>(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits: 60**
Labor and Community Organizing Option

www.lagcc.cuny.edu/programs/aa/coo.asp

Counseling
New Student Seminar 0

English: 11 credits
Composition I ENG101 3
Writing through Literature ENG102 3
Preparing and Writing the Research Paper ENG103 2
Journalism/"The Craft of Gathering and Reporting the News" ENG211 3

Humanities: 3 credits
Oral Communication HUC101 3
English/Humanities: 3 credits
Public Speaking HUC106 3

Liberal Arts: 4 credits
*Integrating Seminar: Liberal Arts Cluster LIB110 1
Humanism, Science, and Technology: Liberal Arts Seminar LIB200 3

Mathematics: 3 or 4 credits
Select one of the following courses: 3-4
Mathematics and the Modern World MAT107 3
Elementary Statistics I MAT120 3
Precalculus MAT200 4

Natural and Applied Sciences: 6 credits
Liberal Arts Lab Science Elective 3
Liberal Arts Science or Math Elective 3
Select only course designations beginning with SCB, SCC, SCH or SCP.

Social Science: 9 credits
Introduction to Sociology SSS100 3
Social Movements SSS102 3
Intro to Labor and Community Organizing SSN103 3

Cooperative Education: 6 credits
Fundamentals of Professional Advancement CEP121 3
Full-Time Internship CEP201 3
(Both Day and Extended Day students are required to take CEP121.
Extended day students may take CEP201 or an unrestricted elective course.)

Liberal Arts Electives: 6 credits
Community Dynamics: Impact on Human Services HSN103 3

Select one of the following courses: 3
Themes in American History to 1865 SSH101 3
Themes in American History since 1865 SSH102 3

Unrestricted Electives: 9 credits
Computers and Society CIS/SSD105 3
Select two of the following courses: 6
Conflict Resolution HSC180 3
The Urban Economy SSN189 3
Practical Politics of New York City SSN192 3
Urban Anthropology SSN182 3
Women in Society SSN1210 3
Perspectives on Homelessness HSN110 3
Leadership SSN190 3
History of Minorities SSN183 3
Environmental Psychology SSN184 3
Sociology of Black Community SSN186 3
Urban Black Psychology SSN280 3
History of New York City SSN240 3

*Introductory Cluster Requirement
An Introductory Cluster containing four courses with an Integrated Seminar (LIB110 1 credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take Composition I ENG101. Extended day students may substitute a Liberal Arts elective.

Total credits: 60
## Latin American Studies Option

Counseling
- New Student Seminar: 0 credits

**English: 11 credits**
- Composition I ENG101: 3 credits
- Writing Through Literature ENG102: 3 credits
- Preparing and Writing the Research Paper ENG103: 2 credits
- Liberal Arts Elective: 3 credits

**Humanities: 3 credits**
- Liberal Arts Elective: 3 credits

**English/Humanities: 3 credits**
- Liberal Arts Elective: 3 credits

**Liberal Arts: 4 credits**
- *Integrating Seminar: Liberal Arts Cluster LIB110: 1 credit
- Humanism, Science and Technology: Liberal Arts Seminar LIB200: 3 credits

**Mathematics: 3 credits**
- Liberal Arts Elective: 3 credits

**Natural and Applied Sciences/Mathematics: 6 credits**
- Liberal Arts Science Elective: 3 credits
- Liberal Arts Science or Math Elective: 3 credits

**Social Science: 9 credits**
- Select one of the following courses: 3 credits
  - Introduction to Sociology SSI100
  - Themes in American History to 1865 SSH101
  - Themes in American History since 1865 SSH102
  - Western Civilization from Ancient Times to the Renaissance SSH103
  - Western Civilization from the Renaissance to Modern Times SSH104
  - World History from Ancient Times to 1500 SSH105
  - World History from 1500 to the Present SSH106
  - East Asian Civilization and Societies SSH110
  - Afro-American History SSH231
  - Afro-American History SSH232

**Cooperative Education: 6 credits**
- Fundamentals of Professional Advancement CEP121: 3 credits
- Full-Time Internship CEP201: 3 credits

(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)

**Liberal Arts Electives: 6 credits**
- Students in the Latin American Studies option take the following courses: 3 credits
  - Latin American Literature 1 HUS200
  - Latin American Literature 2 HUS201

**Unrestricted Electives: 9 credits**
- Students in the Latin American Studies option take the following courses: 9 credits
  - Latin American Civilizations HUS204
  - Advanced Spanish Composition HUS210
  - Introduction to Bilingualism HUN101

*Introductory Cluster Requirement*
- An Introductory Cluster containing four courses with an Integrated Seminar (LIB110 1 credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take Composition I ENG101. Extended day students may substitute a Liberal Arts elective.

**Total Credits: 60**
**Media Studies Option**

www.lagcc.cuny.edu/programs/aa/medstud.asp

<table>
<thead>
<tr>
<th>Counseling</th>
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</tr>
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<tr>
<td><strong>English: 11 credits</strong></td>
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<tr>
<td>Composition 1 ENG101</td>
<td>3</td>
</tr>
<tr>
<td>Writing Through Literature ENG102</td>
<td>3</td>
</tr>
<tr>
<td>Preparing and Writing the Research Paper ENG103</td>
<td>2</td>
</tr>
<tr>
<td>Liberal Arts Elective</td>
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<tr>
<td><strong>Humanities: 3 credits</strong></td>
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<tr>
<td>Liberal Arts Elective</td>
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<tr>
<td>English/Humanities: 3 credits</td>
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<td>Liberal Arts Elective</td>
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<tr>
<td><strong>Liberal Arts: 4 credits</strong></td>
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<tr>
<td>*Integrating Seminar: Liberal Arts Cluster LIB110</td>
<td>1</td>
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<tr>
<td>Humanism, Science &amp; Technology: Liberal Arts Seminar LIB200</td>
<td>3</td>
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<tr>
<td><strong>Mathematics: 3 credits</strong></td>
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<tr>
<td>Liberal Arts Elective</td>
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</tr>
<tr>
<td><strong>Natural and Applied Sciences/Mathematics: 6 credits</strong></td>
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<tr>
<td>Liberal Arts Lab Science Elective</td>
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</tr>
<tr>
<td>Liberal Arts, Science or Math Elective</td>
<td>3</td>
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<tr>
<td>(For Natural &amp; Applied Sciences, select only course designations beginning with SCB, SCC, SCH or SCP)</td>
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<tr>
<td><strong>Social Science: 9 credits</strong></td>
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<tr>
<td>Art and Society HUN192**</td>
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</tr>
<tr>
<td>Select one of the following courses:</td>
<td></td>
</tr>
<tr>
<td>Any history course except SSN183, SSN199, SSN240</td>
<td></td>
</tr>
<tr>
<td>Introduction to Anthropology SSA100</td>
<td></td>
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<tr>
<td>Cultural Anthropology SSA101</td>
<td></td>
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<tr>
<td>U.S. Power and Politics SSP101</td>
<td></td>
</tr>
<tr>
<td>Political Ideas and Ideologies SSP250</td>
<td></td>
</tr>
<tr>
<td>Introduction to Sociology SSS100</td>
<td></td>
</tr>
<tr>
<td>General Psychology SSS101</td>
<td></td>
</tr>
<tr>
<td>Select one of the following courses:</td>
<td></td>
</tr>
<tr>
<td>Themes in American History to 1865 SSH101</td>
<td>3</td>
</tr>
<tr>
<td>Themes in American History since 1865 SSH102</td>
<td></td>
</tr>
<tr>
<td>Western Civilization from Ancient Times to the Renaissance SSH103</td>
<td></td>
</tr>
<tr>
<td>Western Civilization from the Renaissance to Modern Times SSH104</td>
<td></td>
</tr>
<tr>
<td>World History from Ancient Times to 1500 SSH105</td>
<td></td>
</tr>
<tr>
<td>World History from 1500 to the Present SSH106</td>
<td></td>
</tr>
<tr>
<td>East Asian Civilization and Societies SSH110</td>
<td></td>
</tr>
<tr>
<td>Afro-American History SSH121</td>
<td></td>
</tr>
<tr>
<td>Survey of Latin American and Caribbean History SSH232</td>
<td></td>
</tr>
<tr>
<td><strong>Cooperative Education: 6 credits</strong></td>
<td></td>
</tr>
<tr>
<td>Fundamentals of Professional Advancement CEP121</td>
<td>3</td>
</tr>
<tr>
<td>Full-Time Internship CEP201</td>
<td>3</td>
</tr>
<tr>
<td>(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)</td>
<td></td>
</tr>
<tr>
<td><strong>Liberal Arts Electives: 6 credits</strong></td>
<td></td>
</tr>
<tr>
<td>Students in the Media Studies option take the following courses:</td>
<td></td>
</tr>
<tr>
<td>Introduction to Mass Media HUC120</td>
<td>3</td>
</tr>
<tr>
<td>Art of Film HUC150</td>
<td>3</td>
</tr>
<tr>
<td><strong>Unrestricted Electives: 9 credits</strong></td>
<td></td>
</tr>
<tr>
<td>Students in the Media Studies option take the following courses:</td>
<td></td>
</tr>
<tr>
<td>American Film HUC270</td>
<td>3</td>
</tr>
<tr>
<td>Video Production HUC240</td>
<td>3</td>
</tr>
<tr>
<td>Introduction to Computer Art HUA125</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total credits: 60**

*Introductory Cluster Requirement*

An Introductory Cluster containing four courses with an Integrated Seminar (LIB110 1 credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take Composition 1 ENG101. Extended day students may substitute a Liberal Arts elective.

**Fulfills urban study requirement**
Theater and Communication Option

Counseling
New Student Seminar 0

English: 11 credits
Composition I ENC101 3
Writing Through Literature ENC102 3
Preparing and Writing the Research Paper ENC103 2
Liberal Arts Elective 3

Humanities: 3 credits
Liberal Arts Elective 3

English/Humanities: 3 credits
Liberal Arts Elective 3

Liberal Arts: 4 credits
*Integrating Seminar: Liberal Arts Cluster LIB110 1
Humanism, Science and Technology: Liberal Arts Seminar LIB200 3

Mathematics: 3 credits
Liberal Arts Elective 3

Natural and Applied Sciences/Mathematics: 6 credits
Liberal Arts Science Elective 3
Liberal Arts Science or Math Elective 3
(For Natural & Applied Sciences, select only course designations beginning with SCB, SCC, SCH or SCP)

Social Science: 9 credits
Introduction to Intercultural Communication HUN/SSN180** 3
Select one of the following courses: 3
Any history course except SSN183, SSN199, SSN240
Introduction to Anthropology SSA101
Cultural Anthropology SSA101
U.S. Power and Politics SSP101
Political Ideas and Ideologies SSP250
Introduction to Sociology SSS100
General Psychology SSY101

Select one of the following courses:
Themes in American History to 1865 SSH101 3
Themes in American History since 1865 SSH102 3
Western Civilization from Ancient Times to the Renaissance SSH103 3
Western Civilization from the Renaissance to Modern Times SSH104 3
World History from Ancient Times to 1500 SSH105 3
World History from 1500 to the Present SSH106 3
East Asian Civilization and Societies SSH110 3
Afro-American History SSH231 3
Survey of Latin American and Caribbean History SSH232 3

Cooperative Education: 6 credits
Fundamentals of Professional Advancement CEP121 3
Full-Time Internship CEP201 3
(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)

Liberal Arts Electives: 6 credits
Oral Communication HUC101 3
Art of Theatre HUC170 3

Unrestricted Electives: 9 credits
Select three of the following courses: 9
The Drama ENG265 3
Shakespeare ENG266 3
Public Speaking HUC106 3
Argumentation and Debate HUC109 3
Introduction to Mass Media HUC120 3
Acting I HUC190 3

Total Credits: 60

*Introductory Cluster Requirement
An Introductory Cluster containing four courses with an Integrated Seminar (LIB110 1 credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take Composition I ENC101. Extended day students may substitute a Liberal Arts elective.

**Fulfills urban study requirement
Liberal Arts: Mathematics and Science Curriculum: AS Degree

www.lagcc.cuny.edu/programs/as/las.asp

Counseling
New Student Seminar 0

English: 8 credits
Composition I ENG 101 3
Writing Through Literature ENG 102 3
Preparing and Writing the Research Paper ENG 103 2

Humanities: 3 credits
Elective 3

English/Humanities: 3 credits
Elective 3

Liberal Arts: 4 credits
*Integrating Seminar: Liberal Arts Cluster LIB110 1
Liberal Arts Seminar: Humanism, Science & Technology LIB200 3

Social Science: 9 credits
Liberal Arts Elective 3
Select one of the following courses:
Introduction to Anthropology SSA100 3
Cultural Anthropology SSA101 3
Introduction to Microeconomics SSE103 3
Introduction to Macroeconomics SSE104 3
U.S. Power and Politics SSP101 3
Political Ideas and Ideologies SSP250 3
Introduction to Sociology SSS100 3
General Psychology SSY101 3
Select one History course from the following:
Themes in American History to 1865 SSH101 3
Themes in American History since 1865 SSH102 3
Western Civilization from Ancient Times to the Renaissance SSH103 3
Western Civilization from the Renaissance to Modern Times SSH104 3
World History from Ancient Times to 1500 SSH105 3
World History from 1500 to the Present SSH106 3
East Asian Civilization and Societies SSH110 3
Afro-American History SSH231 3
Survey of Latin American and Caribbean History SSH232 3

Mathematics/Natural & Applied Sciences: 24 credits
At least one math course numbered MAT115 or higher and one laboratory science course must be included. Students may follow one of the suggested patterns below:

Biology/Health Sciences
Fundamentals of Biology I (SCB201), Fundamentals of Biology II (SCB202) 3
Fundamentals of Chemistry (SCC201), Fundamentals of Chemistry II (SCC202) 3
Electives from Natural and Applied Sciences** 3
Precalculus (MAT200) 3

Chemistry
Fundamentals of Chemistry I (SCC201), Fundamentals of Chemistry II (SCC202) 3
Organic Chemistry I (SCC251), Organic Chemistry II (SCC252) 3
Calculus I (MAT201), Calculus II (MAT202) 3
Electives from Natural and Applied Sciences or Mathematics Departments** 3
(For Natural and Applied Sciences, select only course designations beginning with SCB, SCC, SCH or SCP)

Liberal Arts and Engineering Laboratory I (MAE101) 1
Engineering Laboratory II (MAE103) 3

Mathematics
College Algebra and Trigonometry (MAT115)**, Precalculus (MAT200) (if needed)
Calculus I (MAT201), Calculus II (MAT202), Calculus III (MAT203) 3

Choose 5-12 credits from the following courses:
Elementary Statistics I (MAT120) 3
Elementary Statistics II (MAT121) 3
Linear Algebra (MAT210) 3
Introduction to Discrete Mathematical Structures (MAT220) 3
Elementary Differential Equations (MAT230) 3

Engineering Laboratory I (MAE101) 1
Engineering Laboratory II (MAE103) 3
General Physics I (SCP231) 3
General Physics II (SCP232) 3
Fundamentals of Chemistry I (SCC201) 3
Fundamentals of Chemistry II (SCC202) 3

Cooperative Education: 6 credits
Fundamentals of Professional Advancement CEP121 3
Full-Time Internship CEP201 3
(Both Day and Extended Day students are required to take CEP121.
Extended Day students may take CEP201 or an unrestricted elective course.)

Unrestricted Electives: 3 credits 3
One elective must be an urban study course.

Total credits: 60

*Introductory Cluster Requirement
An Introductory Cluster containing four courses with an Integrated Seminar (LIB110 1 credit) is required for all DAY students; students must take the Cluster during the 12-week session when they take Composition I ENG101.
Extended Day students may substitute a Liberal Arts elective.

** To be chosen by the student in consultation with a faculty advisor.
***MAT115 is a pre-requisite for MAT200.

Note:
Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.
Mortuary Science

www.lagcc.cuny.edu/programs/aas/msj.asp

The Mortuary Science Program, coordinated by the Natural and Applied Sciences Department, leads to an Associate in Applied Science (AAS) degree and career preparation as a funeral service practitioner.

The funeral service practitioner has responsibility for reposing and burial procedures carried out according to statutes, religious codes and traditions. This includes embalming, restorative arts and coordinating services.

Students in the Mortuary Science Program are given both a theoretical and a practical understanding of funeral home operation and are taught the public health roles of the funeral director and embalmer.

Mortuary Science is a joint program between LaGuardia Community College and the American Academy-McAllister Institute in Manhattan. AAMI is nationally accredited by the American Board of Funeral Service Education.

Students spend their first year at LaGuardia completing 27 liberal arts and unrestricted elective credits. The second year of the program is taught at AAMI, where the necessary practical training and coursework in mortuary science are completed. At AAMI, students earn an additional 33 credits, completing the requirements for the AAS degree (courses taken at AAMI are not listed in the LaGuardia catalog). Graduates serve residencies at funeral homes, and take the National Funeral Services Board Examination for New York State Licensure.

During their first year at LaGuardia, students pay all tuition and fees to the college bursar; during the second year at AAMI, the students pay AAMI tuition charges to the AAMI bursar.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. When basic skills courses or ESL are required, they are included in the program in place of unrestricted elective courses. For more information on basic skills requirements, see page 111.

Mortuary Science Curriculum: AAS Degree

| Counseling | 0 |
| English: 6 credits | 3 |
| Composition | ENG 101 | 3 |
| Writing Through Literature | ENG 102 | 3 |
| Humanities: 3 credits | |
| Oral Communication | HUC101 | 3 |
| Natural and Applied Sciences: 11 or 12 credits | |
| Biological Chemistry | SCC140 | 3 |
| or Fundamentals of Chemistry | SCC210 | 4 |
| Fundamentals of Biology I | SCB201 | 4 |
| Fundamentals of Biology II | SCB202 | 4 |
| Social Science: 6 credits | |
| Introduction to Sociology | SSS100 | 3 |
| General Psychology | SSY101 | 3 |
| Unrestricted Electives: 0 or 1 credit | 0-1 |
| Mortuary Science Courses: 33 credits | 33 |
| (to be taken at the American Academy-McAllister Institute of Funeral Service, Inc.) | |
| Accounting 101 | |
| Anatomy 131, 132, 133 | |
| Business Law 101 | |
| Chemistry 121, 122 | |
| Clinical Embalming 122 | |
| Computer Application to Funeral Service 101 | |
| Funeral Service Principles 121, 122 | |
| General Psychology & Dynamics of Grief 101 | |
| History of Funeral Service 101 | |
| Microbiology 121, 122 | |
| Mortuary Law 101 | |
| Pathology 121, 122 | |
| Principles of Counseling the Bereaved 101 | |
| Principles of Embalming 132, 133 | |
| Professional Ethics 101 | |
| Restorative Arts 121, 122 | |
| Small Business Management 122 | |
| State Rules and Regulations 101 | |
| Thanatology and Society 101 | |

Total credits: 60

Notes: Students must have a minimum 2.00 cumulative GPA to be considered for transfer to the second year of the program at the American Academy-McAllister Institute.

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
The Nursing Program, coordinated by the Natural and Applied Sciences Department, offers a course of study leading to the Associate in Applied Science (AAS) degree. The program prepares graduates to function as registered nurses in structured care settings, using the nursing process to provide direct care to clients of all ages. The curriculum contains a balance of nursing and general education courses to enable the graduate to provide direct client care within the legal and ethical framework of nursing. Classroom instruction for each nursing course is complemented by campus laboratory experience and actual clinical practice in area health care facilities. Graduates will be eligible to sit for the National Council of State Boards Licensure Examination (NCLEX-RN).

Special progression standards exist for nursing majors. Students admitted into this program since Fall 1994 are considered to be in the “pre-clinical” phase of the major. To progress to the “clinical” phase, students must meet specific criteria which are described in the Nursing Student Handbook. This handbook is available from the Admissions Office and from the program director. Achievement of the progression standards does not guarantee advancement to the clinical phase. Only a small number of students are admitted to the clinical phase of each program due to limited program capacity.

The Nursing Program is fully accredited by the National League for Nursing. Information regarding the accreditation status of the Nursing Program may be attained by contacting the National League for Nursing Accrediting Commission, Inc., 61 Broadway, 33rd floor, New York, NY 10006, (800) 669-1656 (ext. 156), website: www.nlnac.org.

Licensed Practical Nurses who are graduates of an approved LPN program may be eligible for an advanced standing pathway, which may exempt them from the first semester of nursing course work.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on the basic skills requirements, see page 111.

Note: The Nursing Student Handbook provides information on grading criteria, retention and graduation rates as well as a summary of the graduates' employment status. Descriptions of courses in the major can be found on page 96.

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### Nursing Curriculum: AAS Degree

#### Counseling
- New Student Seminar
- 0

#### English: 6 credits
- Composition I ENC101*
- Writing Through Literature ENC102
- 3

#### Natural and Applied Sciences: 15 credits
- Biological Chemistry SCC140*
- Fundamental of Human Biology I SCR203*
- Fundamental of Human Biology II SCR204
- General Microbiology SCR260
- 4

#### Social Science: 9 credits
- General Psychology SSY101*
- Developmental Psychology I SSY240
- Urban Sociology SSN187
- 3

#### Mathematics: 2 credits
- Mathematics of Medical Dosages MAT106
- 2

#### Nursing: 33 credits
- Fundamentals of Nursing SCR110
- Perspectives of Nursing SCR150
- Psychiatric Mental Health Nursing SCR200
- Medical Surgical Nursing I SCR210
- Trends in Nursing SCR260
- Parent-Child Health Nursing SCR270
- Medical Surgical Nursing II SCR290
- 8

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* Pre-Clinical Nursing Key Courses

Total credits: 65

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**Notes:**
- The nursing courses required for this program are only offered in the day during twelve-week sessions.
- No grade lower than “C-” will be accepted for any required science course. Science courses in which students earn a “D-,” “D,” or “D+” may be repeated with permission of the Chairperson of the NAS Department. When Key Courses with grades of “D-,” “D,” or “D+” are repeated, both course grades will be calculated in the Key Course average.
- A minimum grade of C- is required in MAT106.
- A minimum grade of C+ is required in a clinical course that is repeated.
- Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 65 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.
- Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
The Occupational Therapy Assistant Program is coordinated by the Natural and Applied Sciences Department, and offers a course of study leading to the Associate in Science (AS) degree.

Graduates work with occupational therapists providing services to persons with needs caused by physical injuries, developmental impairment, aging, mental health concerns, or other disabilities.

Such services include: using developmental and play activities to help the child who has growth problems and learning disabilities develop the skills to manage school and social learning; assisting the elderly and others with diminished physical endurance to perform essential tasks of daily living and achieve maximum independence; working with patients who have lost a limb to use a new prosthesis and master normal skills; designing and fabricating hand splints and instructing the client in their use; helping depressed clients feel more positively toward their environment through the use of productive activity; and making it easier for the socially withdrawn person to interact with others through the use of planned group experiences.

Special progression standards exist for occupational therapy assistant majors. Students admitted into this program since Fall 1994 are considered to be in the "pre-clinical" phase of the major. To progress to the "clinical" phase, students must meet specific criteria which are described in the program's handbook. These handbooks are available from the Admissions Office and from the program director. Achievement of the progression standards does not guarantee advancement to the clinical phase. Currently, approximately thirty-six students are admitted to the clinical phase of the program each semester due to limited program capacity. The Occupational Therapy Program is accredited by ACOTE, The Accreditation Council for Occupational Therapy Education of the American Occupational Therapy Association (AOTA), located at 4720 Montgomery Lane, P.O. Box 31220, Bethesda, MD 20824-1220. AOTA's telephone number is (301) 652-AOTA.

Graduates are eligible to sit for the national certification exam for the occupational therapy assistant, administered by the National Board for Certification in Occupational Therapy (NBCOT). Most states require licensure in order to practice. State licensure is usually based on the NBCOT certification exam. However, New York State does not require the exam for practice as an occupational therapy assistant. All Occupational Therapy Assistant students must complete fieldwork within 18 months of completing their academic work.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on basic skills requirements, see page 111.

Descriptions of courses in this major can be found on page 97.

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**Occupational Therapy Assistant**

www.lagcc.cuny.edu/programs/as/ota.asp

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**Occupational Therapy Curriculum: AS Degree**

**Counseling**

New Student Seminar 0

**English: 6 credits**

Composition I ENG101* 3

Writing Through Literature ENG102 3

**Humanities: 3 credits**

Liberal Arts Elective 3

**Natural and Applied Sciences: 10 credits**

Fundamentals of Human Biology I SCB203* 4

Fundamentals of Human Biology II SCB204 4

Community Health SCN195* 2

**Social Science (Psychology): 12 credits**

General Psychology SSY101* 3

Abnormal Psychology SSY230 3

Developmental Psychology I SSY240 3

Group Dynamics SSY260 3

**Occupational Therapy Foundations and Skills: 14 credits**

Introduction to Occupational Therapy SCO101 3

Physical Aspects of Human Growth & Development SCO200 2

Occupational Therapy Skills and Functional Activities I SCO214 3

Occupational Therapy Skills and Functional Activities II SCO215 3

Functional Pathology SCO230 3

**Occupational Therapy Theory and Practice: 8 credits**

Occupational Therapy Process: Psychosocial Dysfunction and Geriatric Conditions SCO204 4

Occupational Therapy Process: Physical and Developmental Disabilities SCO205 4

**Cooperative Education: Fieldwork: 7 credits**

Occupational Therapy Co-op Prep SCO054 0

Occupational Therapy Clerkship for Psychosocial/Disfunction and Geriatric Conditions SCO284 1.5

Occupational Therapy Clerkship for Physical/Developmental Disabilities SCO285 1.5

Occupational Therapy Fieldwork in Psychosocial Dysfunction and Geriatric Conditions SCO294 2

Occupational Therapy Fieldwork in Physical and Developmental Disabilities SCO295 2

**Liberal Arts Electives: 3 credits**

(Any course in Communication Skills, English, Human Services, Humantities, Library, Mathematics, Natural and Applied Sciences, or Social Science except when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)

**Total credits: 63**

*Pre-Clinical Occupational Therapy key courses.

**Notes:**

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 63 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to insure maximum transferability of credits taken.
Paralegal Studies

www.lagcc.cuny.edu/programs/aas/ps.asp

Students who complete the Paralegal Studies curriculum, which is administered by the Accounting and Managerial Studies Department, will receive the Associate in Applied Science (AAS) degree. The program, which is approved by the American Bar Association, has the following goals:

1. To give students the necessary substantive knowledge and practical skills to qualify them for entry-level positions as paralegals.
2. To prepare students for successful transfer to a four-year college.
3. To give students the foundation for lifelong career and personal growth.

Paralegals, or legal assistants, assist lawyers in a wide range of activities. Lawyers remain responsible for paralegals’ work. (In general, paralegals may not themselves give legal advice, set fees, or represent clients in court.) In the litigation area, for example, paralegals may interview prospective clients, research the law, prepare court documents, and assist at trials. Paralegals who work on corporate legal matters may prepare contracts, maintain records, and ensure that a corporation has complied with various statutes and government regulations. Paralegals who work on real estate matters may prepare mortgage agreements and other documents relating to real estate transactions and assist at closings.

While the major employers of paralegals are private law firms, there are also job opportunities with government agencies, including district attorneys’ offices, and a variety of other employers. In addition, the curriculum may be highly suitable for students who contemplate pursuing other law-related careers, such as careers in law enforcement, or who seek a broad, practical knowledge of the law for its own sake.

The Paralegal Studies curriculum has been carefully designed to balance paralegal specialty and related courses with a broad liberal arts background. Students gain valuable practical experience through internships. Paralegal specialty courses are taught by experienced attorneys.

Students can transfer up to 30 credits earned at other, accredited colleges and universities. These transfer credits can include up to nine credits for paralegal specialty courses. To be transferable, paralegal specialty courses taken elsewhere must be part of a degree program and must be comparable to courses in the LaGuardia curriculum.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on basic skills requirements, see page 111.

Descriptions of courses in this major can be found on page 67.

Paralegal Studies Curriculum: AAS Degree

<table>
<thead>
<tr>
<th>Counseling</th>
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</thead>
<tbody>
<tr>
<td>English: 6 credits</td>
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</tr>
<tr>
<td>Composition I ENG101</td>
<td>3</td>
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<tr>
<td>Writing Through Literature ENG102</td>
<td>3</td>
</tr>
<tr>
<td>Humanities: 6 credits</td>
<td></td>
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<tr>
<td>Liberal Arts Elective*</td>
<td>3</td>
</tr>
<tr>
<td>Select one of the following courses:</td>
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<tr>
<td>Oral Communication HUC101</td>
<td>3</td>
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<tr>
<td>Voice and Diction HUC104</td>
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<tr>
<td>Communication in a Professional Setting HUC108</td>
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<tr>
<td>Mathematics: 3 or 4 credits**</td>
<td>3-4</td>
</tr>
<tr>
<td>Elementary Statistics I MAT120</td>
<td></td>
</tr>
<tr>
<td>or Precalculus MAT200</td>
<td></td>
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<tr>
<td>Social Science: 6 credits</td>
<td></td>
</tr>
<tr>
<td>Select one of the following:</td>
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</tr>
<tr>
<td>Any history course except SSN183, SSN199, SSN240</td>
<td>3</td>
</tr>
<tr>
<td>Cultural Anthropology SSA101</td>
<td></td>
</tr>
<tr>
<td>Introduction to Anthropology SSA100</td>
<td></td>
</tr>
<tr>
<td>U.S. Power and Politics SSP101</td>
<td></td>
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<tr>
<td>Introduction to Sociology SSS100</td>
<td></td>
</tr>
<tr>
<td>General Psychology SSY101</td>
<td></td>
</tr>
<tr>
<td>Liberal Arts Elective*</td>
<td>3</td>
</tr>
<tr>
<td>Accounting/Managerial Studies: 10 credits</td>
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<td>Principles of Accounting I AMA111</td>
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<tr>
<td>Introduction to Business AMM101</td>
<td>3</td>
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<tr>
<td>Business Law I AMM110</td>
<td>3</td>
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<tr>
<td>Paralegal Studies: 21 credits</td>
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<tr>
<td>Introduction to Paralegal Studies AMP101</td>
<td>3</td>
</tr>
<tr>
<td>Legal Research and Writing AMP204</td>
<td>3</td>
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<tr>
<td>Civil Litigation AMP205</td>
<td>3</td>
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<tr>
<td>Computer Applications for Paralegals AMP211</td>
<td>3</td>
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<tr>
<td>Select any three of the following courses:</td>
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<tr>
<td>Administrative Law AMP201</td>
<td>9</td>
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<tr>
<td>Wills, Trusts and Estates AMP202</td>
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<tr>
<td>Family Law AMP203</td>
<td></td>
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<tr>
<td>Real Estate Law for Paralegals AMP207</td>
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<tr>
<td>The Law of Business Enterprises for Paralegals AMP208</td>
<td></td>
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<tr>
<td>Criminal Law and Procedure AMP209</td>
<td></td>
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<tr>
<td>Immigration Law AMP212</td>
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<tr>
<td>Cooperative Education: 6 credits</td>
<td></td>
</tr>
<tr>
<td>Fundamentals of Professional Advancement CEP121</td>
<td>3</td>
</tr>
<tr>
<td>Full-Time Internship CEP201</td>
<td>3</td>
</tr>
<tr>
<td>(Both Day and Extended Day students are required to take CEP121. Extended Day students may take CEP201 or an unrestricted elective course.)</td>
<td></td>
</tr>
<tr>
<td>Unrestricted Electives: 1 or 2 credits**</td>
<td>1-2</td>
</tr>
</tbody>
</table>

Total credits: 60

*Either the Humanities Liberal Arts elective or the Social Science Liberal Arts elective must be an urban study course.

**Students who take MAT120 must take at least 2 credits of Unrestricted Electives. Students who take MAT200 must take at least 1 credit of Unrestricted Electives.

Notes:
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
Physical Therapist Assistant

www.laguardia.cuny.edu/ptaprogram

The Physical Therapist Assistant Program leads to an Associate in Applied Science (AAS) degree and its graduates are eligible for certification by the New York State Education Department, Office of the Professions. The program is approved by the New York State Education Department and accredited by the Commission on Accreditation of Physical Therapy Education (CAPTE), 1111 North Fairfax Street, Alexandria, Virginia 22314, website: www.apta.org. Passing the National Certification Exam after graduation is required.

Graduates work under the supervision of a licensed physical therapist in a variety of settings including: outpatient practices, hospitals, nursing homes, rehabilitation centers, schools and sports centers. Physical Therapist Assistants carry out the plan of care established by the Physical Therapist, and work with patients who have neuromuscular, musculoskeletal, cardiopulmonary and integumentary impairments.

The interventions performed by the Physical Therapist Assistant include therapeutic exercise, aerobic conditioning, gait training, pain management, heat and cold treatment, massage, electrotherapy, and muscle re-education. The program consists of classroom and laboratory courses at the college, as well as clinical affiliations in different physical therapy settings.

Special progression standards exist for physical therapist assistant majors. Students take courses in the "pre-clinical" phase of the major. To progress to the "clinical" phase, specific criteria must be met as described in the program's admissions handbook. The handbook is available from the Program Director in Room E-300 and from the Admissions Office. Achievement of the progression standards does not guarantee advancement to the clinical phase of the program. Completion of 50 volunteer hours in physical therapy with a letter from the physical therapy supervisor is required prior to entering the clinical phase.

Students who need additional skill development as determined by the college placement exam will be required to take basic skills and/or ESL courses. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on basic skills requirements, see page 111.

Descriptions of courses in this major can be found on page 99.

Physical Therapist Assistant
Curriculum: AAS Degree

| Counseling                                      | 0 |
| English: 6 credits                             | 3 |
| Composition I ENG 101*                         | 3 |
| Writing Through Literature ENG 102             | 3 |
| Natural and Applied Sciences: 16 credits       | 4 |
| Fundamentals of Human Biology I SCB203*        | 4 |
| Fundamentals of Human Biology II SCB204        | 2 |
| Community Health SCN195*                       | 3 |
| Functional Pathology SCQ230                    | 3 |
| Aging and Health SCH111                        | 3 |
| Social Science: 6 credits                      | 3 |
| General Psychology SSS101*                     | 3 |
| Developmental Psychology I SSS240              | 3 |
| Physical Therapist Assistant: 29 credits       | 2 |
| Introduction to Physical Therapy SCT101        | 2 |
| Ethical Concepts for PTA's SCT102              | 4 |
| Clinical Kinesiology SCT203                    | 4 |
| Therapeutic Procedures I SCT211                | 3 |
| Therapeutic Procedures II SCT212               | 3 |
| Mobility Skills in Physical Therapy SCT220     | 3 |
| Functional Gait Training Skills SCT221         | 3 |
| Orthopedic Therapeutic Exercise SCT230         | 4 |
| Neuromuscular Rehabilitation SCT231            | 4 |
| Affiliations: 8 credits                        | 2 |
| Physical Therapist Assistant Clinical Affiliation and Seminar I SCT290 | 3 |
| Physical Therapist Assistant Clinical Affiliation and Seminar II SCT291 | 3 |
| Physical Therapist Assistant Clinical Affiliation and Seminar III SCT292 | 3 |
| Liberal Arts Electives: 3 credits              | 3 |
| Select one of the following courses:           | 3 |
| Oral Communication                             | 3 |
| Critical Thinking HUP100                       | 3 |
| Group Dynamics SSS260                          | 3 |
| Volunteer Work                                 | 0 |
| 50 Hours of volunteer work in a Physical Therapy Department | 0 |

Total Credits: 68

* Pre-Clinical Physical Therapy Key Courses

Notes:
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 68 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or program faculty in the selection of elective courses to ensure maximum transferability of credits taken.
Practical Nursing Certificate

The Practical Nursing Program, coordinated by the Natural and Applied Sciences Department, offers a course of study leading to a certificate. The program is divided into two phases, pre-clinical and clinical. The Program is a 48-credit, certificate-bearing program organized to be rigorous, but supportive of adult learners from diverse cultural and literacy experiences. It provides students with the opportunity to complete the course of study in 12 months after completion of the pre-clinical phase.

The program prepares men and women to function as practical nurses, performing tasks and responsibilities within the framework of case finding, health teaching, health counseling, and the provision of supportive and restorative care in health care facilities that offer chronic and acute care services. All services are provided within the scope of the Nursing Practice Act.

The classroom instruction for each nursing course is complemented by campus laboratory experience and clinical practice in area health care facilities. Graduates will be eligible to sit for the National Council of State Boards Licensure Examination - for Practical Nursing (NCLEX-PN).

Special progression standards exist for nursing majors. Students admitted into this program are considered to be in the “pre-clinical” phase of the major. To progress to the “clinical” phase, students must meet specific criteria. Achievement of the progression standards does not guarantee advancement to the clinical phase. Admission to the clinical phase of the program is competitive due to the program’s limited capacity.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on the basic skills requirements, see page 111.

Descriptions of courses in this major can be found on page 96.

Practical Nursing Certificate Curriculum

<table>
<thead>
<tr>
<th>Counseling</th>
<th>0</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Student Seminar</td>
<td>3</td>
</tr>
<tr>
<td>English: 3 credits</td>
<td>4</td>
</tr>
<tr>
<td>Composition I ENG101*</td>
<td>4</td>
</tr>
<tr>
<td>Natural and Applied Sciences: 8 credits</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Human Biology I SCB203*</td>
<td>3</td>
</tr>
<tr>
<td>Fundamentals of Human Biology II SCB204</td>
<td>3</td>
</tr>
<tr>
<td>Social Science: 6 credits</td>
<td>2</td>
</tr>
<tr>
<td>General Psychology SSY101*</td>
<td>2</td>
</tr>
<tr>
<td>Developmental Psychology I SSY240</td>
<td>2</td>
</tr>
<tr>
<td>Mathematics: 2 credits</td>
<td>2</td>
</tr>
<tr>
<td>Mathematics of Medical Dosages MAT106*</td>
<td>2</td>
</tr>
<tr>
<td>Nursing: 29 credits</td>
<td>20</td>
</tr>
<tr>
<td>Fundamental Nursing Concepts and Skills SCL101</td>
<td>5</td>
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<tr>
<td>The Science and Art of Nursing: Introduction to Practical Nursing SCL102</td>
<td>2</td>
</tr>
<tr>
<td>Pharmacology and Nutrition Across the Health Continuum SCL103</td>
<td>2</td>
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<tr>
<td>Courses to be developed</td>
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</tr>
</tbody>
</table>

Total credits: 48

*Pre-clinical Key Courses

Note:
Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 48 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.
Admission to the School Foodservice Management Program is available only to students referred to LaGuardia by District Council 37/Local 372 and/or the New York City Office of School Food and Nutrition Services. Those referred are employed in school foodservice positions, such as school lunch assistants, school lunch aides and school lunch helpers.

The School Foodservice Management program at LaGuardia awards the Associate in Science (AS) degree to those who successfully complete the program. The degree fulfills the academic requirements for eligibility for promotion to a school lunch manager position with the Office of School Food and Nutrition Services, NYC Department of Personnel. Students may also choose to pursue their bachelor’s degree at a senior college of their choice.

Cooperative education internships are completed at student’s work sites under the direction of their district supervisors. The internships are accompanied by internship seminars, designed to assist students with problems and to provide reinforcement for technical and human-relations skills.

Applications for the program are submitted through the District Council 37 Education Fund. The basic skills testing and any additional basic skills courses required in reading, writing and mathematics are also provided by the Education Fund of District Council 37. Courses in Foodservice Management are offered in the day and evening in consideration of students’ work schedules.

Descriptions of courses in this major can be found on page 93.

**School Foodservice Management Curriculum: AS Degree**

<table>
<thead>
<tr>
<th>Category</th>
<th>Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Counseling</td>
<td>New Student Seminar</td>
</tr>
<tr>
<td>English: 6 credits</td>
<td>Composition ENG 101, Writing Through Literature ENC 102</td>
</tr>
<tr>
<td>Humanities: 3 credits</td>
<td>Oral Communication HUC 101</td>
</tr>
<tr>
<td>Mathematics: 3 credits</td>
<td>Mathematics and the Modern World MAT 107</td>
</tr>
<tr>
<td>Natural and Applied Science: 9 credits</td>
<td>Community Health SCN 195, Foods Microbiology SCD 160, Introductory Nutrition SCD 200</td>
</tr>
<tr>
<td>Social Science: 9 credits</td>
<td>Introduction to Sociology SSS 100, General Psychology SSS 104, Urban Sociology SSS 187</td>
</tr>
<tr>
<td>Accounting/Managerial Studies: 3 credits</td>
<td>Principles of Management AMM 103</td>
</tr>
<tr>
<td>Foodservice Management: 18 credits</td>
<td>Foods SCD 100, Advanced Foods SCD 205, Quantity Food Production SCD 250, Foodservice Sanitation and Safety SCD 251, Quantity Food Purchasing SCD 252, Foodservice Administration SCD 253</td>
</tr>
<tr>
<td>Cooperative Education: 6 credits</td>
<td>Gateway to the Workplace CEP 100, Part-Time Internship CEP 151, Full-Time Internship CEP 201</td>
</tr>
<tr>
<td>Liberal Arts Electives: 3 credits</td>
<td>(Any course in Communication Skills, English, Human Services, Humanities, Library, Mathematics, Natural and Applied Sciences, or Social Science EXCEPT when noted as unrestricted elective in the Schedule of Classes or College Catalog. See pages 112-113 for these courses.)</td>
</tr>
</tbody>
</table>

**Total credits: 60**

Notes:

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 110-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to ensure maximum transferability of credits taken.
Travel and Tourism

The Travel and Tourism curriculum, a course of study leading to the Associate in Applied Science (AAS) degree, is administered by the Accounting and Managerial Studies Department and co-sponsored by the Social Science Department. The program is designed to prepare students either for career-entry positions in the travel and tourism industry or for transfer to tourism management programs at senior colleges.

The travel and tourism industry is very diverse. It encompasses airline, bus, rail and ship travel; hospitality enterprises (hotels, motels, resorts); tour packaging; retail and wholesale travel agencies; car rental; etc. Each of these areas has employment needs on several levels: sales, market research and development, packaging and advertising, customer service, operations, and general management.

The curriculum is designed to meet the needs of the industry, combining liberal arts courses, business courses, specialized courses in travel and tourism, and the experience of an internship. The Cooperative Education internship gives students experience as travel industry employees, enabling them to utilize the knowledge learned in the classroom and to learn the realities of working at their chosen profession. The travel operations courses in the program are taught by experienced professionals.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on the basic skills requirements, see page 111.

Descriptions of courses in this major can be found on page 68.
The Veterinary Technology Program provides for both classroom and clinical training in the areas of small and large animal care, and laboratory animal science. It is coordinated by the Natural and Applied Sciences Department and leads to an Associate in Applied Science (AAS) degree. The program meets requirements set forth by the New York State Department of Education, is accredited by the American Veterinary Medical Association, and will prepare the graduate for the licensing exam to be a Veterinary Technician.

Veterinary Technicians work under the supervision of a veterinarian in a wide variety of tasks. These include such services as: collection of specimens and performance of tests on blood and urine; preparation of animal patients and equipment for surgery; routine nursing of medical and surgical patients; exposure and development of radiographs; supervision of subordinate hospital personnel; and routine business management procedures. Special progression standards exist for veterinary technology majors.

Students admitted into this program since Fall 1999 are considered to be in the “pre-clinical” phase of the major. To progress to the “clinical” phase, students must meet specific criteria which are described in the Veterinary Technology Student Handbook. This handbook is available from the Admissions Office and from the program director. Achievement of the progression standards does not guarantee advancement to the clinical phase. Only a small number of students are admitted to the clinical phase due to program capacity. Students admitted to the clinical phase will be required to assist in care and handling of the program’s animals as part of course requirements.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the required course section of the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on the basic skills requirements, see page 111.

Please check with the Vet Tech Office for the latest information on specific health requirements for admission to the clinical phase of the program.

Descriptions of courses in this major can be found on page 101.

### Veterinary Technology Curriculum: AAS Degree

<table>
<thead>
<tr>
<th>English: 6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition 1 ENG101***</td>
</tr>
<tr>
<td>Writing Through Literature ENG102</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Humanities: 3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Communication HUC101</td>
</tr>
<tr>
<td>Speech: Voice and Diction HUC104</td>
</tr>
<tr>
<td>Communication in a Professional Setting HUC108</td>
</tr>
<tr>
<td>Communication and the Non-Native Speaker HUL100</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Science: 3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Anthropology SSA100</td>
</tr>
<tr>
<td>Cultural Anthropology SSA101</td>
</tr>
<tr>
<td>Introduction to Microeconomics SSE103</td>
</tr>
<tr>
<td>Introduction to Macroeconomics SSE104</td>
</tr>
<tr>
<td>Themes in American History Since 1865 SSH101</td>
</tr>
<tr>
<td>U.S. Power and Politics SSP101</td>
</tr>
<tr>
<td>Introduction to Sociology SSS100</td>
</tr>
<tr>
<td>General Psychology SSY101</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Mathematics: 3 or 4 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Select one of the following courses:</td>
</tr>
<tr>
<td>Mathematics and the Modern World MAT107**</td>
</tr>
<tr>
<td>Elementary Statistics I MAT120**</td>
</tr>
<tr>
<td>Precalculus MAT200**</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Social Science: 3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Anthropology SSA100</td>
</tr>
<tr>
<td>Cultural Anthropology SSA101</td>
</tr>
<tr>
<td>Introduction to Microeconomics SSE103</td>
</tr>
<tr>
<td>Introduction to Macroeconomics SSE104</td>
</tr>
<tr>
<td>Themes in American History Since 1865 SSH101</td>
</tr>
<tr>
<td>U.S. Power and Politics SSP101</td>
</tr>
<tr>
<td>Introduction to Sociology SSS100</td>
</tr>
<tr>
<td>General Psychology SSY101</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Natural and Applied Sciences: 12 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Vertebrate Anatomy and Physiology I SCB208</td>
</tr>
<tr>
<td>Vertebrate Anatomy and Physiology II SCB209</td>
</tr>
<tr>
<td>Biological Chemistry SCC140***</td>
</tr>
<tr>
<td>General Microbiology SCB260</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Veterinary Technology: 24 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Introduction to Veterinary Technology SCN101***</td>
</tr>
<tr>
<td>Research Animal Technology SCV201</td>
</tr>
<tr>
<td>Veterinary Nursing I SCV210</td>
</tr>
<tr>
<td>Veterinary Nursing II SCV211</td>
</tr>
<tr>
<td>Veterinary Radiography SCV212</td>
</tr>
<tr>
<td>Veterinary Laboratory Techniques SCV213</td>
</tr>
<tr>
<td>Farm Animal Nursing SCV214</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Cooperative Education: 6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gateway to the Workplace CEP100</td>
</tr>
<tr>
<td>Part-Time Internship CEP151</td>
</tr>
<tr>
<td>(Research Animal Practice)</td>
</tr>
<tr>
<td>Full-Time Internship CEP201</td>
</tr>
<tr>
<td>(Small Animal Practice)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Unrestricted Electives: 2 or 3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>2-3</td>
</tr>
</tbody>
</table>

**Total credits: 60**

*Progression standards are pending approval.

**Students taking MAT107 or MAT120 must take three credits of Unrestricted Electives. Students taking MAT200 must take two credits of Unrestricted Electives.

***Preclinical Veterinary Technology key course.

<table>
<thead>
<tr>
<th>Notes:</th>
</tr>
</thead>
<tbody>
<tr>
<td>The Veterinary Technology courses required for this program are offered in the day.</td>
</tr>
</tbody>
</table>

Students enrolled in this program who have not fulfilled their College Preparatory Initiative (CPI) requirement may need to take more than 60 credits in order to graduate. Additional information regarding CPI may be found on pages 119-120.

Students should consult with a counselor and/or faculty advisor in the selection of elective courses to insure maximum transferability.
The Word Processing Specialist Certificate curriculum, coordinated by the Accounting and Managerial Studies Department, enables students to develop proficiency in word processing while enhancing their communication skills.

Students who need additional skill development in reading, writing, mathematics and communication will be required to take basic skills and/or ESL courses. These courses are not listed in the required course section of the curriculum. The particular courses students must successfully complete are determined by their scores on the college placement test. For more information on the basic skills requirements, see page 111.

<table>
<thead>
<tr>
<th>Counseling</th>
</tr>
</thead>
<tbody>
<tr>
<td>New Student Seminar</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>English: 6 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Composition I ENG 101</td>
</tr>
<tr>
<td>Writing Through Literature ENG 102</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Humanities: 3 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oral Communication HUC 101</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Accounting/Computer Information Systems: 24 credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Essential Computer Skills AMO 116</td>
</tr>
<tr>
<td>Keyboarding II AMO 132</td>
</tr>
<tr>
<td>Keyboarding III AMO 133</td>
</tr>
<tr>
<td>Word Processing I AMO 155</td>
</tr>
<tr>
<td>Word Processing II AMO 156</td>
</tr>
<tr>
<td>Business Communications AMO 260</td>
</tr>
<tr>
<td>Electronic Office Procedures AMO 270</td>
</tr>
<tr>
<td>Introduction to Computers and Their Applications CIS 100</td>
</tr>
<tr>
<td>Introduction to Desktop Publishing CIS 175</td>
</tr>
<tr>
<td>Unrestricted Electives: 3 credits</td>
</tr>
</tbody>
</table>

**Total credits: 36**
Course Index

The academic courses approved for study at LaGuardia Community College are described in this section. Courses are listed by discipline and department, and are offered every semester unless otherwise indicated.

<table>
<thead>
<tr>
<th>Discipline</th>
<th>Department</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Accounting</td>
<td>Accounting and Managerial Studies</td>
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</tr>
<tr>
<td>Administrative</td>
<td>Accounting and Managerial Studies</td>
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<tr>
<td>Assistant</td>
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<td>Anthropology</td>
<td>Social Science</td>
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<tr>
<td>Art Appreciation</td>
<td>Humanities</td>
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<td>Art History</td>
<td>Humanities</td>
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<td>Bilingual Education</td>
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<td>Biology</td>
<td>Natural and Applied Sciences</td>
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<td>Business</td>
<td>Accounting and Managerial Studies</td>
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<td>Chemistry</td>
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<td>Chinese</td>
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<td>Commercial Photography</td>
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<td>Communication Skills</td>
<td>Communication Skills</td>
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<td>Composition/Writing</td>
<td>English</td>
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<td>Computer Art</td>
<td>Humanities</td>
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<tr>
<td>Computer Information</td>
<td>Computer Information Systems</td>
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<tr>
<td>Cooperative Education</td>
<td>Cooperative Education</td>
<td>73</td>
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<tr>
<td>Critical Thinking</td>
<td>Humanities</td>
<td>83</td>
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<tr>
<td>Counseling</td>
<td>Counseling</td>
<td>74</td>
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<tr>
<td>Dance</td>
<td>Humanities</td>
<td>81</td>
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<tr>
<td>Dietetics</td>
<td>Natural and Applied Sciences</td>
<td>93</td>
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<td>ESL</td>
<td>English as a Second Language</td>
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<tr>
<td>Economics</td>
<td>Social Science</td>
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<tr>
<td>English</td>
<td>English</td>
<td>75</td>
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<td>Engineering Science</td>
<td>Mathematics</td>
<td>91</td>
</tr>
<tr>
<td>Film and Media</td>
<td>Humanities</td>
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<td>French</td>
<td>Humanities</td>
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<td>Greek</td>
<td>Humanities</td>
<td>80</td>
</tr>
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<td>Health</td>
<td>Natural and Applied Sciences</td>
<td>94</td>
</tr>
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<td>Hebrew</td>
<td>Humanities</td>
<td>80</td>
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<td>History</td>
<td>Social Science</td>
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<td>79</td>
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<td>Human Services</td>
<td>Natural and Applied Sciences</td>
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<td>Italian</td>
<td>Humanities</td>
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<tr>
<td>Journalism</td>
<td>English</td>
<td>76</td>
</tr>
<tr>
<td>Liberal Arts Seminars</td>
<td>English, Humanities, Mathematics, Natural and Applied Sciences, and Social Science</td>
<td>89</td>
</tr>
<tr>
<td>Library</td>
<td>Library Media Resources Center</td>
<td>89</td>
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<tr>
<td>Literature</td>
<td>English</td>
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Note: Urban Study Courses (see individual department offerings)
Course Descriptions and Academic Department Information

Accounting/Managerial Studies Department

Room E223 (718) 482-5600

Department Faculty
Kathleen Forestieri, Chairperson; John Appiah, David Blumberg, James D. Carnigliaro, James Giordano, Millicent Gordon, Deborah Harrell, Janice Karlen, Elaine K. Leff, Magalie Lopez, Namy Lytle, Clarence McMaster, Paula Murphy, Michael Napolitano, Yves Richards, Fernando Santamaria, David A. Schoenberg, Barry L. Silverman, Angela

Accounting

AMA111/AMB111 Principles of Accounting I
4 credits; 6 hours
This course introduces students to the accounting cycle. The course reviews the fundamental concepts and techniques of recording transactions in journals, summarizing the transactions, using adjusting and closing procedures, and preparing financial statements and reports. It also introduces the student to valuation accounting relating to inventory and fixed assets, internal control concepts with an emphasis on cash controls, procedures for accounting for notes payable and receivable, and payroll accounting.
Pre- or Corequisite: CSE095, MAT095

AMC111 Principles of Accounting I Part 2
2 credits; 4 hours
This course is a continuation of AMC110. It reviews the essentials of accrual accounting and introduces the student to valuation methods relating to inventory and fixed assets, internal control concepts with an emphasis on cash controls, procedures for accounting for notes payable and receivable, and payroll accounting.
Prequisite: AMC110

AMA12 Principles of Accounting II
4 credits; 4 hours
This course introduces the student to the partnership and corporate forms of business organization with topics relating to their formation, operation and dissolution. In the area of corporation accounting, further topics explored are stock transactions, long-term liabilities and retained earnings. Cash flows and financial statement analyses are also covered as are an introduction to manufacturing concern accounting, related statements, and cost and revenue relationships.
Prequisite: CSE099, ENNENG099, AMA111 or AMC111

AMA130 Accounting Applications for the Microcomputer
3 credits; 3 hours
This course emphasizes management information systems by giving students “hands-on” microcomputer experience in the processing of accounting data. Lectures in an instructor-supervised laboratory environment, students will explore both spreadsheets and dedicated accounting software. Lectures on the design of accounting systems, computer-related management decisions, and strategic controls considerations will be integrated with applications.
Prequisite: AMA111 or AMC110, CIS100 or CIC100 or CIS101

AMA150 Individual Income Tax Procedures
3 credits; 3 hours
This course introduces the fundamental concepts of individual income taxation and the mechanics of Federal and New York State and City individual income tax return preparation. Some of the special topics are includable and excludable income, allowable deductions, personal exemptions and dependent filing status, computation of tax and credits against tax. Students will complete a Federal income tax return practice set.
Prequisite: CSE099, ENA/ENG099, MAT095
AMA201 Intermediate Accounting I  
3 credits; 4 hours  
This course is designed to give an overview of the foundations of accounting theory, the problems of current practice and its relationship to accounting theory as expressed in the Accounting Principles Board's Statements and the Financial Accounting Standards Board's Statements. The course includes a review of the accounting cycle and a detailed exploration of the reporting process, namely, the Statement of Financial Position, the Statement of Income, the Statement ofRetained Earnings and the Statement of Cash Flow.  
Prerequisite: CSE099, ENA/ENG099, MAT096, AMA112

AMA202 Intermediate Accounting II  
3 credits; 4 hours  
This course is a continuation of Intermediate Accounting I. It explores the problems of current practice and its relationships to Financial Accounting Theory as expressed in AICPA Opinions and FASB Statements. Topics examined include Inventories, Long-Term Investments in Stocks, Tangible and Intangible Fixed Assets, Liabilities and Income Taxe, Leases and Income Tax Allocation. Present Value Concepts and their applications are also covered.  
Prerequisite: AMA201

AMA210 Cost Accounting I  
3 credits; 4 hours  
Cost accounting methods and procedures are studied, including job-order costing, process costing, payroll accounting and budgeting. Emphasis is placed on the importance of cost accounting to management in controlling and analyzing cost data and in the areas of decision-making and planning future operations.  
Prerequisite: MAT096, AMA112

AMA211 Cost Accounting II  
3 credits; 4 hours  
This course continues the study of cost determination and analysis as taught in AMA210. Cost-volume relationships, systems designs, flexible budgets, standard costs, cost allocation, and applications of the contribution margin approach to decision-making are included. A continued emphasis is placed on the importance of cost data to management in the areas of decision-making and planning.  
Prerequisite: AMA210

Administrative Assistant

AM0116 Essential Computer Skills  
2 credits; 3 hours (2 lecture, 1 lab)  
This course will introduce basic computer skills and keyboarding on a computer. Emphasis in the course will be on the touch-typing concept of keyboarding and increasing speed and accuracy. The goal of the course will be to provide the opportunity for students to use the computer effectively to process information. This course will also explore the expanding role of computers in the contemporary business environment.  
Pre- or Corequisite: ESL/R008

AM0125 Terminology for Medical Office Support Personnel  
3 credits; 4 hours (3 lecture, 1 lab)  
This course is designed to develop the student's ability to interpret, spell, and pronounce medical terms through the use of a phonetic pronunciation system, audio tapes, flashcards and computer assisted instruction. This course is organized by body systems with combining forms of prefixes and suffixes, diagnostic procedures, pathology, treatment, and surgical procedures related to each system. This course is intended to train medical office support personnel in the use of medical terminology as it applies to the office setting.  
Pre- or Corequisite: CSE099, ENA/ENG099 or ESL/R008

AM0132 Keyboarding II Production Formatting  
2 credits; 4 hours  
This course is designed to increase the skills of students who have successfully completed Keyboarding I or its equivalent. Emphasis will be placed on intensive speed building and accuracy drills. Formatting for business correspondence, tabulations, and manuscripts will be covered. The final speed goal is 40-45 gross words per minute for five minutes with a maximum of five errors.  
Prerequisite: CSE099, ENA/ENG099, AM0116

AM0133 Keyboarding III Advanced Production Formatting  
2 credits; 4 hours  
This course is designed to increase the keyboarding and production skills of students who possess a minimum speed of 40 gross words a minute. Intensive speed, accuracy, and reinforcement drills will be stressed. Complex formats for letters, manuscripts, tabulations, memos, and business forms will be introduced. The final keyboarding speed goal is a rate of 50-55 gross words a minute for five minutes with a maximum of five errors.  
Prerequisite: AM0132

AM0141 C-Print I  
3 credits; 3 hours  
This is a beginning course designed to develop skills in a form of speech-to-print computer-assisted communication used primarily by deaf or hard-of-hearing persons. Emphasis will be on the principles and usage of the C-Print abbreviation system.  
Prerequisite: AM0116  
Pre- or Corequisite: AM0155, SSS190

AM0142 C-Print II  
3 credits; 3 hours  
This course will develop C-Print captioning skills using classroom-simulated lecture materials. Students will learn condensing strategies and will develop summarizing skills. Glossary creation and management along with editing and formatting of keynotes will be emphasized. Professional conduct and ethics of the C-Print captionist are included.  
Prerequisite: AM0141

AM0155 Word Processing I  
3 credits; 4 hours (3 lecture, 1 lab)  
This course introduces students to word processing on the microcomputer. Through hands-on practice, students will become proficient in the basic uses of a major word processing software package. Topics covered include creating, editing, storing, page formatting, printing, basic merging, and performing block functions using single files.  
Prerequisite: CSE099, ENA/ENG099, AM0116

AM0156 Word Processing II  
3 credits; 4 hours (3 lecture, 1 lab)  
This course is a continuation of Word Processing I. Emphasis will be placed on advanced word processing applications on the microcomputer. Topics will include advanced techniques of creating and merging files, advanced editing, specialized printing, and creating and using online resources such as thesaurus, math, sort, and macro commands.  
Prerequisite: AM0155

AM0170 Computerized Medical Information Management  
3 credits; 4 hours (3 lecture, 1 lab)  
This course will provide students with instruction in the preparation and maintenance of medical records, financial recordkeeping, patient and insurance billing, and processing of insurance forms and claims. It will provide students with a brief history of the medical profession, acquainting students with various medical laws and codes of ethics as they relate to medical office support personnel. This course will be enhanced by the use of medical software and a medical office simulation project.  
Prerequisite: CSE099, ENA/ENG099, MAT095  
Pre- or Corequisite: AM0116
AM0260 Business Communications
3 credits; 3 hours
This course provides students with the ability to exercise various communication tasks in business. Special consideration will be given to the mechanics of written English. Written activities will focus on memos, business letters, reports, and special communications (news releases and minutes). Oral communication will be refined and telephone skills will be emphasized.
Prerequisite: ENG101, HUC101
Pre- or Corequisite: AMO116

AM0270 Electronic Office Procedures
3 credits; 6 hours
Business skills such as word processing and machine transcription will be developed, integrated, and refined. Human relations skills, interoffice relationships, and organizational structure will be covered through job-related projects. Basic filing rules, mail procedures, and telephone techniques will be discussed. Hands-on training will be conducted in payroll processing, electronic record keeping, electronic calendaring and filing.
Prerequisite: AMO116, HUC101
Pre- or Corequisite: ENG101

Business

AMM101/AMB101 Introduction to Business
3 credits; 3 hours
This is an introductory course designed to acquaint the student with the role of business in our economy, the forms of organization, and the various business functions such as management, personnel, marketing and finance. Career opportunities in the business world are also explored. This course should be taken prior to any other business courses.
Prerequisite for AMM101: CSE095, ENA/ENG099
Prerequisite for AMB101: CSE095, ESL/ESR098

AMM102 Principles of Finance
3 credits; 3 hours
This course is a study of the monetary and credit systems of our economy and related policies and problems. In addition, the course addresses itself to the following: 1) commercial and noncommercial banking institutions and operations; 2) money and banking in relation to prices, economic growth, and international events.
Prerequisite: MAT095, AMM101 or AMB101

AMM103 Principles of Management
3 credits; 3 hours
This course is an analysis of the role of the manager and the functions of management in an enterprise. Consideration is given to the interlocking nature of these functions and the principles which are the basis for the practice of management. Attention is given to the impact of the external environment on the development of the managerial role and on managerial practice. This course is required for Business Administration and Management students prior to their first internship.
Prerequisite: AMM101 or AMB101

AMM104 Principles of Marketing
3 credits; 3 hours
This course explores the vital role of marketing in our economy. The factors of consumer behavior and motivation are covered to provide an understanding of market planning. The system of distribution of goods from producer to consumer is discussed by relating theory to actual case histories.
Prerequisite: AMM101 or AMB101

AMM108 Principles of Real Estate
3 credits; 3 hours
This course covers the social and economic impact of real estate, the nature and instruments of property rights, various types and aspects of property ownership, real estate brokerage operations and discussion of urban planning needs. Successful completion of the course material is required to take the New York State licensing examination. Students must obtain broker sponsorship in order to take the New York State licensing examination for Real Estate Salesperson.
Prerequisite: Permission of the department.

AMM110 Business Law I
3 credits; 3 hours
This course begins by introducing students to some basic aspects of the American legal system, including the courts, tort law and criminal law. It proceeds to an in-depth exploration of the law of contracts from their formation to their enforceability in court. Other topics include employment law, bankruptcy law and legal problems posed by the computerization of society.
Prerequisite: CSE095, ENA/ENG099

AMM111 Business Law II
3 credits; 3 hours
This course introduces the student to the important areas of products liability, consumer law, secured transactions, partnerships, corporations, agencies and bailments.
Prerequisite: AMM110

AMM115 Basics of Advertising
3 credits; 3 hours
This course gives a broad overview of advertising, its roles in marketing and as a motivational force in society. The nature of media and their creative and productive functions are discussed as they are related to advertising programs.
Prerequisite: AMM101 or AMB102

AMM116 Introduction to E-Business
3 credits; 3 hours
This course will provide a basic understanding of the tools, skills, business concepts, strategic opportunities, and social issues that surround the emergence of electronic commerce on the Internet. Current practices and opportunities in electronic payments, electronic retailing, electronic distribution and electronic collaboration are discussed. Some of the problems surrounding electronic commerce such as security, intellectual property rights, acceptable use policies and legal liabilities are included.
Prerequisite: CSE095, ENA/ENG099

AMM120 Office and Personnel Management
3 credits; 3 hours
This course, designed for Administrative Assistant majors, is an introduction to the principles and practices of office management and administration. It will include such topics as the office environment, employee/employer relations, job analysis and evaluation, fundamentals of motivation, the function of procedures and labor relations and grievances.
Prerequisite: CSE095, ENA/ENG099

AMM140 Introduction to Credit Management*
3 credits; 3 hours
This course is designed to introduce the student to the role of commercial credit and collection in today's business world. It will examine the role of the credit department within a company, the positions with the department and career possibilities. In addition, it will prepare the student to work as a collector in a credit department by explaining specialized terminology, collection policy, principles and procedures and necessary legal concepts.
Prerequisite: MAT095, AMM101 or AMB101, AMA111 or AMC110
This course is open to any student as an unrestricted elective but is primarily intended for students interested in the commercial credit and collection industry.

* AMM140, 141, and 142 are offered by Independent Study only. Please see the Accounting and Managerial Studies Department Chairperson.
AMM141 Financial Statement Analysis*
3 credits; 3 hours
This course will provide students with skills required to analyze financial statements for credit decisions. Students will examine income statements, statements of retained earnings, balance sheets, statements of cash flow and review trial balance information, schedules and notes supporting the financial statements. Students will also learn to make evaluations based on general economic conditions and economic conditions relating to a specific industry. A minimum of 6 hours of computer lab work is required. Prerequisite: AMM112

AMM142 Accounts Receivable Financing*
3 credits; 3 hours
This course explores concepts in economics, auditing, accounting, finance and commercial law relevant to accounts receivable financing decisions. It analyzes effects of economic factors on these decisions. Students will use auditing and accounting principles to verify the values of collaterals. Students will learn to apply basic finance mathematics and learn the legal principles of sales contracts, negotiable instruments and secured transactions. A minimum of 6 hours of computer lab work is required. Prerequisite: AMM140, AMM141

AMM150 Organizing and Operating a Small Business
3 credits; 3 hours
This course is a basic study of the importance of small business, its status, problems, and requirements for success. The course covers, among other things, the decision to go into business for one's self, the preparation needed, the methods of launching the business, and management functions involved in operating the business. Prerequisite: MAT095, AMM101 or AMB101
Prerequisite for Music Recording Technology majors: CSE099, ENA/ENG099

AMM155 Principles of Personal Selling
3 credits; 3 hours
This course is an introduction to the principles and practices of selling as a profession including such topics as the sales job, the sales environment, the sales process, and sales training. The dominant theme is professionalism in contemporary selling. Prerequisite: MAT095, AMM101 or AMB101

AMM260 Principles of International Business
3 credits; 3 hours
This is an introductory course designed to acquaint students with the policies, techniques and institutions that affect businesses operating in an international environment. Consideration will be given to the performance of business functions in an international context and basic terminology of international business. Prerequisite: AMM101 or AMB101

AMM261 Export/Import Procedure and Documentation
3 credits; 3 hours
This course examines the policies, procedures and documentation required for importing to and exporting from the United States. The legal foundation for regulation of international trade will be discussed. Students will learn how tariffs and other regulations apply to preparing transportation and international trade documents such as bills of lading, invoices, and certificates of origin. The importance of trade agreements for documentation will be examined. Prerequisite: CSE099, AMM260

AMM262 Global Marketing
3 credits; 3 hours
This course explores global marketing opportunities and how marketing principles and procedures apply to international business. Issues of global competition, communication and promotional effort are discussed in light of the environmental considerations that affect marketing strategy. Prerequisite: AMM260

* AMM140, 141, and 142 are offered by Independent Study only. Please see the Accounting and Managerial Studies Department Chairperson.

AMM263 International Finance
3 credits; 3 hours
This course will focus on principles and practices of financial activities within international markets. A discussion of letters of credit, drafts, and other banking documents used in foreign commerce will be included. Foreign exchange rates, financing of international trade, methods of reducing financial risk, and services provided by an international banker will also be examined. Prerequisite: AMM260

AMM264 Marketing on the Internet
3 credits; 3 hours
This course will introduce students to the marketing applications of developing information and communication technologies, especially the Internet. It will also examine how advanced technologies affect marketing functions. Consideration will be given to the development of an organization's marketing strategies in this dynamic environment. Prerequisite: AMM101 or AMM116

AMM195 Profile and Prospects of Business in New York City
3 credits; 3 hours
This is an urban study course which examines the status of business in New York City using various sources of data and field assignments such as visitations to the New York Stock Exchange, major businesses corporations and various government agencies. Students will learn how to develop a profile of business in New York City in terms of employee, type of industry, and form of ownership. Students will also learn about various social responsibility programs being offered by the business community, and will examine the many different career opportunities available in the NYC area. Prerequisite: MAT095, AMM101 or AMB101

Paralegal Studies

AMP101 Introduction to Paralegal Studies
3 credits; 3 hours
This course introduces the student to the legal system of the United States and to the role of the paralegal in it. Topics include the classifications and sources of law, the court system, the activities of the paralegal, and the legal and ethical restrictions on the paralegal's work. The ways in which computers have transformed legal practice are explored throughout. Prerequisite: CSE099
Pre- or Corequisite: ENG101

AMP201 Administrative Law
3 credits; 3 hours
This course concerns the paralegal's work with government agencies. It is especially concerned with those agencies, like U. S. Citizenship and Immigration Services, which have a direct effect on the lives of many individuals. Topics include the function and status of agencies in contemporary American society, the sorts of benefits to which various groups are entitled, and procedures for obtaining these benefits and challenging their denial or termination. Students learn how to prepare relevant documents. Instruction in the related uses of computers is an integral part of this course. Prerequisite: AMP101
Pre- or Corequisite: One of the following courses: HUC101 or HUC104 or HUC108

AMP202 Wills, Trusts and Estates
3 credits; 3 hours
This course deals mainly with the transfer of property after death and with the role and procedures of the Surrogate's Court. Students learn about the legal implications of dying with and without a will and the functions of trusts. They also learn how to assist in the preparation of the relevant legal documents, such as wills, trust instruments and estate tax returns. Instruction in the related uses of computers is an integral part of this course. Prerequisite: MAT095, AMP101
AMP203 Family Law
3 credits; 3 hours
The central concern of this course is the law governing marriage and its termination. Topics include creation of a valid marriage, prenuptial agreements, divorce, custody of children and adoption, among others. The role of the Family Court and its procedures are discussed, and students learn how to prepare relevant legal documents. Special problems posed by family-type arrangements outside marriage are also addressed. Instruction in the related uses of computers is an integral part of this course.
Prerequisite: AMP101

AMP204 Legal Research and Writing
3 credits; 3 hours
In this course, students learn how to find the answers to a broad range of law-related questions. They develop skills using both the resources of the law library and computerized research tools such as Lexis/Nexis. Much attention is also given to essential writing skills and the preparation of legal memos and documents.
Prerequisite: AMP101

AMP205 Civil Litigation
3 credits; 3 hours
This course is an intensive and thorough analysis of what happens in a civil lawsuit, from the decision to sue to the appeal and enforcement of judgment. Students learn how to prepare relevant legal documents and to assist attorneys in a variety of tasks at each stage of the proceedings. Instruction in the related uses of computers is an integral part of this course.
Prerequisite: AMP101

AMP207 Real Estate Law for Paralegals
3 credits; 3 hours
This course is concerned with real estate sales, leases and mortgages. By acquiring an essential knowledge of real estate law and practical skills such as document preparation, students learn how to participate reliably in a variety of real estate transactions. Instruction in the related uses of computers is an integral part of this course.
Prerequisite: MAT095, AMP101

AMP208 The Law of Business Enterprises for Paralegals
3 credits; 3 hours
This course examines the different types of business entities from a legal perspective. Topics include sole proprietorships, corporations, partnerships, and newer types of business entities such as limited liability companies. The advantages and disadvantages of each entity type are discussed. Students learn how to prepare relevant legal documents and to make appropriate use of computers in this area of the law.
Prerequisite: AMP101

AMP209 Criminal Law and Procedure
3 credits; 3 hours
This course is concerned with the practical aspects of criminal law and procedure as they pertain to the work of the paralegal. The first part of the course covers the nature of criminal liability, the elements of various crimes, and defenses to criminal accusations. The second part covers criminal procedure, from search and seizure through trial, sentencing, and appeal. Constitutional issues relating to search and seizure, self-incrimination and other matters are explored in depth. Students learn how to prepare relevant documents and to make appropriate use of computers in this area of the law.
Prerequisite: AMP101

AMP211 Computer Applications for Paralegals
3 credits; 4 hours (3 lecture, 1 lab)
This course focuses on those computer applications which are of central importance for paralegals. Students receive hands-on training using word-processing, spreadsheet, database, presentation and legal-specific software. Students also learn how to conduct computer-assisted legal research.
Prerequisite: MAT095, AMP101

AMP212 Immigration Law
3 credits; 3 hours
This course concerns the laws and procedures pertaining to immigration, naturalization and related matters. Topics include legal entry into and residence in the United States, qualifying for citizenship, and deportation. Students learn how to obtain relevant information and complete forms using both the resources of the law library and the Internet.
Prerequisite: AMP101

Travel and Tourism

AMT101 Introduction to the Travel Industry
3 credits; 3 hours
This course is an overview of the travel and tourism industry. It explores the structure, products and services of travel suppliers, such as transportation companies, accommodations and attractions; and of travel marketing organizations, such as travel agencies, tour packagers and tourism bureaus. The course also traces the historical development of travel and tourism and explores their roles in contemporary life.
Prerequisite: CSE099, ENA/ENG099, MAT095

AMT110 Airline Reservations and Ticketing
3 credits; 3 hours
This course introduces students to airline reservations and ticketing terminology, regulations and procedures. Students learn how to plan air itineraries using printed reference materials, to reserve seats, to calculate fares, and to issue tickets and other airline forms. Emphasis is placed on the appropriate interpretation of routing and fare rules.
Prerequisite: AMT101

AMT111 Airline Reservations Computer Systems
3 credits; 3 hours
This course is designed to introduce students to the operation of airline reservation computer systems. Students will learn formats to access information stored in the computer and to enter new data. Students will use these formats to make airline, rental car and hotel reservations, create passenger records, quote airline fares, and issue airline tickets.
Prerequisite: AMT110

AMT120 Basic Tour Planning
3 credits; 3 hours
This course is an introduction to research techniques used in tour planning by travel professionals. Students learn how to use information sources such as industry reference guides, travel guidebooks and brochures to select travel products suited to client needs. Students also learn the terminology and reservations procedures used by hotels, railroads, car rental companies, cruise lines and tour packagers. The major attractions of destinations in North America and the Caribbean are discussed.
Prerequisite: AMT101

AMT121 Advanced Tour Planning
3 credits; 3 hours
This course continues the study of tour planning, with emphasis on the principles of tour design and management. Topics include selecting escorted tours, planning customized independent tours, developing and administering group tour programs, and applying basic sales, marketing, and finance principles to the retail travel environment. Discussions will include the major attractions of destinations in South America, Europe, Africa, Asia, and the Pacific.
Prerequisite: MAT096, AMT120, ENG101, SSE125
AMT205 Travel, Tourism and Hospitality Law  
3 credits; 3 hours  
This course examines business law concepts and principles as they pertain to the travel, tourism and hospitality industry. General topics include the nature of American law and the legal system, negligence law and contract law. Industry-specific topics include the rights and responsibilities of airlines and other transportation providers, lodging facilities, restaurants, patrons and travel agents. Employment law and government regulation of the industry are also discussed.  
Prerequisite: AMT101

AMT211 Travel, Tourism and Hospitality Marketing  
3 credits; 3 hours  
This course examines the principles of marketing as applied in the travel, tourism and hospitality industry. Stages in the marketing cycle, including research, strategies, planning and the components of the marketing mix will be discussed. The role of marketing functions performed by urban tourism industry organizations as well as the tourism image/experience of New York City will be explored through field trips and/or guest speakers and community-based projects.  
Prerequisite: AMM101, AMT101

Communication Skills Department

Room E-115 (718) 482-5625  
The Communication Skills Department teaches courses in developmental reading, advanced reading, and study skills. The department encourages students to view reading as a thinking process and emphasizes placement comprehension college-level materials. The reading laboratory provides students with supervised tutorial assistance.

Department Faculty  
Hannahlyn Wilkens, Chairperson; Samuel K. Amoako, Evelyn Burg, Jose Fabara, Xiwu Feng, Mary C. Fjeldstad, Marcia Glick, Karen Kearns, William Kurzyna, Arthur Lau, Ernest B. Nieralta, Joyce Zaritsky.

CSE095 Essentials of Reading I  
0 credit; 5 hours (4 lecture, 1 lab)  
(Equivalent to Quick Start USR095)  
This course emphasizes developing students' ability to comprehend what they read on a literal level. Inferential reading is introduced. Narrative material is the focus, but appropriate exposition is also studied. Students read and interpret material from culturally relevant textbooks. Study strategies introduced are reinforced and applied to more difficult text. Specialized textbook vocabulary is targeted. Admission to this course is based on placement test scores.

CSE099 Essentials of Reading II  
0 credit; 5 hours (4 lecture, 1 lab)  
(Equivalent to Quick Start USR099)  
This course reinforces reading and study strategies applied to advanced texts of a culturally relevant nature. Emphasis is on exposition. Elements of critical reading are introduced. Standardized reading test strategies are a focal point in preparation for the CUNY Reading Test. Reading as a process is explained and experienced using students' own self-monitoring strategies. Critical reading of one or more texts is required. Admission to this course is based on placement test scores.

CSE103 Advanced Reading and Study  
3 credits; 3 hours  
This course is designed for the development of reading and study skills at an advanced level. Emphasis is on such skills as vocabulary improvement, previewing, note-taking, test-taking, summarizing and critical analysis. Students explore different types of exposition and styles of writing. Content area materials are utilized.  
Prerequisite: CSE099, ENG099, MAT095

CSE105 Vocabulary Enhancement  
3 credits; 3 hours  
This course introduces students to methods of expanding their vocabulary. The development of modern English is studied to explain the state of current vocabulary. Various types of dictionaries, Greek and Latin word elements, and meanings derived from context are explored. Special consideration is given to introducing the students to the vocabulary essential to their major area of study.  
Pre- or Corequisite: CSE099, ENA/ENG099

CSE110 Literacy and Propaganda  
3 credits; 3 hours  
This course introduces students to methods of understanding a highly developed and pervasive discourse: propaganda. Emphasis is placed on reading materials that use the persuasive and argumentative language of politics, advertising, cultural discussions and the media. Political speeches, essays, editorials, and articles are used to enlarge the student's experience with the materials and tools of propaganda. The student will acquire the intellectual framework and sophisticated level of literacy needed to recognize and respond to the aims of propaganda.  
Pre- or Corequisite: CSE095, ESL/ESR099  
Pre- or Corequisite: CSE099, ENA/ENG099

CSE120 Reading the Biography  
3 credits; 3 hours  
This course will introduce students to the critical reading and evaluation of biographies, autobiographies, memoirs, diaries and journals. The aims of the course will be: to evaluate claims to truth and truthful recollections; examine historical claims through first person accounts; develop awareness of the methods and techniques of biographical and autobiographical writing; understand the uses of biographical writing and its place in society; explore biographies and autobiographies as vehicles for the creation of the self. The student will become proficient and develop a deeper appreciation of biographical narratives and their uses in self-understanding. The materials to be read in class will vary by semester and the course may be thematically organized.  
Pre- or Corequisite: ESL/ESR098

CSE150 The Evolution of the Reading Experience  
3 credits; 3 hours  
This course is designed to familiarize the student with the cultural and technological factors which have defined and influenced the activity of reading. The emphasis of the course will be on the evolution of reading and the gradual changes affecting the reading experience. Students will be expected to understand significant developments that relate to reading: the invention of writing, the creation of books, the invention of the printing press, and more recent changes in print communication. This course will explore reading from the perspectives of other cultures and will trace the varieties of reading experiences that have been key features in the transformation of Western and non-Western cultures.  
Prerequisite: CSE099, ENG099

CSE200 Speed Reading  
2 credits; 3 hours  
This course is offered for students who are interested in power reading techniques. Emphasis is placed on the development of effective reading habits and the techniques of rapid reading, identifying authors' patterns of writing, skimming, scanning and ongoing practice with mechanical aids and timed exercises.  
Prerequisite: CSE099, ENA/ENG099, MAT095
CIC100 Introduction to Computers and Their Applications
3 credits; 4 hours (3 lecture, 1 lab)
This course introduces the student to the uses of computers in business. A minimum of one contact hour per week contains curriculum designed to improve basic skills deficiencies in mathematics by reinforcing arithmetic and algebraic concepts. Students learn the vocabulary of the computer field and the ways computers work. In the computer lab, students will learn how to use several popular application software programs, as well as to navigate the Internet. Admission to this course is based on college placement scores.
Prerequisite: ENA099
Pre- or Corequisite: CSE099, ENG099
Corequisite: MAT096

CIS100 Introduction to Computers and Their Applications
3 credits; 4 hours (3 lecture, 1 lab)
This course will introduce the student to the uses of computers in business. Students will learn the vocabulary of the computer field and how computers work. The course will teach students to use application software packages on microcomputers. In the computer lab, students will learn how to use several popular application software programs, as well as to navigate the Internet.
Prerequisite: CSE099, ENA/ENG099, MAT096

CIS101 Introduction to Computer Science
4 credits; 5 hours (3 lecture, 2 lab)
This is the first course in the Computer Science Program. An emphasis will be placed on algorithmic design using principles of object-oriented programming including objects and classes. Concepts such as inheritance, data abstraction, and polymorphism will be included. Students will be required to write several programs in an appropriate language using these concepts.
Prerequisite: CSE099
Pre- or Corequisite: EKA/EN/ENG099, MAT200 or MAT241

CIS/SSD105 Computers and Society
3 credits; 4 hours (3 lecture, 1 lab)
This course examines the relationship between human values, society and technology. It begins with an explanation of how computers work and then investigates how technology affects such issues as jobs, privacy, and education. Lab work is included.
Prerequisite: CSE099, ENA/ENG099, MAT095

CIS107 Computer Graphics
3 credits; 4 hours (3 lecture, 1 lab)
This course is a survey of the many ways in which computers can be used to generate graphic images. The course will introduce the students to input and output devices used for graphics as well as to popular graphics programs, including paint and draw programs and desktop publishing programs. Students will learn how to create business charts and presentations, how to incorporate clip art into written documents, and how to produce newsletters. Students will also work with a visual programming language.
Prerequisite: CIS101 or CIS109

CIS109 Introduction to Visual Programming
3 credits; 4 hours (3 lecture, 1 lab)
This course introduces Windows and GUI concepts and applications through objects and programming. Students will learn to develop real-world Windows applications through an event-driven language, such as Visual Basic. Additionally, students will learn basic programming concepts such as arithmetic operations, logical operations and interactive structures.
Prerequisite: CIC100 or CIS100 or CIS101

CIS110 Systems Analysis and Design
3 credits; 4 hours (3 lecture, 1 lab)
This course introduces the student to the analysis and design of computer-based systems with consideration given to organizational structures, form design, file design, data structures, scheduling, operations research techniques and hardware and software organization. Actual and simulated case studies will be utilized. The student will develop and program a prototype and document a comprehensive systems study.
Prerequisite: CIS109 or CIS195 or CIS196, ENG101

CIS111 E-Commerce Technology
3 credits; 4 hours (3 lecture, 1 lab)
This course will provide students with the fundamental skills required to build a successful e-commerce system. Topics include: client/server technologies, Web servers (e.g., Apache, IIS), connectivity with database systems, obtain/connect with secure certificates. This course will provide students with hands-on experience designing, implementing and monitoring business-customer web sites.
Prerequisite: ENG101, CIS161 or CIS166

CIS115 Educational Computing
3 credits; 4 hours (3 lecture, 1 lab)
This course is an introduction to the use of computer software (programs) designed for educational purposes. Students will survey and evaluate educational software written for various subjects and grades. Students will also learn about programming languages used in schools today and they will write short programs using several programming languages. The course will conclude with a look at the future of computers in schools, including the topic of hardware, as well as software. This course is designed for students in the Teacher Sabbatical Program in Computer Literacy.
Pre- or Corequisite: CIS100

CIS125 C/C++ Programming
3 credits; 4 hours (3 lecture, 1 lab)
This course introduces the C and C++ programming through the implementation of various algorithms and the use of an object-oriented approach. Topics include: input/output, expressions, operators, basic data types, functions, flow-control, macros and classes. Structured as well as object-oriented techniques will be emphasized. The course emphasizes structured design and problem solving. Laboratory assignments are required.
Prerequisite: CIS101 or CIS109, MAT200 or MAT241

CIS150 Databases from the PC to the Internet
3 credits; 4 hours (3 lecture, 1 lab)
This course will provide students with an overview of database management systems and databases. Students will learn how to design and create databases for professional and personal use. This course will also provide students with an introduction to CD-ROMs and the Internet, enabling students to conduct research and locate educational resources. This course is designed for students in the Teacher Sabbatical Program in Computer Literacy.
Prerequisite: CIS100
CIS160 Topics in CIS (To Be Announced)
3 credits; 4 hours (3 lecture, 1 lab)
This course is designed to explore a current topic in computer information systems. The specific topic, to be announced during advanced registration, will be selected from such areas as computer programming and languages, telecommunications, computer architecture, and artificial intelligence. Students will learn about the selected topic through a combination of lectures, readings, research, class discussions, and laboratory projects.
Prerequisite: CIS101 or CIS169 or CIS265, MAT200 or MAT241

CIS161 Principles of Multimedia and Web Design
3 credits; 4 hours (3 lecture, 1 lab)
This course explores various aesthetic and ergonomic issues from both the user and technical standpoints of Web design. Students are introduced to development tools to aid in the creation of multimedia applications. Topics include the human computer interface, site navigation, browser safe design, HTML, CSS, XML, layout control, templates, plug-ins, and image manipulation.
Prerequisite: CIS100 or CIS101 or CIC 100 or HUA 125

CIS162 Web Animation and Interactivity
3 credits; 4 hours (3 lecture, 1 lab)
Students will further develop their skills using advanced features of the development environments employed in CIS 161, Principles of Multimedia and Web Design. Students will further explore Web development via database connectivity, scripts, graphics, animation scripting, and digital cameras to develop catalog images. The lab portion will require the completion of a final project that demonstrates mastery of the material covered.
Prerequisite: CIS100 or CIS 101 or CIC 100 or HUA 125

CIS163 Internet Video and DVD Development
3 credits; 4 hours (3 lecture, 1 lab)
Students develop their skills in multimedia and streaming video tools that include: video capture, video editing, and video compression for streaming media. Students will be introduced to digital video software such as Final Cut Pro or Avid to create video that can be embedded into Web pages or burned into DVDs. Students will be required to complete a final project that demonstrates mastery of the material covered.
Prerequisite: CIS100 or CIS 101 or CIC 100 or HUA 125

CIS164 Web Programming I
3 credits; 4 hours (3 lecture, 1 lab)
This course introduces students to the Internet and the World Wide Web. Students will learn about Web browsers and HTML coding. A Web development tool will be used in the lab to generate Web pages. The basics of bitmapped images and digital audio and video will be covered.
Prerequisite: CIS100 or CIS101

CIS165 Web Programming II
3 credits; 4 hours (3 lecture, 1 lab)
This course is a continuation of Web Programming I. It includes dynamic HTML coding and object-oriented JavaScript programming. VBScript is introduced as well as Apache and Jigsaw webservers. Multimedia programming will be performed using Real Player and VRML technologies.
Prerequisite: CIS164
Pre- or Corequisite: CIS260

CIS166 Web Programming III
3 credits; 4 hours (3 lecture, 1 lab)
This course is a continuation of the Web Programming sequence. It provides an introduction to server-side programming including Java servlets, JSP (Java Server Pages), Microsoft ASP, Perl and CGI technologies. XML (Extensible Markup Language) will be used to categorize data. Server database programming will be introduced using SQL and ODBC.
Prerequisite: CIS167

CIS167 Spreadsheet Applications
2 credits; 4 hours (2 lecture, 2 lab)
This course introduces spreadsheet application software. Students will learn the uses of spreadsheets through extensive hands-on experience. This course will cover using formulas, working with multiple worksheets, creating charts and maps, working with ranges and what-if analysis, using macros, and working with database tables. Additionally, students will become familiar with the Windows environment and recordkeeping for general business applications.
Prerequisite: CIS100

CIS168 Introduction to Desktop Publishing
3 credits; 4 hours (3 lecture, 1 lab)
This course introduces students to desktop publishing--the art of producing typeset documents. Familiarization with equipment, desktop publishing software, and electronic printing will be emphasized. Students will receive hands-on training relating to typesetting on the microcomputer. Topics include input, composition, and output in electronic publishing.
Prerequisite: CIS100 or CIS101

CIS169 0bject-Oriented Programming
4 credits; 5 hours (4 lecture, 1 lab)
This is the second programming course in the Computer Science Program. The focus of the course will be object-oriented programming. Topics include constructors, superclasses, subclasses, strings, graphics, threads, polygons, inheritance, composition, and method overloading. Writing programs to implement user defined classes will be required.
Prerequisite: CIS101
Pre- or Corequisite: MAT200 or MAT241

CIS170 Structured Programming with COBOL
4 credits; 6 hours (4 lecture, 2 lab)
Algorithms discussed in this introductory course will be coded in COBOL. A structured approach will be stressed in the analysis of control break logic, sequential file updates, random file processing, ISAM programs, table handling and subprogram linkage.
Prerequisite: CIS100 or CIS101 or CIS100
CIS196 BASIC Assembler Language for Computer Science
5 credits; 6 hours (4 lecture, 2 lab)
This course is designed as a complete course in Assembler Language programming covering macros, conditional assembly and privileged instructions. Mathematical, scientific and business applications will be illustrated.
Prerequisite: CIC100 or CIS100 or CIS101

CIS230 Comparative Operating Systems
3 credits; 4 hours (3 lecture, 1 lab)
This course is an introduction to computer operating systems including mainframe and microcomputer operating systems. Students will learn operating system concepts and command languages for several operating systems. Topics will include memory management, data management, job scheduling, pooling, I/O management, security and networking as it applies to various operating systems.
Prerequisite: ENG101, CIS100 or CIS101 or AMO155

CIS231 Novell Network Operating System
3 credits; 4 hours (3 lecture, 1 lab)
This course will provide students with theoretical and practical knowledge needed to configure, optimize, administer and maintain a Novell Netware-based network. Topics will include: login scripts, user and group rights, trustee assignments, security issues, menu and command line utilities, application software supervisor, network optimization and installation, network directory services (NDS), tree structures, advanced and customized printing utilities, and troubleshooting. Upon completion of the course, students may choose to take the Certified Novell Administrator (CNA) exam.
Pre- or Corequisite: CIS230

CIS232 UNIX Network Operating Systems
3 credits; 4 hours (3 lecture, 1 lab)
This course is an introduction to the UNIX operating system. It is designed to teach students how to effectively integrate UNIX utilities and system calls within network administration. Additionally, it will teach students how to customize workstations through the use of LAN management and administrative functions. Upon completion of this course, students may choose to take the SCO ACE certification exam.
Pre- or Corequisite: CIS230

CIS233 Windows NT Network Operating System
3 credits; 4 hours (3 lecture, 1 lab)
This course will provide the student with a comprehensive knowledge of the Microsoft Windows NT operating system and network environment. Topics to be covered include an overview of the system architecture, the network environment, administration, security, and optimization. Students will be in a computer lab to learn the skills needed to install and configure NT systems and workstations and servers. This course will prepare students to take the first Microsoft Certification Exam in Systems Engineering (MCSE).
Pre- or Corequisite: CIS230

CIS241 Computer Electronics I
4 credits; 6 hours (4 lecture, 2 lab)
This is a course in the fundamentals of DC and AC electric circuit theory which will provide a basis for further study and concentration in computer repair and telecommunications. Among the topics to be considered are Ohm’s Law, power, Kirchhoff’s Laws, voltage divider rule, RC time constants, measurement techniques, and some basic electronic components such as resistors, capacitors and inductors. The laboratory work will include experiments using voltmeters, ammeters, oscilloscopes, and breadboards. The student should expect to pay for additional materials for this course.
Prerequisite: CSE099, ENA/ENG099
Pre- or Corequisite: MAT241

CIS242 Computer Electronics II
3 credits; 4 hours (3 lecture, 1 lab)
This course is a continuation of Computer Electronics I. Topics covered include parallel resonance, high and low passive filter circuits, transformers, semiconductor structure, diodes, BJT’s, FET’s, integrated circuits, power supply circuits, transistor amplifier circuits, operational amplifiers, oscillators, and modulation and receiver circuits. This course will emphasize the laboratory construction and troubleshooting of these circuits. The student should expect to pay for additional materials for this course.
Prerequisite: CIS241

CIS250 Database Concepts and Programming
3 credits; 4 hours (3 lecture, 1 lab)
This comprehensive course covers the concepts of data collection, organization and retrieval. The understanding of data structures and the analysis of file organization techniques will be emphasized. The principles of database design, selection and management will be introduced. Students will be given extensive laboratory experience with programming using a database application package.
Prerequisite: CIS109 or CIS195

CIS252 Advanced UNIX System Administration
3 credits; 4 hours (2 lecture, 2 lab)
This course is a continuation of the UNIX Network Operating System course. It provides students with the practical skills needed to serve as a UNIX System Administrator. Topics include login scripts, user administration and security, operating system installation and maintenance, installation of patches and programs, and maintenance and troubleshooting of servers and workstations. Students are encouraged to take the UNIX System Administration certification exam.
Prequisite: CIS232

CIS253 Advanced NT Systems Administration
3 credits; 4 hours (2 lecture, 2 lab)
This course is a continuation of the NT Operating Systems course. It provides the students with the practical skills needed to serve as an NT Administrator. Topics include profiles and policy editor, trust relationship between multiple domains, directory services, DHCP (Dynamic Host Configuration Protocol), IIS (Internet Information Services), WINS (Windows Internet Naming Service) and network monitoring. Students are encouraged to take the second certification exam offered by MCSE.
Prerequisite: CIS233

CIS260 Introduction to Teleprocessing
3 credits; 4 hours (3 lecture, 1 lab)
This course examines the field of data transmission and how it is used to communicate with the computer. Topics covered include the nature of the communication links and the hardware attached to them; common carriers and their services; the configuration of data communication systems including a description of the codes, modems, terminals, software and methods of line organization. Both a project and a case study are integral elements of the course and are carried out as a part of laboratory assignments.
Prerequisite: CIC100 or CIS100 or CIS101

CIS261 Internet Telephony
3 credits; 4 hours (3 lecture, 1 lab)
This course introduces students to voice over IP (VoIP), or packetized voice. Students will be exposed to Internet architecture and the handling of user traffic; various protocols including TCP and UDP, digital signal processing; voice coders; connecting to ISPs; modems, layered VoIP architecture; and performance considerations. Students will explore various Internet telephony solutions in the laboratory.
Prerequisite: CIS241
CIS262 Data Communications
4 credits; 4 hours (3 lecture, 1 lab)
This course covers various methods and techniques used in computer communications. The course is designed for telecommunications majors and will aid them in applying data communications skills to on-the-job situations. Main topics include message and packet switching, communication servers, distributed systems, and line control techniques. The laboratory portion prepares the student to sit for the Novell CNA exam. The student should expect to pay for additional materials for this course.
Prerequisite: CIS241

CIS263 Network Operations
4 credits; 4 hours (3 lecture, 1 lab)
This course introduces the student to general network theory with respect to the operation and management of modern networks. The student will use laboratory equipment to prepare print servers, file servers, multiplexers, routers and modems. Network monitoring will be introduced for troubleshooting skills and for traffic analysis in a LAN environment. The laboratory work is geared toward preparing the student for network certification.
Prerequisite: CIS262

CIS265 Computer Hardware Interfacing and Programming
3 credits; 4 hours (3 lecture, 1 lab)
The course will introduce the student to techniques in controlling a computer system and will include interfacing techniques such as memory mapped and isolated I/O, hardware/software interrupts, polling, and assembler language. Programming will include such topics as: addressing modes, arithmetic and logic instructions, conditional branching, stacks, subroutines.
Prerequisite: CIS100 or CIS100 or CIS101

CIS270 Data Center Operations: The Basics
3 credits; 4 hours (3 lecture, 1 lab)
This course introduces students to the field of computer operations and the duties associated with the job of computer operator. Students will be introduced to the operation and maintenance of computer hardware and peripherals on the mainframe, and to the keeping of vital logs associated with job scheduling, shift work, hardware repair and failure scheduling. Students will also gain a working knowledge of the VM/SP operating system utilizing CMS and CP commands.
Prerequisite: CIS100 or CIS100 or CIS101
Pre- or Corequisite: ENG101

CIS275 Data Center Operations: Advanced Topics
3 credits; 4 hours (3 lecture, 1 lab)
This course is a continuation of Data Center Operations: The Basics, and will emphasize advanced computer system operations including such topics as command languages, console commands, analysis of various microcomputer and mainframe operating systems, and computer resource management. This course will cover such operating systems as MS-DOS, UNIX, MVS and VM.
Prerequisite: CIS270

CIS285 Data Structures
3 credits; 4 hours (3 lecture, 1 lab)
This advanced computer science course focuses on data structures. It is assumed that the student is familiar with basic computer concepts of object-oriented programming. Topics will include linear data structures such as linked lists, stacks, queues and trees, file processing concepts, sorting and searching, and recursion. Programming assignments will focus on implementing complex algorithms.
Prerequisite: CIS190, MAT200 or MAT241

CIS289 Computer Technology Project Lab
2 credits; 2 hours
This course reinforces the student's concepts of digital circuit-board fabrication for computer and communication devices through the construction of projects. Topics include: lab safety, reading schematic diagrams, PC board layout design and construction, components soldering, and wire wrapping. The student will also learn the techniques of troubleshooting the devices using the instruments provided by the laboratory. The projects will vary. The student should expect to pay for additional materials for this course.
Prerequisite: CIS261 or CIS292

CIS291 Computer Logic, Design and Implementation I
4 credits; 5 hours (3 lecture, 2 lab)
This course will teach students how a computer logic statement is converted into an actual circuit. Using binary notation and Boolean algebra, the student will analyze switching networks of logic gates. The circuits which are mathematically described will then be translated into wiring diagrams and implemented on logic trainers and/or prototype boards. The student should expect to pay for additional materials for this course.
Prerequisite: CIS241, MAT241

CIS292 Computer Logic, Design and Implementation II
4 credits; 5 hours (3 lecture, 2 lab)
Students will learn to analyze sequential networks. The use of flip-flops in circuits, such as binary counters, serial adders, parallel multipliers and code converters, will be studied. Wave form analysis will be done in the lab using oscilloscopes and logic devices. The student should expect to pay for additional materials for this course.
Prerequisite: CIS291, MAT241

CIS293 Computer Repair and Network Maintenance
4 credits; 5 hours (3 lecture, 2 lab)
This course will provide students with the knowledge needed to diagnose and repair stand-alone and networked personal computers. The student will learn about hardware, including disk drives, mainboards, video boards, network interface cards, and modems. Students will learn how to set up, diagnose and repair network connections, servers, and workstations. Students will work with testing equipment such as oscilloscopes, patch boxes, LAN testers, and wiring tools. General software diagnostic tools will be used. The student should expect to pay for additional materials for this course.
Prerequisite: CIS231 or CIS232 or CIS233 or CIS292

CIS295 Computer Architecture
4 credits; 5 hours (3 lecture, 2 lab)
This course is intended for students who are in the computer science program or for students interested in developing a background in hardware concepts. Topics covered include number systems, logic circuits, arithmetic circuits, flip-flops, registers, memories, sample designs of simple computers and an introduction to microprogramming. The student should expect to pay for additional materials for this course.
Prerequisite: CIS196 or CIS265, MAT200 or MAT241

Cooperative Education Department
Room M204 (718) 482-5204

The Cooperative Education Department believes in the value of experience-based learning. Our mission is to engage students in a process of active learning that links work experience with opportunities for critical analysis and reflection.
Department Faculty
Doreen Kolomechuk, Chairperson; Karen Anderson, Richard Austin, Judy Bieber, James Cantwell, Diane Ducat, M. Reza Fakhari, Catherine Farrell, Michael Frank, Joan Heitner, Lisa Orbe, Stacy Perry, Deborah Robinson, Marie Sacino, Susan Sanchirico, Lucy Sardell, Caren Treiser, Jeffrey J. Weinraub, Francine White.

CEP100 Cooperative Education: Gateway to the Workplace
1 credit; 1 hour
This introductory Cooperative Education course is designed to foster career development in a changing work environment and to promote workplace access. Topics include: the transformation of work; the impact of diversity in the workplace; the importance of continuous learning and career planning; and the competencies essential for workplace success. Emphasis will be placed on the use of experience-based learning to facilitate the transition from academic to professional life. This course is a prerequisite for internship placement for students who are not in a First Year Academy.
Prerequisites: CSE099, ENA/ENG099, MAT095. Students must have completed 15 credits, including the introductory course in their major.

CEP121 Cooperative Education: Fundamentals of Professional Advancement
3 credits; 3 hours
This introductory Cooperative Education course will help students evaluate career and educational plans, develop professional literacy, and synthesize connections between coursework and professional opportunities. Theories of experiential learning and an overview of career planning will be introduced. Web-based activities, online reading and writing assignments, and a pre-internship project will culminate in the development of a professional ePortfolio. This course is a prerequisite for internship placement for students who are in a First Year Academy.
Pre/Corequisites: For All Academies: CSE099, ESL099. For Business/Technology Academy, CIS100 or 101 for students in CIS majors; AMM101 for students in Accounting/Business majors.

CEP151 Cooperative Education: Part-Time Internship
2 credits; 1 seminar hour; 15-20 internship work hours
This internship provides students with an experience-based learning opportunity to: explore or confirm career interests and plans; apply classroom learning to real work situations; and practice and strengthen interpersonal and technical skills. A minimum of 15-20 hours per week at the internship site is required during the Co-op cycle. A concurrent seminar provides a framework for students to analyze their internship experience.
Prerequisites: CEP100, Gateway to the Workplace or CEP 121, Fundamentals of Professional Advancement, (for students in a First Year Academy), and MAT096*

CEP201 Cooperative Education: Full-Time Internship
3 credits; 1 seminar hour; 25-40 internship work hours
This internship provides students with an experience-based learning opportunity to: explore or confirm career interests and plans; apply classroom learning to real work situations; and practice and strengthen interpersonal and technical skills. 25-40 hours per week at the internship site is required during the Co-op cycle. The internship is accompanied by a concurrent seminar that provides a framework for students to analyze their internship experience.
Prerequisites: CEP100, Gateway to the Workplace or CEP 121, Fundamentals of Professional Advancement (for students in a First Year Academy) and MAT096*

CEP202 Cooperative Education: Full-Time Internship
3 credits; 1 seminar hour; 25-40 internship work hours
This elective internship provides students with an experience-based learning opportunity to: explore or confirm career interests and plans; apply classroom learning to real work situations; and practice and strengthen interpersonal and technical skills. 25-40 hours per week at the internship site is required during the Co-op cycle. The internship is accompanied by a concurrent seminar that provides a framework for students to analyze their internship experience.
Prerequisite: CEP201*

Responsibility for deciding whether a student is ready to go out on an internship rests with the student's Cooperative Education (Co-op) Faculty Advisor. Appeal of this decision should be addressed to the Chair of Cooperative Education or a designee. Students must obtain a Permit to Register from their Co-op Faculty Advisor to register for internship courses.
Each of these courses (except Fundamentals of Professional Advancement and Gateway to the Workplace) includes both the Internship and the Internship Seminar. When registering, students must also register for the appropriate seminar code as specified by their Co-op Faculty Advisor. For more information, see pages 108-110.
Students in the following specialized curricular areas should check their departmental course descriptions for the appropriate internship and seminar codes: Human Services, Occupational Therapy Assistant, Dietetic Technician, Physical Therapist Assistant, Veterinary Technology.

*Students are required to have at least a 2.0 cumulative grade point average the semester prior to each internship semester and have completed the appropriate introductory and/or other prerequisite courses in their major.

Counseling Department
Room C245 (718) 482-5250
Counselors within the Division of Academic Affairs provide programs designed to help students with personal, academic and career concerns. Additionally, the department offers two courses, the New Student Seminar and a Career Development Seminar. These courses are described below.

Department Faculty

FSM000 New Student Seminar
0 credit; 1 hour
New Student Seminar is designed to provide an orientation for students to LaGuardia and to provide students with the knowledge and skills they need to be successful in college. Students will learn college policies and academic requirements, effective study skills, and test-taking strategies. In addition, students will engage in self and career exploration as well as academic planning and advisement.

FSC100 Career Development Seminar
1 credit; 1 hour
This seminar introduces the theory and process of career development. Students will examine personal and societal forces that influence career choice. In addition, an assessment of the students' career interests, values, and skills will help students understand the theory of career decision-making and apply this knowledge to their own career exploration. Through the use of career information resources, students will learn the relationship between self-assessment and career choice.
Prerequisite: CSE099, ENA/ENG099, MAT095
This course is a continuation of English 101. Students will reinforce and extend their composition, literature and journalism courses, teaches students writing and analytical skills necessary for both academic and career success.

The department offers courses in: composition, creative writing, journalism, literature, and urban studies.

Department Faculty

Composition/Writing

EN099 Basic Writing I
0 credit; 7 hours (6 lecture, 1 lab)
Basic Writing I is designed to introduce and develop college level writing proficiency through careful attention to the writing process. Emphasizing both the writing process and skills needed for timed and high stakes essays, such as the CUNY ACT, this course will prepare students for college level writing. Students will learn to employ argument in the short essay form to clearly express ideas in support of a position written in edited U.S. English.
Prerequisite: ESL/ESR 099

EN099 Basic Writing II
0 credit; 7 hours (4 lecture, 1 lab)
(Equivalent to Quick Start USW099)
Basic Writing II is designed to introduce and develop college level writing proficiency through careful attention to the writing process. Emphasizing both the writing process and skills needed for timed and high stakes essays, such as the CUNY ACT, this course will prepare students for college level writing. Students will learn to employ argument in the short essay form to clearly express ideas in support of a position written in edited U.S. English.
Prerequisite: ESL/ESR 099

ENG101 Composition I: An Introduction to Expository Writing
3 credits; 3 hours
In this course, students focus on the process of writing clear, correct and effective expository essays in response to materials drawn from culturally diverse sources. Emphasis is placed on using various methods of organization appropriate to the writer's purpose and audience. Students are introduced to argumentation, fundamental research methods and documentation procedures. Students write frequently both in and out of class. Admission to this course is based on college placement test scores.
Prerequisite: CSE095, ENA/ENG099, exemption or Pass on the ACT Writing and Reading Tests.
Pre- or Corequisite: CSE099

ENG102 Composition II: Writing Through Literature
3 credits; 3 hours
This course is a continuation of English 101. Students will reinforce and extend their abilities to write correct, well-organized essays using various rhetorical strategies and stylistic techniques. Poetry and at least one other literary genre from among fiction, drama and the nonfiction essay will be studied. Students will be introduced to a variety of writing strategies used in composing interpretive and analytical essays. Writing assignments will include a critical research paper.
Prerequisite: ENG101

ENG103 Preparing and Writing the Research Paper
2 credits; 2 hours
This course takes up the skills needed to prepare and write a formal research paper. The students learn and practice the skills involved in research reports for such major disciplines as the social sciences, humanities, human services, and English. These include: choosing an appropriate topic and limiting its focus; using library reference materials; outlining and taking notes; using quotations and paraphrases; preparing footnotes and bibliography; and, finally, incorporating these skills in the development of a typed manuscript.
Prerequisite: ENG101

ENG104 Intermediate Writing: The Peer-Tutor Experience
4 credits; 3 hours
This course is for students who want to perfect their writing while at the same time engaging in a peer-tutoring experience. It is designed to give students a better understanding of peer tutoring and of their writing, and to improve their skills in grammar and composition. Active discussion and criticism of one another's writing will form the core of this course. Carefully supervised peer-tutoring in the Writing Center will give students valuable additional experience and insight into the writing process. Students are permitted in class only with a grade of B or better in English 101. Those interested should have good writing skills and work well with people.
Prerequisite: ENG101

ENG106 Critical Writing: Analysis and Argumentation
3 credits; 3 hours
This course is designed to reinforce and add to the skills developed in Composition I. Emphasis will be placed on those skills central to planning, composing and revising essays of argumentation and critical analysis. Students will also work on developing greater variety and brevity of style and will write a series of essays, including precis, analyses and critiques, based on related readings. A final term paper will contain an independent evaluation of secondary sources.
Prerequisite: ENG101

ENG/ESL110 English Grammar Syntax
3 credits; 3 hours
This is a grammar and syntax course. The course focuses on the grammatical structures necessary in academic discourse. The course begins with a review of the English verb system and covers preposition use, English word order, adverb, adjective, and noun clauses, reported speech, article usage, complex conditionals, and passive voice. Additional topics may be selected in response to particular needs and interests of the students in the class.
Pre- or Corequisite: CSE095, ESL/ESR099

ENN193 Creative Writing Workshop
3 credits; 3 hours
This course introduces students to the elements of creative writing by using New York as a writer's laboratory. Field trips to city places such as schools, streets, parks will lead to writing that uses these places and the people in them as themes. Students will write a variety of creative pieces—sketches, brief narratives, poems, dramatic dialogues dealing with glimpsed New York life. Reading of and visits with New York writers writing on New York themes will complement these activities.
Prerequisite: ENG101

ENZ099 Basic Writing II: ACT Preparation Workshop
0 credit; 4 hours
Basic Writing II is designed to reinforce writing skills acquired in ENA/G 099 for students who have passed Basic Writing I but who have not yet passed the writing portion of the CUNY ACT Writing Test. The course provides concentrated test-taking strategies and practice necessary for writing argument essays under time constraints. The course also acts, by reinforcement and enhancement of essay writing, as additional preparation for ENG 101: Composition I.
Prerequisite: ENA/ENG 099
**Journalism**

**EN6210 Journalism: Its Scope and Use**
3 credits; 3 hours
This course provides an overview of journalism with an emphasis on print and related areas, such as in-house publications and public relations writing. Also to be covered are the history and impact of journalism, particularly the changing role of women and minorities in the press. News reporting, editing, production, newsroom organization and management will be explored through writing assignments, demonstrations and visits to LaGuardia's newspaper as well as professional news publications.
Prerequisite: ENG101

**EN6211 Journalism: The Craft of Gathering and Reporting the News**
3 credits; 3 hours
This course emphasizes writing various types of hard news stories for mainstream and community newspapers. Students also learn how to use different interview styles to cover a variety of news beats. Students will be involved in writing for the college newspaper. Field trips to newsrooms will enable students to write reports on potential careers in news writing.
Prerequisite: ENG101

**EN6212 Feature Writing for Newspapers and Popular Magazines**
3 credits; 3 hours
This course introduces students to writing various types of feature stories, such as the human interest story, the lifestyle column, opinion and reviews (films, theater, books). To gather material for these features, students will learn how to vary their interview techniques. Press law which applies to writing reviews and opinion will be covered. Each student will also have an opportunity to write a feature profiling cultural diversity at LaGuardia.
Prerequisite: ENG101

**EN6213 Broadcast Journalism: Writing for Radio**
3 credits; 3 hours
This course introduces student to the essentials of radio news writing. Students learn how to prepare for radio news interviews, how to outline, write and edit radio news spots of various styles, how to proofread stories to avoid violating FCC regulations. This course also focuses on writing for community-based radio stations. Students will visit a community radio station and will write about careers in radio journalism.
Prerequisite: ENG101

**Literature**

**EN6205 The Bible as Literature**
3 credits; 3 hours
This course is designed to analyze the Bible critically as a literary compilation with particular consideration to the following forms: myth, epic narrative, drama, poetry, prophecy and parable. Questions of literary history, canonicity, authorship and source materials are considered. Various translations (e.g., King James, Coverdale, Jerusalem) may be examined comparatively for their use of language. Selections for study are chosen for their impact on subsequent literature, as well as for their artistic merit.
Prerequisite: ENG101

**EN6225 Afro-American Literature**
3 credits; 3 hours
This course is a survey of African-American literature from its beginning to the present day, including the slavery era, the era of accommodation and protest, the Harlem Renaissance, the integrationist movement, the era of black aestheticism and the post-1960s decades. Writers to be studied might include Whitman, Douglass, DuBois, Hughes, McKay, Brown, Wright, Brooks, Walker, Ellison, Baldwin, Hansberry, Baraka, Morrison, Naylor, and Wilson, among others.
Prerequisite: ENG101

**EN6235 Cultural Identity in American Literature**
3 credits; 3 hours
This course will explore the diverse voices of writers in the United States through a consideration of cultural context. Literature to be discussed may include the contributions of African-American, Asian-American, Euro-American, Latino/a-American, and/or Native-American writers. Such themes as cultural dislocation, alienation, and re-envisioning identity will be highlighted.
Prerequisite: ENG101

**EN6245 Images of Women in Literature**
3 credits; 3 hours
This course is designed to familiarize the student with the ways in which the role of women has been portrayed in literature. By identifying various stereotypes and certain recurrent themes, students will be made aware of how literature reflects and sometimes determines societal expectations. Works by both male and female authors will be examined including such authors as Henrik Ibsen, D.H. Lawrence, Ernest Hemingway, Tennessee Williams, Edward Albee, Sylvia Plath, Mary Gordon, Toni Morrison, Alice Walker, and Audre Lorde.
Prerequisite: ENG101

**EN6247 The Woman Writer: Her Vision and Her Art**
3 credits; 3 hours
This course will explore the unique experience of the woman writer. Studying works written by women from a variety of cultures, races and classes will reveal how being a woman has influenced the woman writer's creative interpretation of the human condition. Maya Angelou, Charlotte Bronte, Maxine Hong Kingston, Emily Dickinson, Tillie Olsen, and Leslie Marmon Silko will be read.
Prerequisite: ENG101

**EN6248 Latino/Latina Writing of the United States**
3 credits; 3 hours
This course examines the contributions to American literature made by Chicana, Puerto Rican, Cuban, and Dominican women writers in the United States over the last thirty years. It surveys the variety of Latina writing and explores the ways in which Latina writers represent community, class, race, gender, culture, nation, and ethnicity in their works. Poetry, fiction, essays, autobiographical prose, and dramatic works by authors such as Julia Alvarez, Gloria Anzaldua, Sandra Cisneros, Judith Ortiz Cofer, Cristina Garcia, Cherrie Moraga, and Nicholasa Mohr will be studied.
Prerequisite: ENG101

**EN6250 The Short Story**
3 credits; 3 hours
This course will examine the development and conventions of the short story providing analysis of representative short stories in the context of their biographical, social, intellectual, and artistic backgrounds. Stories will be chosen to reflect a diversity of cultural, racial and ethnic experiences. Such authors as Ernest Hemingway, Willa Cather, Gloria Anzaldua, Tillie Olsen, and Leslie Marmon Silko will be read.
Prerequisite: ENG101

**EN6252 Sexuality in Literature**
3 credits; 3 hours
This course will introduce students to literature in which sexuality provides the dominant themes, motifs, or images. Issues such as sex as a metaphor for violence, pornography vs. eroticism, and the Idealized Lover may be discussed. Authors examined might include Chaucer, Bernard Malamud, Virginia Woolf, Walt Whitman, Donald Goines, Alta, and Victor Hernandez Cruz. Works such as For Colored Girls…, Loleita, Lady Chatterley's Lover, The Color Purple, and The Picture of Dorian Gray may be included.
Prerequisite: ENG101
ENG260 Humor in Literature
3 credits; 3 hours
This course introduces students to humor in literature from the Classic period to the present in the genres of drama, poetry, and fiction and provides them with interpretive skills required for an appreciation and understanding of the texts. In reading the work of such authors as Aristophanes, Shakespeare, Ishmael Reed, and Fran Lebowitz, the class will define and examine examples of humorous literature such as satire, romantic comedy, parody and farce.
Prerequisite: ENG101

ENG260 The Novel
3 credits; 3 hours
This course introduces students to ways of reading, discussing and writing about novels through a close reading and analysis of their elements, and a consideration of their social, cultural and artistic contexts. Novels from a diverse range of sexual, racial, class and ethnic perspectives, from the 18th century to the present, will be selected, including such authors as Jane Austen, James Baldwin, Charles Dickens, F. Scott Fitzgerald, Zora Neale Hurston, Yasunari Kawabata, Gabriel Garcia Marquez, Toni Morrison, Mark Twain and Richard Wright.
Prerequisite: ENG101

ENG261 Literature of Difference: Lesbian/Gay Writers
3 credits; 3 hours
This course will explore the literature and experiences of lesbian and gay writers. Examining these works will reveal how sexual orientation influences the authors’ creative interpretations of themselves, their culture, and the world at large. Themes of growing up gay, coming out, families, relationships, communities, homophobia, AIDS, aging, loss and renewal are explored. Such writers as Brown, White, Lorde, Leavitt, Gomez, Beam, Baldwin, Kramer, Anzaldúa and Sarton will be studied.
Prerequisite: ENG101

ENG262 The Drama
3 credits; 3 hours
In this course, students are introduced to the drama. The characteristics of the form will be examined. Examples of the genre from major periods of its development will be studied, including plays by a range of culturally diverse authors such as Sophocles, William Shakespeare, Oscar Wilde, Henrik Ibsen, Eugene O’Neill, Lillian Hellman, Lorraine Hansberry, Arthur Miller, Tennessee Williams, Samuel Beckett, John Guare and August Wilson.
Prerequisite: ENG101

ENG263 Shakespeare
3 credits; 3 hours
This survey course examines a selection of Shakespeare’s writings. It also looks at Renaissance social, intellectual, and cultural contexts in order to help students understand Shakespeare’s world. The course concentrates on various sonnets or poems and a representative selection of plays from the history plays, comedies, “problem plays,” tragedies, and romances. Whenever possible, through visits to the theatre or film viewing, students are introduced to the “living Shakespeare.”
Prerequisite: ENG101

ENG264 The Immigrant Experience in American Literature
3 credits; 3 hours
This course will offer an introduction to literature written by and about immigrants in America. Attention will be given to the immigrant’s experiences and struggles as seen in novels as well as poems, stories, and plays. The works of such major writers as Willa Cather, Arthur Miller, James T. Farrell, Mario Puzo, Philip Roth, Alex Haley, William Saroyan, Rene Marqués, Paule Marshall, Claude McKay, and Maxine Hong Kingston will be considered.
Prerequisite: ENG101

ENG265 Contemporary Black American Fiction
3 credits; 3 hours
This is a consideration and analysis of a selected number of major Afro-American fiction writers from 1952 to the present. Emphasis will be placed on both the survival of older fictional concerns (e.g., racism, violence, the search for identity) and the appearance of new trends (e.g., the employment of folklore materials, the revitalized use of Black dialects, the emergence of a group of women writers). Works by such authors as Ralph Ellison, James Baldwin, John Williams, Toni Morrison, Albert Murray, Alice Walker, Ernest Gaines and Ishmael Reed will be read.
Prerequisite: ENG101

ENG266 The Drama
3 credits; 3 hours
This course introduces students to ways of reading, discussing and writing about novels through a close reading and analysis of their elements, and a consideration of their social, cultural and artistic contexts. Novels from a diverse range of sexual, racial, class and ethnic perspectives, from the 18th century to the present, will be selected, including such authors as Jane Austen, James Baldwin, Charles Dickens, F. Scott Fitzgerald, Zora Neale Hurston, Yasunari Kawabata, Gabriel Garcia Marquez, Toni Morrison, Mark Twain and Richard Wright.
Prerequisite: ENG101

ENG267 The Immigrant Experience in American Literature
3 credits; 3 hours
This course will offer an introduction to literature written by and about immigrants in America. Attention will be given to the immigrant’s experiences and struggles as seen in novels as well as poems, stories, and plays. The works of such major writers as Willa Cather, Arthur Miller, James T. Farrell, Mario Puzo, Philip Roth, Alex Haley, William Saroyan, Rene Marqués, Paule Marshall, Claude McKay, and Maxine Hong Kingston will be considered.
Prerequisite: ENG101

ENG268 Poetry Writing
3 credits; 3 hours
This course is designed to introduce students to poetry writing. In writing and revising poems, students will utilize a variety of writing styles. For example, they will practice formal modes such as sonnet, blank verse, and sestina, and they will also write free verse. In order to locate stylistic and thematic approaches for their own poems, students will read and discuss poetry in a variety of styles and historical modes. They will have the opportunity to hear poets read works and discuss the writing process. Engaging frequently in peer critiquing of each other’s work, students will also develop criteria for evaluating their own poetry and for doing revision. By the end of the semester, they will learn how to submit poetry for publication.
Prerequisite: ENG101

ENG269 Literature and Film
3 credits; 4 hours
This course studies the similarities and differences between literature and film. By comparing and contrasting literary works (complete and excerpts) with films, the course illuminates the methods, structures and contents of the two media, as well as their relationship. Writers to be considered may include Shakespeare, Keats, Dickens, Dickinson, Wright, and West; films to be viewed may include those made by Griffith, Chaplin, Eisenstein, Kieferstahl, Flaherty and Resnais.
Prerequisite: ENG102, HUC150 or HUC270

ENG270 The Great Writer
3 credits; 3 hours
This course studies the work of a single major author. Students will examine the author in depth, exploring the writer’s career, major works, literary influence, and cultural context in order to understand his or her contribution to literary history. The author selected might be Chaucer, Milton, Austen, Dickens, Whitman, Dickinson, Wright, and West; films to be viewed may include those made by Griffith, Chaplin, Eisenstein, Kieferstahl, Flaherty and Resnais.
Prerequisite: ENG101

ENG271 Children’s Literature
3 credits; 3 hours
This course is designed to familiarize students with various types of children’s literature, including folklore, modern fantasy, picture books and realistic fiction. Students also learn how to evaluate the literary standards and pluralistic character of the literature and how to choose books to share with children from pre-school through elementary school. Through a study of works from such authors as Hans Christian Andersen, E.B. White, Virginia Hamilton, Pura Belpre, Laura Ingalls Wilder, Julius Lester, C.S. Lewis, Jamake Highwater, A.A. Milne and Maurice Sendak, among others, the basic themes of children’s literature will be explored.
Prerequisite: ENG101
ENN191 Art, Politics, and Protest  
3 credits; 3 hours  
This course examines political and/or protest art as expressed in literature, song,  
drama, and other arts. Issues in New York that stirred or are stirring artistic responses  
will be given special emphasis. Activities will include visits to museums such as the  
Metropolitan Museum of Art or the Museum of Modern Art, to galleries in  
Greenwich Village or Soho, to Ellis Island, to Broadway and off-Broadway produc­ 
tions and to individual communities.  
Prerequisite: CSE099, ENA/ENG099

ENN/SSN193 Ideal Societies  
3 credits; 3 hours  
This course is designed to help students understand utopian movements in urban soci­ 
ety from historical, psychological and sociological perspectives. This course will  
focus on both the causes for creating utopian experiments and the ways in which  
utopias approach family structure, religion, education, power, and economic organiza­ 
tion. Literary versions of utopian communities will be studied. Field trips may be  
taken to such places as Roosevelt Island and Shaker Village.  
Prerequisite: CSE099, ENA/ENG099, and one Social Science elective from the list on  
page 107

ENN195 Violence in American Art and Culture  
3 credits; 3 hours  
This course surveys the depiction of various types of violence and the use of violence  
as a theme or metaphor in North American literature, art, and popular culture.  
Emphasis is placed on New York City as a laboratory and resource for researching  
considerations of violence in poetry, drama, fiction, film and other visual art forms as  
well as popular culture (e.g., lyrics, comic strips, advertising, horror and suspense  
stories).  
Prerequisite: ENA/ENG099

ENN240 Literature of the City (formerly ENG240)  
3 credits; 3 hours  
This course is designed to introduce students to the literature of the city. Students  
will explore important urban themes, social issues and cultural developments in the  
short stories, essays, poems, autobiographies, plays and novels of major city writers  
such as Charles Dickens, Walt Whitman, Thomas Mann, James Baldwin, Frank  
O’Hara, Grace Paley, Anna Deveare Smith, Chang-Rae Lee, John A. Williams, Hanif  
Kureishi and Oscar Hijuelos. Also popular art forms such as journalism, song lyrics  
and film may be examined. Students will read and discuss issues of contemporary  
urban literary magazines like New York Stories. There will be one or more field  
trips.  
Prerequisite: CSE099, ENA/ENG099

English as a Second Language  
Room E200 (718) 482-5640  
The English as a Second Language (ESL) Program provides non-credit-bearing  
courses for students of limited English proficiency from the beginning through the  
advanced levels. The receptive skills, listening and reading, are emphasized at the  
lower level (ESL097), while the advanced levels (ESL/ESR098, & ESL/ESR099)  
stress reading and writing skills. A mandatory ESL lab tutorial complements the  
course offerings. Drop-in tutoring in the microcomputer lab is also available to stu­ 
dents registered in the ESL sequence.  
Department Faculty  
Rick Henry, Coordinator; Paul Arcario, Rashida Aziz, Florence Diallo, Nancy Erber,  
Wenjun Fan, Linda Forrester, Jack Gantzer, Jie Gao, Judy Gex, Laurie Gluck, Lilik  
Gondopriono, Nancy Gross, Rosa Herrera-Rodriguez, Jarek Michalonek, Agnieszka  
Rakowicz, Jane Selden, Carolyn Sterling-Deer, Kenneth Yin.

ESL097 English as a Second Language II  
0 credits; 9 hours (7 lecture, 2 lab)  
(Equivalent to Quick Start USE097)  
This course, for students with some knowledge of English, develops students’ profi­ 
ciency in listening, speaking, reading and writing. Listening and pronunciation  
receive careful attention. Similarities and differences between written and spoken  
language are emphasized. At the end of the course, students must demonstrate their  
overall proficiency by passing departmental listening, reading, and writing examina­ 
tions.  
Prerequisite: Placement exam

ESL098 English as a Second Language III  
0 credits, 9 hours (7 lecture, 2 lab)  
(Equivalent to Quick Start USE098)  
This course helps intermediate level ESL students to improve their reading and writ­ 
ing skills and also provides practice in listening and speaking. All of the activities  
focus on expanding the students’ knowledge of English and developing fluency in all  
of the skills. At the end of the course, students must demonstrate increased competen­ 
cy in writing as well as in reading, speaking, and listening.  
Prerequisite: ESL097 or placement exam

ESA099 Basic Writing I for NNS of English  
0 credit, 5 hours (4 lecture, 1 lab)  
This course aims at introducing and developing college level writing proficiency for  
native speakers of English through careful attention to the second language writ­ 
ing process. Emphasizing the writing process, contextual rhetoric and grammatical  
accuracy, the course will prepare students for college level writing, as well as timed,  
high stakes testing. Students will learn to identify and correct grammatical errors  
they are likely to make when they write. In addition, students will learn to employ  
arguments and other rhetorical modes in the short essay form to clearly express ideas  
written in idiomatic American English.  
Prerequisite: ESL/ESR099 or waiver

ESL099 English as a Second Language IV  
0 credit, 10 hours; (8 lecture, 2 lab)  
(Equivalent to Quick Start USE099)  
This course provides extensive practice in reading, writing, listening and speaking  
using college-level materials and helps students to increase their vocabulary and  
study skills. Its purpose is to enable students to express ideas in acceptable written  
and spoken English.  
Prerequisite: ESL/ESR098 or placement exam

ESL/ENGL100 English Grammar Syntax  
3 credits; 3 hours  
This is a grammar and syntax course. The course focuses on the grammatical struc­ 
tures necessary in academic discourse. The course begins with a review of the  
English verb system and covers preposition use, English word order, adverb, adject­ 
ive, and noun clauses, reported speech, article usage, complex conditionals, and pas­ 
vive voice. Additional topics may be selected in response to particular needs and  
interests of the students in the class.  
Pre- or Corequisite: CSE095, ESL/ESR099

ESLR098 ESL III for Select Readers  
0 credit, 10 hours (6 lecture, 4 lab)  
(Equivalent to ESL098)  
This is an accelerated course which focuses on expository writing, speaking and criti­ 
cal reading skills for the non-native speaker of English and is open only to those stu­ 
dents who achieve a predetermined level based on the reading placement test. Oral  
presentations and/or themes will follow the discussion of reading selections used to  
improve the students’ ability to think critically. These selections and the students’  
compositions will be used for grammar and vocabulary instruction. Students will  
practice all the language skills and at the end of the course are expected to use  
English with greater fluency and facility.  
Prerequisite: Placement exam
ESR099 ESL IV for Select Readers
0 credit; 8 hours; (6 lecture, 2 lab)
(Equivalent to ESL099)
This is an accelerated ESL099 course which provides extensive practice in reading, writing, listening and speaking using college-level materials and helps students increase their vocabulary and study skills. Its purpose is to enable students to express ideas in acceptable written and spoken English. Final compositions read by both ESL and English Department faculty determine placement in English Department courses.
Prerequisite: ESR098 or placement exam

Humanities Department

Room E202 (718) 482-5690
The Humanities Department offers courses in the following discipline areas: modern languages and bilingual education, performing arts, philosophy and critical thinking, speech communication, and visual arts. The department also offers a variety of urban studies courses. Degree programs in Fine Arts, Commercial Photography and Bilingual Education are housed in the Humanities Department.

Department Faculty

HUB100 Exploring the Humanities
3 credits; 3 hours
Students will identify and examine the concepts and connections among the various disciplines within the humanities such as: philosophy, art, music, theatre, language, and literature. They will do so through a series of readings, observations, and museum/theatre visits and apply basic principles of aesthetics and interpretation.
Prerequisite: CSE099, ENA/ENG099

Modern Languages and Bilingual Education

Bilingual Education

HUB102 Educational Psychology: The Bilingual Child in an Urban Environment
3 credits; 5 hours
This course deals with an examination of the psychological theories of learning and motivation as they apply to bilingual children. Students will be introduced to the general concepts of educational psychology specifically as they apply to bilingual education. Theories of learning and motivation, cognition, learning disabilities, and cultural pluralism will be examined in the context of preschool development in an urban setting. In addition to class sessions, a two-hour-week field lab and a case study log are required.
Prerequisite: HUB101

HUB103 Principles and Practices of Bilingual Education and ESL
3 credits; 6 hours
This course deals with (a) learning theories and their implications for the bilingual child in his/her total school environment, (b) a review of instructional approaches and teaching strategies which could be effectively used to educate bilingual children, and (c) the nature of first and second language acquisition as well as the materials for the teaching of language to transitional bilingual children.
Prerequisite: HUB102

HUB200 Teaching Reading and Language Arts in the Bilingual Classroom
3 credits; 6 hours
This course surveys theories, practices, and materials in the teaching of language arts in bilingual programs. It includes examination of the interrelations of listening, speaking, reading, and writing, as well as the influence of culture on language development. Coursework involves developing and presenting mini-lessons and designing a four-week language arts unit. In addition, students will evaluate materials and present written and oral reports. A three-hour weekly field experience is required.
Prerequisite: ENG101; HUB103

Chinese

HUE101 Modern Chinese I
3 credits; 4 hours (3 lecture, 1 lab)
The basic course in Modern Chinese (Mandarin) is designed to develop primary listening and speaking skills through work in the classroom and the language laboratory. Students will learn the pronunciation, grammar and vocabulary of Chinese in the context of important aspects of the culture affecting the communication process. Students will be introduced to the romanized writing system (pinyin).
Prerequisite: CSE099; ENA/ENG099
Note: Student must successfully complete HUE 102 before credit toward graduation is granted for HUE101 Modern Chinese I.

HUE102 Modern Chinese II
3 credits; 4 hours (3 lecture, 1 lab)
This is a continuation of HUE101. Listening and speaking skills will be further developed through work in the classroom and the language lab. Students will learn more about Chinese pronunciation, grammar and vocabulary in selected cultural contexts.
The basic Chinese writing system will be introduced.
Prerequisite: HUE101

HUE103 Intermediate Chinese
3 credits; 4 hours (3 lecture, 1 lab)
This course is the third in a sequence. The purpose of the course is to help students build functional language proficiency and increase their ability to communicate in Mandarin Chinese with confidence and ease. The course continues to focus on the four basic skills of listening, speaking, reading and writing, with a strong emphasis on sentence structure, grammatical features, oral and written translation fluency, and vocabulary building.
Prerequisite: Exemption exam

HUE201 Modern Chinese Literature
3 credits, 3 hours
This course introduces students to modern Chinese literature and culture. Readings will be taken from various genres of literature, with an emphasis on modern Chinese literary expression. The course aims at strengthening the student's ability to read and discuss literature in Chinese. Special attention will be paid to the Chinese literary tradition and its relationship to Western literature.
Prerequisite: Exemption exam

French

HUF101 Elementary French I
3 credits; 4 hours (3 lecture, 1 lab)
This course for beginners is designed to develop listening, speaking, reading and writing skills through work in the classroom and the language laboratory.
Prerequisite: CSE099; ENA/ENG099
Note: A student must successfully complete HUF 102 before credit is granted for HUF101 Elementary French I.
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<tr>
<th>Course Code</th>
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<th>Credits</th>
<th>Hours</th>
<th>Prerequisite</th>
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<tr>
<td>HUF102</td>
<td>Elementary French II</td>
<td>3</td>
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<td>HUF103</td>
<td>Intermediate French</td>
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<td>HUF105</td>
<td>French for Francophones</td>
<td>3</td>
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<td>HUF150</td>
<td>Skills Maintenance in Modern Language</td>
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<td>HUF201</td>
<td>French Literature from a Global Perspective</td>
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<td>Intermediate Greek</td>
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<td>Hours individually arranged. Hours individually arranged.</td>
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<td>Elementary Spanish I</td>
<td>3</td>
<td>4</td>
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<td>HUS105</td>
<td>Spanish for Fluent Speakers I</td>
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<td>HUI101</td>
<td>Elementary Italian I</td>
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**Greek**

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**Hebrew**

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<tr>
<td>HUZ101</td>
<td>Elementary Portuguese I</td>
<td>3</td>
<td>4</td>
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<tr>
<td>HUZ102</td>
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<td>Intermediate Portuguese</td>
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**Humanities Department**
**HUS150 Skills Maintenance in Modern Languages**  
1 credit; 2 lab hours  
This laboratory course is designed to maintain foreign language skills during an interruption in the study sequence. Individual instruction is directly related to student's particular field of interest. Hours individually arranged.  
Prerequisite: CSE099, ENA/ENG099

**HUS200 Latin American Literature I**  
3 credits; 3 hours  
This course deals with an introduction to Latin American literature and its relationship to the dynamics of social change. The course also traces the influence of European, North American, African, and pre-Columbian elements on Latin American literary movements. Topics include pre-Columbian literatures, colonization and exploration, the wars of independence, and abolition.  
Prerequisite: E exemption exam

**HUS201 Latin American Literature II**  
3 credits; 3 hours  
This course is a continuation of HUS200. The second term deals with urbanization, social consciousness, alienation, black awareness, and the new revolutions.  
Prerequisite: E exemption exam

**HUS204 Latin American Civilizations**  
3 credits; 3 hours  
This course deals with an in-depth study of the peoples and cultural institutions of Latin America through the examination of selected topics such as caudillismo, machismo, mestizaje, honor, slavery, and aboriginal traditions as reflected in different forms of literary and artistic expression. Students will learn to comment critically on Latin American civilization and to make significant comparisons with their own backgrounds and experiences.  
Prerequisite: E exemption exam

**HUS210 Advanced Spanish Composition**  
3 credits; 3 hours  
This course is designed as an introduction to the study of fiction and stylistics in the Spanish language. Students learn to identify and utilize effective communicative strategies in written Spanish. They also build an adequate vocabulary for career or academic purposes. Weekly assignments will stress critical and composition skills.  
Prerequisite: E exemption exam

**HUS220 Commercial Spanish**  
3 credits; 3 hours  
This course is designed to reinforce advanced composition and research techniques in the field of business. Emphasis is placed on types of business communications and the preparation and analysis of research reports. Students will become familiar with the main similarities and differences between commercial terminology in Spanish and English. They will also become familiar with import, export, and other business documents.  
Prerequisite: E exemption exam

**HUS270 Literature of the Caribbean**  
3 credits; 3 hours  
This course deals with a comparative study of the novel, drama, poetry, and essay of the countries in the Caribbean basin. Course content will change according to instructor and student preferences. Representative authors may include Martí, Höftos, Llorens Torres, Guillén, Lezama Lima, Mir, Bosch, Cesaire, Carpentier, and Ferre.  
Prerequisite: E exemption exam

**Performing Arts**

**Dance**

**HUD101 Theatrical Dance I**  
2 credits; 2 hours (1 practice hour)  
This course will introduce students to ballet, modern jazz and selected ethnic dance through dance history and class performance. Students will utilize the basic techniques of each of these dance forms, including barre exercises, center practice and combinations across the floor. The basic theory of the positions and movements of the body will be explored. Leotards and tights or loose fitting athletic wear are recommended. Students will be required to attend and pay admission for one five dance performance. Studio time (one hour) will be recommended for use by students for practice. This will be unsupervised practice time and students will not be required to pay tuition for this hour.  
Pre or Corequisite: CSE099, ENA/ENG099

**HUD102 Theatrical Dance II**  
2 credits; 2 hours  
This course is a continuation of Theatrical Dance I (HUD101). Through the advanced study of dance technique in ballet, modern and jazz dance, students will continue to explore the theory and practice of dance as an art form and to explore how ethnic dance has influenced theatrical dance in the United States. Significant dance artists, choreographers and major works of choreography will be examined. Leotards and tights or loose fitting athletic wear are recommended.  
Prerequisite: HUD101

**HUD105 Creating Dances: The Art of Choreography**  
2 credits; 2 hours  
This course is designed to help students explore dance improvisation as an essential component in making dances. Experimenting with personal movement, students will study the basic techniques and methods of choreography. Students will use self-expression to promote analysis, imaginative reflection and participation in creating dances. Students will also view the works of a variety of modern dance choreographers, ranging from Martha Graham, Paul Taylor and Alvin Ailey to innovators in post-modern dance. Students will be required to attend and pay for a dance rehearsal and a dance performance.  
Prerequisite: CSE099, ENA/ENG099 or ESL/ESR098

**Music**

**HUM101 Introduction to Music**  
3 credits; 3 hours  
This course is designed to develop an understanding and appreciation of various forms of music. Emphasis will be placed on the elements of musical organization, expression and style. Students will gain understanding by listening to selections and by discussing significant features of musical compositions from the Middle Ages to the present time.  
Prerequisite: CSE099, ENA/ENG099

**HUM107 Music of Latin America**  
3 credits; 3 hours  
This course is an overview of the music of Latin America according to several cultural/geographical areas, including Rio de la Plata, the Andean Region, Brazil, the Caribbean and Mexico. Latin American musical developments from the past and present will be studied to show the individual characteristics as well as the common elements within the various styles. Students will be required to attend one live concert at minimal or no cost.  
Prerequisite: CSE099, ENA/ENG 099
HUM110 Introduction to Jazz
3 credits; 3 hours
This course is designed to develop an understanding and appreciation of jazz as a folk art. The music and characteristics of various styles, including Dixieland, blues, ragtime, boogie woogie, hop, cool, funky, eclectic, and jazz-fusion rock, will be studied through recordings and classroom performances. Emphasis will be on the stylistic characteristics of jazz piano, jazz/blues vocalist, the rhythm section, alto saxophone, tenor saxophone, trumpet and trombone. The course will involve outside reading and listening, as well as performances and lecture/demonstrations.
Prerequisite: CSE099, ENA/ENG099

HUM140 Music Theory I
3 credits; 3 hours
This course is designed for beginning musicians and those who would like to learn to read, write and understand the basic structure of music. They will study both the sight and sound of different tonal and modal scales. Diatonic intervals, primary chords and key signatures will also be covered. Students will learn to write simple melodies in staff notation from melodic dictation. In addition, this course will emphasize reading music using treble and bass clefs, singing and playing simple melodic and harmonic lines, as well as writing simple melodies and primary chords using staff notation.
Prerequisite: CSE099, ENA/ENG099

HUM146 Music Audio Recording I
3 credits; 4 hours (3 lecture, 1 lab)
This course will introduce students to music audio recording using industry-standard software, such as ProTools. Topics covered will include digital recording, mixing and editing on an introductory level. Students need not have any prior experience.
Prerequisites: CSE099, ENA/ENG099, MAT095

HUM151 Contemporary Vocal Ensemble
1 credit; 3 hours
Emphasis is on the preparation for public performance of contemporary choral music for small vocal ensemble with two to four voices on each part. The repertoire will include arrangements in a variety of contemporary vocal idioms: gospel, musical theatre, jazz. Performances of original works will also be encouraged. Enrollment will be limited to 20 students. A student may take Contemporary Vocal Ensemble five sessions for credit, or audit without credit.
Prerequisite: CSE099

HUM155 Voice Class I
3 credits; 3 hours
Emphasis is on the development of the voice for solo performance. Each student will explore the music most suitable for his or her individual voice or singing style. Class work includes basic music reading, vocal exercises, stage conduct and vocal styles. There will be both individual and group vocal work in class, including daily solo stage performance. Use of recording and TV taping for development of style and stage professionalism is included.
Prerequisite: CSE099

HUM156 Voice Class II
3 credits; 3 hours
Based on foundations and experience in HUM 155, emphasis is on individual vocal and professional development in performance. Class work includes advanced vocal exercises, stage conduct and style, daily solo performance, use of recording techniques, stage and TV taping. Experience involves preparation of resumes and professional programs in various styles of vocal music. Actual working experience will include techniques and adaptations required in TV, recording, opera, clubs, orchestras, and combos. Business aspects of the vocal music profession will be investigated, including: agents, publicity, managers, and contracts. Public performance on campus is required. Opportunities for auditions in New York City for professional and semi-professional engagements are provided.
Prerequisite: MAT095, HUM101 or equivalent, HUM155 or equivalent.

HUM170 Guitar I
3 credits; 3 hours
This course is designed to introduce students to the fundamentals of acoustic guitar technique: strumming/picking technique, correct fingerings and tuning the guitar. Students will be introduced to the rudiments of music (types of notes, note values, time signatures, chord structure and scales). Students will learn to read and perform simple guitar melodies/chords and they need not have had previous guitar instruction. Guitars will be provided for student use.
Prerequisite: CSE099, MAT095

HUM171 Guitar II
3 credits; 3 hours
This course is a continuation of HUM170. Guitar techniques, including: strumming, slapping, guitar picking and exercises to facilitate more advanced left hand with right hand coordination will be continued. Further study in music theory, chord analysis and the essentials of various styles (classical, pop and jazz) will also be included.
Guitars will be provided for student use.
Prerequisite: HUM170 with a grade of C or better or audition

HUM180 Piano I
3 credits; 3 hours
This course is open to all students interested in playing the piano but who have had no previous experience. Students in this class will develop the ability to play simple melodies and simple accompanying techniques for folk songs, sight read at the keyboard, and play easy piano literature from a variety of stylistic eras.
Prerequisite: CSE099, ENA/ENG 099, MAT095

HUM181 Piano II
3 credits; 3 hours
A continuation of HUM180, this course will train students to play more complex compositions. Students also will learn to sight read more difficult musical selections, and will learn to improvise simple accompaniments for folk songs.
Prerequisite: HUM180 with grade of C or better or audition

HUM182 Piano III
3 credits; 3 hours
A continuation of HUM181, this course is designed to give the student an increased technical and reading capability. The student will learn about scales and finger exercises which will aid in the study of pieces representative of the various periods of musical composition. Upon completion of the course, the student should be able to play pieces appropriate for the advanced beginner from both the classical and popular repertoire.
Prerequisite: HUM180 and HUM181 or audition

HUM190 Percussion: A Music Ensemble
3 credits; 3 hours
This course is designed to allow students opportunities to participate in the creation of percussion groups of various sizes. Students will study and perform music from various sources published and/or original arrangements which reflect a variety of percussion styles. Music fundamentals (rudimentary music theory) and techniques as applied to the different pitched or non-pitched percussion instruments will be studied. Students may participate with or without prior musical experience. Instruments will be available.
Pre or Corequisites: CSE095, ESL097

HUM191 Percussion II
3 credits; 3 hours
This course is designed as a continuation of HUM190, Percussion I. It is intended to increase the students’ knowledge and technical ability as percussionists on a variety of instruments. The students will study and perform music in varying styles intended to increase their proficiency in reading written music. In addition, they will enhance their playing and reading ability by studying gradually more advanced technical percussion exercises. There will be in-class and public performances.
Prerequisite: HUM190 with a grade of C or better or audition
HUM210 American Music
3 credits; 3 hours
American music is an exploration of the various musical developments in the United States. Through listening, reading and discussion, students will investigate folk music, entertainment and commercial music, art music and other musical traditions of the United States. The Broadway musical and the current musical scene will also be studied.
Prerequisite: CSE099, ENA/ENG099

Theatre

HUC168 Theatre as Communication
3 credits; 3 hours
This course is designed to introduce themes and topics in theatre as a means of communication. Topics such as gender roles, immigration, urban and family issues will be explored through the use of role-playing, class discussion and small group work related to the chosen theatre texts. Special attention will be given to the role of language in theatre as a reflection and projection of American society.
Pre- or Corequisite: CSE099, ENA/ENG099 or ESL/ESR099

HUC170 Art of Theatre
3 credits; 3 hours
This course introduces the student to the theories, techniques, and literature of the theatre. Subject matter includes the fundamental tools of playwriting, basic techniques of acting, function of the designer, and evaluation and criticism of performance. Readings, seminars, field trips to New York theatres, and class projects provide the student with an understanding of theatre as a social force and as an art form.
Prerequisite: CSE099, ENA/ENG099

HUC175 Directing for the Stage
3 credits; 3 hours
This course explores the functions and responsibilities of the theatre director: script analysis, transfer of written text to the stage, blocking, pacing, developing characters, using props, sound and theatrical design elements. Students explore the director's relations with the playwright, designers and actors. Activities include viewing videotape of directors at work, attending rehearsals with directors of diverse backgrounds, auditions, casting a play and using various rehearsal techniques.
Prerequisite: CSE099, ENA/ENG099

HUC180 Creative Drama
3 credits; 3 hours
This course examines the theories, procedures, and means of assessing improvisational drama in such non-traditional settings as day care centers, rehabilitation centers, and a variety of social work areas. Also explored is the relation of creative drama to such fields as occupational therapy, geriatrics, media and education. In addition, the student will have an opportunity to develop a resource file of dramatic materials applicable to his or her chosen field.
Prerequisite: CSE099, ENA/ENG099

HUC190 Acting I
3 credits; 3 hours
This course examines the theoretical perspectives and the practical demands of acting as an art form. Readings in theory are supplemented by student presentations of short scenes and possible seminar visits to New York theatres.
Prerequisite: CSE099, ENA/ENG099

HUC191 Acting II
3 credits; 3 hours
This course offers an advanced exploration of the theory and practice of acting as an art form. The study of scene preparation, characterization and improvisation will be emphasized. Study scenes will be taken from comedy, farce and serious drama, offering practice in a variety of acting styles. The spatial characteristics of the stage, rehearsal procedures and the use of props, costumes and makeup will be examined. Attendance at two theatre performances will be arranged and students should expect to pay for admission.
Prerequisite: HUC190 or audition.

HUC195 Theatre Production Workshop
3 credits; 4 hours
This course will involve the study and practical application of basic aesthetic and technical aspects of theatrical production. Through participation in a public production, the student will have a major responsibility in one of the following areas: acting, directing, stage management, rehearsal techniques, set design and lighting, make-up and costume, and publicity or promotion. Additional time for rehearsals and technical production will be required as a part of this course.
Pre- or Corequisite: CSE099, ENA/ENG099

HUM201 The American Musical Theater: A Production Workshop
3 credits; 4 hours
The student will participate in the preparation and public performance of a Broadway musical. Emphasis will be placed on individual and group learning experiences, and specific techniques required for performing in musicals, including such techniques as characterization, coordination of acting and body movement with singing, transition from spoken to song, group movement for singing choruses, techniques of memorization, and overall production and publicity responsibilities. Additional rehearsal hours are part of the course requirement.
Prerequisite: CSE099, ENA/ENG099, MAT095

Philosophy and Critical Thinking

HUP101 Introduction to Philosophy
3 credits; 3 hours
This course introduces students to the process of philosophical reflection. Utilizing the concept of freedom extensively, it seeks to develop the student’s ability to analyze concepts and to explore life experience in a structured and coherent fashion. Students are encouraged to develop their perceptions by critically examining their own beliefs, attitudes and assumptions in light of the philosophical analyses they encounter.
Prerequisite: CSE099, ENA/ENG099

HUP102 Critical Thinking
3 credits; 3 hours
This course explores the process of thinking critically and guides students in thinking more clearly, insightfully and effectively. Concrete examples from students’ experience and contemporary issues help students develop the abilities to solve problems, analyze issues, and make informed decisions in their academic, career and personal lives. Substantive readings, structured writing assignments and ongoing discussions help students develop language skills while fostering sophisticated thinking abilities.
Corequisite: CSE095 or CSE099, ENA/ENG099, MAT095
This course is closed to students who have taken HUR100.

HUR100 Critical Thinking Across Cultures
3 credits; 3 hours
This course will explore the field of critical thinking from an international perspective, explaining how various cultures define such concepts as effective thinking, problem solving, logical reasoning, issue analysis, and knowledge. Students will develop a rich and culturally diverse understanding of the critical thinking process. They will enhance their own critical thinking abilities by analyzing varied cultural perspectives on events in the world around them.
Pre- or Corequisite: CSE099, ENA/ENG099, MAT095
This course is closed to students who have taken HUP102.

HUP103 Creative Thinking: Theory and Practice
3 credits; 3 hours
This course explores the process of thinking creatively and guides students in developing the creative thinking process, opportunities to work on a variety of projects and activities requiring creative thinking, and personal appearances by creative people discussing their work.
Prerequisite: CSE099, ENA/ENG099, MAT095
HUP104 Ethics and Moral Issues
3 credits; 3 hours
This course investigates the nature of morality and its place in human experience. Among the questions posed and discussed are: Is morality simply relative to specific cultures? What are criteria for right and wrong? What is moral agency? Does love have a place in the moral life? Students are encouraged to explore how morality functions in their own lives.
Prerequisite: CSE099, ENA/ENG099

HUP105 Philosophy of Religion
3 credits; 3 hours
An examination of humanity's basic perceptions of itself as they are reflected in religion. Both Western theism and Eastern non-theism will be explored and evaluated. Special attention will be given to the phenomenon of religious experience as it occurs in the different traditions.
Prerequisite: CSE099, ENA/ENG099

HUP106 Social & Political Philosophy: Making a World of Difference
3 credits; 3 hours
This course invites students to explore both classical and contemporary social and political philosophical theories. Time-honored philosophical perspectives will provide students with a stimulating foundation upon which to explore current social and political issues on a global perspective. With so many provocative challenges confronting the world, students will be offered a philosophical and comparative format through which to better understand and address these global concerns.
Prerequisite: CSE099, ENA/ENG099

Speech Communication

HUC101 Oral Communication
3 credits; 3 hours
This course is designed to introduce the student to communication concepts, theories and skills which people use in personal and in professional settings. Topics include: What is communication? How does culture affect communication patterns? What does self-disclosure mean? What are effective response styles? How do language choices and non-verbal cues affect the image a person projects? How can a verbal confrontation produce its intended result? What are effective ways to organize a message? How does a person prepare for and present a successful interview?
Prerequisite: CSE099
Pre- or Corequisite: ENA/ENG099

HUC104 Voice and Diction
3 credits; 4 hours (3 lecture, 1 lab)
This course is designed for students who wish to improve their speaking skills. Course content will include the basic theory of the production of speech and voice, study of the speech and hearing mechanism and a survey of the sound system of American Standard English. Students will participate in an analysis of their speaking skills and use drills and varied group activities to modify their voice and articulation patterns.
Prerequisite: CSE099, ENA/ENG099

HUC105 Language Application Workshop
1 credit; 3 hours (1 lecture, 2 labs)
This course is designed for students who wish to continue to improve their English speaking skills. It will enhance the content of other speech communication courses by helping students modify their articulation, voice, and intonation patterns. Through role-plays and discussions, it will provide students with opportunities to use oral language in a variety of contexts in which they have to reason, solve problems, and relate ideas.
Pre- or Corequisite: HUC101 or HUC104 or HUC108

HUC106 Public Speaking
3 credits; 3 hours
This course is a continuation of Oral Communication (HUC101) and is designed to provide the student with critical understanding and increased skill in formal public speaking. In addition to examining oral rhetoric theory, students learn and practice skills in research, organization, delivery and criticism of speeches.
Prerequisite: HUC101

HUC108 Communication in a Professional Setting
3 credits; 3 hours
This course will develop students' knowledge of oral communication principles and theories in professional settings. Topics will include types of organizational communication, obstacles to effective communication, effective leadership behavior and non-verbal communication. Students will learn about assertive behavior, conflict resolution, effective listening skills and persuasive presentations.
Prerequisite: CSE099
Pre- or Corequisite: ENA/ENG099

HUC109 Argumentation and Debate
3 credits; 3 hours
This course builds on the basic oral skills developed in Oral Communication (HUC101) and is designed to provide the student with the rhetorical and analytical skills necessary for persuasive debate. The student will be introduced to different styles of debating, including the cross-examination debate. The student will also learn to prepare a debate brief and to use flow sheets to structure refutation and rebuttal. In addition, the role of argumentation and debate in a democratic society will be discussed.
Prerequisite: HUC101
Pre- or Corequisite: ENA/ENG099

HUL100 Communication and the Non-Native Speaker
3 credits; 4 hours
This course is designed to help the student develop facility with English when it is not his or her native language. It is especially designed to provide students with insight into interpersonal relations in various cultural settings. Course content will include communication theory, interpersonal skills in both verbal and non-verbal communication, and reinforcement of oral language skills. Students will survey the sound system for Standard English, learn listening skills and self-corrections for pronunciation and grammar.
Pre- or Corequisite: ESL099

HUL110, Group Communication for Non-Native Speakers
3 credits; 3 hours
This course is designed to help students who are not native speakers of English develop their oral communication skills in a group setting. Integrating language, content and culture, students will carry out a variety of tasks requiring them to process and produce academic language. Students will become familiar with effective styles of group leadership and participation. Other topics include listening in groups, decision making, problem solving, agenda setting, conflict resolution, research methods and presentation techniques.
Prerequisite: HUL110

Visual Arts

Art Appreciation

HUA101 Introduction to Art
3 credits; 3 hours
This course is designed to develop the students' ability “to see,” while it examines the fundamental nature, meaning and humanistic value of art. Attention will be given to an examination of the creative process and to the role of the spectator as an active participant in the understanding of art. Relevant readings will be discussed in relation to specific works of art. The function of basic compositional elements will be examined. Museum visits are required.
Prerequisite: CSE099, ENA/ENG099
**Art History**

**HUA165 Art History: Prehistoric Through Gothic**
3 credits; 3 hours
This survey of art from pre-history to the late Middle Ages builds visual understanding through close study of individual works of art in various media, including painting, sculpture, and architecture. Connections between art works and their cultural contexts are emphasized, as are the cross-cultural exchanges which have enriched the diverse artistic traditions of Europe and the Americas. Museum visits are required.
Prerequisite: CSE099, ENA/ENG099

**HUA166 Art History: Renaissance Through Modern**
3 credits; 3 hours
This survey of art from the Renaissance to the present builds visual understanding through close study of individual works of art in various media, including painting, sculpture, architecture and photography. Connections between art works and their cultural contexts are emphasized, as are the cross-cultural exchanges which have enriched the diverse artistic traditions of Europe and the Americas. Museum visits are required.
Prerequisite: CSE099, ENA/ENG099

**HUA167 Introduction to African Art**
3 credits; 3 hours
This course will explore various styles—primarily from Western Africa—including urban, rural and royal works of art. The main emphasis of the course will be the way these works of art have been and continue to be used in everyday activities and their importance in community life. Contact and cross influences with Islam, Europe and the Americas will be discussed. Two museum trips are required.
Prerequisite: CSE099, ENA/ENG099

**HUA195 Art in New York: A Museum/Gallery Seminar**
3 credits; 3 hours
Through first-hand experience using the museums, galleries, critics, and collectors of New York City, students will examine the form and content of a multicultural range of painting, drawing, outsider art, craft and sculpture. Museum and gallery visits, as well as a visit to a working artist's studio, will comprise major portions of this course. The class will discuss and write about the exhibits to explore the nature of art criticism.
Prerequisite: CSE099, ENA/ENG099

**HUA200 Art of the Twentieth Century**
3 credits; 3 hours
This course explores the history of various styles and forms of Western painting and sculpture from the Impressionist period to the present. Various styles of modern art such as Cubism, Dada and Surrealism, Expressionism and the more recent styles of Pop and Conceptual Art will be examined and discussed. Consideration will be given to the understanding of abstract art and non-objective art as well as the influence which African and Eastern art have had on the development of modern art styles. Illustrated with slides. Museum visits are required.
Prerequisite: CSE099, ENA/ENG099

**HUA215 Art of the Renaissance in Italy**
3 credits; 3 hours
The painting, sculpture, and architecture of Renaissance Italy will be examined for humanistic content as well as for the visual qualities of composition, style and technique. Works of art will be discussed within the historical context of the Renaissance. Such renowned works as Michelangelo's Sistine Ceiling and Leonardo's Last Supper will be compared to earlier styles. Renaissance art as a foundation of modernism will also be discussed.
Prerequisite: CSE099
Pre- or Corequisite: ENGI01

**Computer Art**

**HUA125 Introduction to Computer Art**
3 credits; 3 hours (2 lecture, 1 lab)
This course provides an introduction to all phases of computer graphics applications, including draft and paint modes, fills, textures, brushes, graphic tools, and color blending through exercises in drawing, painting, graphic design, illustration and advertising techniques. Electronic publishing and software design will also be presented through field trips and videotapes. Students will have hands-on experience with microcomputers utilizing graphics, draw and paint software programs. No previous experience with computers or graphics is necessary.
Prerequisite: CSE099, ENA/ENG099, MAT095

**HUA126 Computer Art 2**
3 credits; 4 hours (3 lecture, 1 lab)
This course is a high-level continuation of Introduction to Computer Art (HUA125). Through the use of visual design principles, students will solve more challenging graphic design problems utilizing the correct three major software programs. Students will delve more completely in QuarkXpress, Adobe Photoshop and Adobe Illustrator and will explore how the power of each is increased synergistically. Both Mac and Windows operating systems will be utilized. Through field trips, students will be introduced to the relationship of the computer to the graphic design industry and the fine arts. Students will produce a portfolio of original design in both "hard" and "soft" media.
Prerequisite: HUA103, HUA125

**HUA127 Computer Art 3**
3 credits; 4 hours (3 lecture, 1 lab)
This course is a high-level continuation of Computer Art 2 (HUA126) and will focus on more sophisticated graphic design problems utilizing visual design principles. Students will examine more advanced levels of QuarkXpress, Photoshop and Illustrator. Both Mac and Windows operating systems will be examined. Students will be introduced to the animation programs, Flash, AfterEffects and Dreamweaver, as used in website design. Field trips are designed to increase the students' understanding of the workings of this dynamic and rapidly changing field. Students will produce a portfolio of original design in both "hard" and "soft" media.
Prerequisite: HUA126

**Film and Media**

**HUC120 Mass Media and Their Evolution**
3 credits; 3 hours
This course traces the historical development of such mass media as radio, television, newspapers, recordings, and film, and examines the functions and limitations of each medium. Special attention is given to both the role of mass communication in reflecting and projecting society, and to the form and functions of mass media systems of the future.
Prerequisite: CSE099, ENA/ENG099

**HUC130 Mass Communication and Society**
3 credits; 3 hours
This course critically analyzes selected issues in mass communication. Possible topics include: media violence and pornography; media stereotyping; comics and political cartoons; hidden persuaders; editorial policies; media bias; censorship; press freedom and responsibility. Students' projects may vary each term.
Prerequisite: CSE099, ENA/ENG099; HUC120 recommended but not required

**HUC135 The Art of Film**
3 credits; 4 hours
This course provides an overview of film history and theory. The student learns about aesthetic and technological innovations in the medium, while developing critical skills through screening films selected as representative of a type or concept. The student should expect to pay for film screenings.
Prerequisite: CSE099, ENA/ENG099
HUC165 Film and the Supernatural
3 credits; 4 hours
This course will explore major films which have reflected and helped to define the concept of “supernatural horror” in Western culture. The films will be related to the themes in folklore and fiction that inspired them. Students will learn to identify the basic themes in supernatural film and fiction and will acquire the basic methodology required to analyze these films as unconscious reflections and/or semi-unconscious projections of archetypal fears. The student should expect to pay for film screenings.
Prerequisite: CSE099, ENA/ENG099

HUC240 Video Production Workshop
3 credits; 4 hours
This course introduces the student to the theory, vocabulary and production techniques of the video medium. Students, functioning as a production team, create and produce short video projects during the session which culminate in a final production created, organized and produced by the class. Students are assigned, on a rotating basis, specific production roles such as director, switcher, camera operator, floor manager, audio technician, production assistant or VCR operator. Projects vary from term to term as deemed appropriate by the instructor.
Prerequisite: CSE099, ENA/ENG099, MAT095

HUC241 Video Production Workshop II
3 credits; 4 hours
HUC 241 gives students the opportunity to produce individual video projects which may serve as a “reel” for transfer or for employment in crafts and creative positions in production. The emphasis is on production of image and sound. Students learn standard formats such as narrative, documentary, music video, and TV commercials, and learn how to use the tools and techniques of video production to express their personal visions. Students apply established models for continuity editing and the principles of montage. Students and faculty participate in critical analysis of students’ work-in-progress and finished projects.
Prerequisite: HUC240
Pre- or Corequisite: HUC150

HUC270 American Film
3 credits; 4 hours
This course is a survey of artistic, technological, and industrial development of cinema in America. The films screened are representative of major developments in American film history: technological, aesthetic, industrial and socio-cultural. Through readings and screenings, the student considers such topics as: major genres that reflect and project American attitudes and values, the work of the great American film artists, and the role of films by black Americans. The student should expect to pay for film screenings.
Prerequisite: CSE099, ENA/ENG099

HUC/ENG272 Literature and Film
3 credits; 4 hours
This course studies the similarities and differences between literature and film. By comparing and contrasting literary works (complete and excerpts) with films, the course illuminates the methods, structures and contents of the two media, as well as their interrelationship. Writers to be considered may include Shakespeare, Keats, Dickens, Dickinson, Wright, and West; films to be viewed may include those made by Griffith, Chaplin, Riefenstahl, Flaherty and Resnais.
Prerequisite: CSE099, ENG102, HUC150 or HUC270

HUC275 American Film Comedy
3 credits; 4 hours
This course surveys American film comedy through the study of comic performers and comic styles of filmmaking. It explores such areas as the difference between physical and verbal comedy and why we laugh at slapstick. The course includes in-class screenings and discussions. Contributions by comedians from a variety of ethnic backgrounds are highlighted. Suggested comic artists include Charlie Chaplin, Bill Cosby, W.C. Fields, the Marx Brothers and Mae West. The student should expect to pay for film screenings.
Prerequisite: CSE099, ENG101

Photography
HUA202 History of Photography
3 credits; 3 hours
This course will examine the development of photography as an art form. Beginning with the introduction of the camera in the 19th century, the course will focus on early photographic experimentation and its effects on painting. Accordingly, students will then be introduced to the work of great photographers from Nadar to Stieglitz, and to the effects of their work on the development and refinement of the photographic form. An overview of photography in the modern age will conclude the course.
Prerequisite: CSE099, ENA/ENG099

HUA130 Beginning Photography
3 credits; 4 hours (3 lecture, 1 lab)
This course is an introduction to photography covering the 35mm camera, lighting, exposure, processing and printing. The creative use of photography techniques as they relate to individual expression will be considered. Special projects and final portfolio are required. Students must provide their own 35mm cameras.
Pre- or Corequisite: MAT095, ESL099/ESR099
Note: An additional hour of lab is required per week so that students may practice technique in the darkroom. Proficiency in basic photography developing and printing is the goal of this scheduling. The additional lab hour is supervised by a college technician.

HUA131 Digital Photography I
3 credits; 4 hours (3 lecture, 1 lab)
This course is designed to introduce students to the hardware and software utilized in capturing digital images (i.e., input). It will include use of digital cameras, analog cameras, scanners, and the downloading of images from the Internet. Students will be introduced to software such as Adobe Photoshop and QuarkXPress, and they will explore their interface with the Macintosh and Windows operating systems. A portfolio presented in “soft” media form will be created.
Prerequisite: HUA130
Pre- or Corequisite: HUA125

HUA145 Studio Lighting
3 credits; 4 hours (3 lecture, 1 lab)
This course introduces the students to studio photography. Professional equipment, including the 4 x 5 view camera, 35mm camera, and studio tungsten lighting, will be utilized. Basic studio lighting techniques will be addressed in “table top” (still life) situations. Most assignments will be in black & white; students’ ability to produce commercial-quality black-&-white negatives and prints will be emphasized. Students must have a 35mm camera, and should expect to pay for additional materials for this course.
Prerequisite: HUA230
HUA155 The View Camera, Large Format Photography
3 credits; 4 hours (1 lecture, 1 lab)
Instruction and practice in the operation and use of the view camera and its equipment including: lenses, swings, tilts, perspective control and correction, and enlarging and printing large format negatives will be provided. Students will work primarily with the 4” x 5”, and receive experience with the 8” x 10”, and learn how the view camera is used in architecture, studio photography, and for flatwork. Students should expect to pay for additional materials, equipment, and supplies. 
Prerequisite: CSE099, ENA/ENG099, HUA130

HUA230 Intermediate Photography
3 credits; 4 hours (1 lecture, 3 lab)
An intermediate course in photographic instruction, darkroom technique and aesthetics. Students will be exposed to classic examples of photojournalism, and instructed in appropriate techniques in each area. Students will begin to build a portfolio in a chosen area. Each person will be expected to have a camera.
Prerequisite: CSE099, ENA/ENG099, HUA130

HUA231 Digital Photography II
3 credits; 4 hours (3 lecture, 1 lab)
This course is an extension of Digital Photography I, focusing primarily on the software and some hardware required for the output of digital images. Adobe Photoshop and QuarkXpress are the software that will be emphasized. Adobe Illustrator will also be introduced and some output devices such as inkjet and laser printers will be explored. Storage media such as the writeable CD, DVD and the ZIP disk will serve as “working portfolios” from which the final portfolio of manipulated digital images will be printed.
Pre- or Corequisite: HUA230

HUA234 Color Photography
3 credits; 4 hours (2 lecture, 2 lab)
This course covers the theory and use of negative film (for prints) and positive film (for slides). The psychological and aesthetic effects of color will be investigated, and the student will learn to manipulate color through an understanding of various light sources and the use of filters. This course is offered in conjunction with Color Darkroom Techniques. Students must have a 35mm camera and should expect to pay for additional materials for this course.
Prerequisite: HUA230
Corequisite: HUA235

HUA235 Color Darkroom Techniques
3 credits; 4 hours (1 lecture, 3 lab)
This course covers the processing of positive photographic film (slides) and color photographic papers (prints). Chemical processes and photographic emulsions will be described and utilized. The student will learn how to operate the dichroic color enlarger and the universal film and print processor. This course is offered in conjunction with Color Photography. Students should expect to pay for additional materials for this course.
Prerequisite: HUA230
Corequisite: HUA234

HUA238 Alternative Photography: The Manipulated Image
3 credits; 4 hours (3 lecture, 1 lab)
This course explores a variety of alternative photographic processes and manipulated imagery techniques such as hand-coloring and gum bichromate printing. The incorporation of these processes with collage, printing, and photographic darkroom techniques, solarization, negative sandwiching and rayogramming will be taught. Students will utilize these techniques in a series of assignments. There will be a gallery/museum trip, a paper, and presentations by professional photographers. Students should expect to pay for additional materials for this course.
Prerequisite: HUA104, HUA130

HUA245 Studio Lighting II
3 credits; 4 hours (1 lecture, 1 lab)
This course introduces the students to techniques in portraiture and fashion photography using electronic flash. Students will continue “table top” photography using the 4x5 view camera. Assignments will be in black-and-white as well as color; emphasis will be placed on exposure of color transparency film with tungsten and flash illumination. A unit in architectural photography is included. Students must have 35mm equipment and should expect to pay for additional materials for this course.
Prerequisite: HUA145

HUA275 Commercial Photography Workshop
3 credits; 3 hours
This is the most advanced course in the Commercial Photography curriculum. The student will explore and analyze the creative and logistic problems encountered during all stages of a commercial photography assignment. Using standard pre- and post-production procedures, as well as photographic techniques learned in previous classes, the student will produce three photographic projects consisting of 5 to 10 images for each. Students should expect to pay for additional materials for this course.
Prerequisite: ENG101, HUA245

HUA280 Commercial Photography Seminar
3 credits; 3 hours
This course introduces the students to the day-to-day operations and business practices of the photographic industry. The professional responsibilities of photographers and photographers’ assistants will be explored in detail. Commercial self-promotion, including the creation of an appropriate portfolio, business card, and resume will be covered. The business, legal, and ethical dimensions of everyday activities within the industry will be discussed.
Prerequisite: ENG101, HUA145, HUA230

Studio Art

HUA103 Beginning Drawing
3 credits; 3 hours
This course is an introduction to drawing through basic examination of the visual fundamentals of line, texture, value, space and form. Problems in descriptive drawing will be explored. There will be individual and group criticism. Sketchbooks are required.
Pre- or Corequisite: ESL099/ESR 099

HUA104 Introduction to Design
3 credits; 3 hours
This course is an introduction to the fundamentals of design through an investigation of visual elements such as line, shape and composition. Students will develop designs in two-dimensional form. The design principles will be discussed and illustrated as they relate to a number of visual arts forms.
Prerequisite: CSE099
Pre- or Corequisite: ESL099/ESR099

HUA106 Three-Dimensional Design
3 credits; 3 hours
This course examines the principles of three-dimensional design. Students will develop individual designs based on formal elements such as line, shape, mass and volume. Techniques in construction and carving will be demonstrated and developed in plaster, wood, cardboard and metal.
Prerequisite: CSE099
Pre- or Corequisite: ENA/ENG099, MAT005

HUA110 Beginning Painting
3 credits; 3 hours
This course is an introduction to painting techniques related to landscape, still life and abstract composition. Emphasis will be on color expression and color mixing. There will be individual and group critiques.
Pre- or Corequisite: ESL099/ESR099
HUA115 Color Theory
3 credits; 3 hours
This course is an introduction to the theory and application of color in two-dimensional design. The basic principles of design will be demonstrated in relation to the interaction of colors. Students will develop two-dimensional designs through techniques in color mixing and collage.
Pre- or Corequisite: ENA/ENG099, MAT095

HUA120 Beginning Sculpture
3 credits; 3 hours
Problems in three-dimensional form will be examined through projects in clay and plaster. There will be group and individual criticism.
Pre- or Corequisite: ESL099/ESR099

HUA180 Life Drawing
3 credits; 3 hours
This course is an introduction to drawing the human figure. Techniques in line and value and proportion will be developed. Textbook readings, studies in human anatomy and sketchbooks will be required.
Prerequisite: CSE099, ENA/ENG099

HUA185 Illustration
3 credits; 3 hours
This course examines the interrelation of visual imagery and verbal themes. Students will develop individual portfolios as they solve illustration problems focused on the abstract, formal elements and representational imagery. Such media as watercolor, pen-and-ink and pencil will be explored. Class lectures and related readings will focus on the history of illustration.
Prerequisite: HUA103

HUA190 Technical Drawing
3 credits; 3 hours
This drawing course is designed to meet the needs of both art and pre-engineering students. It begins with the concept that technical drawing is a communicative tool and proceeds to explore the major areas of drafting. Students taking this course will develop a proficiency in multi-view projection and pictorial drawing by learning the proper use of basic drafting equipment.
Prerequisite: CSE099, ENA/ENG099, MAT095

HUA203 Intermediate Drawing
3 credits; 3 hours
This course further explores the drawing techniques established in Beginning Drawing. Students will concentrate on drawing objects and spaces from life and from the imagination. Individual drawing assignments and the development of a final portfolio and sketchbook will be emphasized. Field trips are usually required. Instead of a textbook, students should expect to pay for art supplies for this course.
Prerequisite: HUA103

HUA210 Intermediate Painting
3 credits; 3 hours
This course is a continuation of the investigations of landscape and still life and their implicit abstract qualities. A special emphasis will be placed on the function of surface, color saturation, scale and multiple relations in contemporary painting. Projects will include finished paintings and sketchbooks. Studio projects will be analyzed and evaluated.
Prerequisite: CSE099, ENA/ENG099, HUA110

HUA220 Intermediate Sculpture
3 credits; 3 hours
This course is a continuation of the investigations of landscape and still life and their implicit abstract qualities. Emphasis will be placed on individual expression and the development of technical skills in plaster and clay.
Prerequisite: CSE099, ENA/ENG099, HUA120

HUA235 Intermediate Illustration
3 credits; 3 hours
This course further explores the students’ skills acquired in Illustration I, involving the interaction of visual imagery and verbal themes. Students will develop individual portfolios in specific illustration fields, e.g., book illustration, action comic illustration, the graphic novel, or editorial illustration. Students will also solve problems focused on the refinement of conceptual skills required to work with abstract and/or pictorial images. Technical skills with watercolor, inks, and pencil will be further enhanced. Class lectures and related reading will focus on the highlights of twentieth century illustration and graphic narratives.
Prerequisite: HUA185

Urban Study Courses

HUN101 Introduction to Bilingualism
3 credits; 3 hours
This course will cover the basic rationale, principles and applications of a bilingual philosophy of learning. It will consider psychological, social and political factors of bilingualism, including past and present legislation. It will also examine language acquisition theories, representative models of bilingualism and bilingual instruction, and issues related to the maintenance of language and culture. Field trips to various schools in the city will constitute a significant part of the course.
Prerequisite: CSE099, ENA/ENG099

HUN/SSN180 Introduction to Intercultural Communication
3 credits; 3 hours
This course introduces students to the dynamics of intercultural communications and enables them to communicate more effectively in multicultural settings. Through field trips, cultural research, and role plays, students develop the skills needed to look objectively at other cultures. Using New York City as a laboratory, they gain experience identifying and analyzing dominant cultural patterns, thus improving their ability to understand the often-perplexing behavior of people from cultures other than their own.
Prerequisite: ENG101, HUA130

HUN192 Art and Society
3 credits; 3 hours
This course examines the relationships among various art forms and the societies out of which they arise. The focus is to establish the connection between the human drive to create and the social attitudes which influence that creation and provide it with a context. Using the rich cultural resources of New York City, students will have the opportunity to explore characteristics and functions of art in other historical and cultural settings. Field trips to various art institutes in the city will constitute a significant part of this course.
Prerequisite: CSE099, ENA/ENG099
HUN194 The Puerto Rican Community Minority Group Experience
3 credits; 3 hours
This course examines the Puerto Rican community in order to provide an enhanced awareness of and sensitivity to the value systems of New York City's minorities. Students will experience first-hand the cultural heritage of one of the city's largest minorities and will learn about their contributions, conditions, and problems. Field trips will include El Barrio, Office of the Commonwealth of Puerto Rico, the Puerto Rican Traveling Theatre, and other organizations. Prerequisite: CSE099, ENALENG099

HUN196 Film and New York City
3 credits; 4 hours
This course analyzes the various cultural, historical, ethnic, class and artistic dimensions of New York in feature films such as *Musketeers of Pig Alley*, *Hester Street*, and *Do the Right Thing*, as well as in selected documentary and experimental films. The course also situates New York City within the corporate production and exhibition histories of American film. Particular attention is given to films produced in New York over the last two decades and the images of the city they project. Prerequisite: ENGL101

HUN245 The New York Theatre Experience
3 credits; 4 hours (3 lectures, 1 lab-out-of-class theatre experiences)
This course involves the study of current professional and semi-professional theatre in New York City. Students will be required to attend a series of Broadway, Off Broadway, and Off Off Broadway plays in order to compare their content, underlying aesthetic concepts and production techniques. (Plays may be seen on weekday evenings or weekend/weekday matinees.) Students should expect to pay for theatre tickets, tours, lectures, and workshops with theatre professionals and post-performance discussions. Prerequisite: CSE099, ENALENG099

Library Media Resources Center
Room E101 (718) 482-5426
Instruction in the use of library resources is a regular part of LaGuardia's educational program. Library faculty and classroom instructors arrange integrated lessons in which library presentations are tied in with class assignments to aid students in successfully completing their course work.

Department Faculty

LRC102 Information Strategies: Managing the Revolution
3 credits; 3 hours
This course is an introduction to the nature and use of information and information sources (print, multimedia, and electronic) for study and problem-solving. Students will identify information needs and pose viable research questions; plan research strategies; access materials online and in person, in libraries and on the Internet; evaluate materials found; produce critical, annotated bibliographies to help answer research questions; and face ethical, legal, and socio-economic issues of the information age. Prerequisite: CSE099; ENALENG099 Pre- or Corequisite: CSE099

LRC103 Internet Research Strategies
1 credit; 1 hour
In this course, students will acquire effective research strategies for finding reliable information on the Internet, including resources in the Invisible Web that cannot be accessed with the standard search engines. Students will learn to formulate and modify a search strategy, investigate the theory behind the search process, and critically evaluate electronic resources based on appropriate criteria. Students may use a research topic related to one of their other classes, or develop their own topic. Pre- or Corequisite: CSE099, ENALENG099

Mathematics Department
Room E218 (718) 482-5710
The Mathematics Department offers a great variety of courses to students at all levels: from basic arithmetic and algebra to linear algebra, calculus and differential equations. From these courses, students gain skills and confidence for advanced work while learning to apply their course work to other disciplines.

Department Faculty

MAT095 Mathematics in Action I
3 credits; 6 hours (5 lecture, 1 lab) (Equivalent to Quick Start USM095)
This course develops basic arithmetic and geometric concepts and skills in the areas of whole numbers, fractions, decimals, percents, and signed numbers in the setting of algebra. Algebraic topics include: combining like terms, polynomial multiplication, solving linear equations. An emphasis is placed on problem-solving skills, graphing, and interpretation of tables and graphs, incorporating the use of the calculator. A graphing calculator will be required. Admission to the course is based on placement exam scores.
MAT096 Mathematics in Action II
0 credits; 6 hours (5 lecture, 1 lab)
(Equivalent to Quick Start USM096 or USM097)
This course introduces the student to the concept of a function via numerical, graphical, and algebraic representations. Operations with polynomials, rational expressions, and radicals are explored in the context of functions. Linear equations, inequalities, and quadratic equations are additional topics studied. Students are introduced to data collecting and elementary formulations of models for data. An emphasis will be placed on problem solving skills incorporating the use of a graphing calculator. A graphing calculator will be required. Admission to the course is based on placement test scores.

MAT103 Early Concepts of Math for Children
3 credits; 3 hours
This course combines theory with practical aspects of how children learn mathematics. Students learn how to help young children to develop numerical relationships and geometric patterns. This course is of particular value to Child Development majors, prospective elementary school teachers and parents.
Prerequisite: MAT096

MAT104 Mathematics in Elementary Education
3 credits; 3 hours
This is the second course of a sequence devoted to the study of how children learn mathematics. The course examines the mathematics curriculum of the elementary school with an emphasis on how to teach it. Among the topics included are operations on rationals, geometry, measurement and basic notions of statistics of particular value to prospective school teachers and paraprofessionals.
Prerequisite: MAT103

MAT106 Mathematics of Medical Dosages
2 credits; 2 hours
This course is designed for Nursing majors and will aid them in applying basic mathematical concepts to on-the-job situations. Students will learn the various techniques of calculations. These include conversions using metric, household, and apothecary systems of measurement as well as the computational methods used in the preparation of oral medication, solutions, parenteral therapy, and pediatric dosages.
Prerequisite: MAT096
Corequisite: SCR110

MAT107 Mathematics and the Modern World
3 credits; 3 hours
This course introduces selected topics in mathematics which have significant application in other fields. For each topic studied, emphasis will be placed first on the mathematics itself, and then on one or more significant applications of the mathematics. Topics to be included will be chosen from the areas of number theory, algebra, probability and statistics, topology, computers, and geometry.
Prerequisite: CSE099, ENA/ENG099, MAT096

MAT115 College Algebra and Trigonometry
3 credits; 4 hours (3 lecture, 1 lab)
This course will start with a review of basic algebra (factoring, solving linear equations and equalities, etc.) and proceed to a study of polynomial, exponential, logarithmic, and trigonometric functions. These functions will be used in applications involving simple mathematical modeling where students will engage in inquiry activities aimed at improving critical thinking skills.
Prerequisite: Score of 27 or higher on Pre-algebra portion of COMPASS test and score of between 27 and 39 inclusive on the Algebra portion of the COMPASS test.

MAT120 Elementary Statistics I
3 credits; 4 hours (3 lecture, 1 lab)
This course serves as a study of fundamental concepts and computational techniques of elementary statistics. Among the topics studied are: measures of central tendency, standard deviation, percentiles, statistical graphs, binomial and normal distributions, probability, confidence intervals, hypothesis testing, regression and correlation. A statistical software package will be used by students to obtain basic sample statistics, to simulate fundamental theories and to assist with hypothesis testing. A graphing calculator will be used by students to assist with computations, as well as with tabular and graphical displays of data.
Prerequisite: MAT096

MAT121 Elementary Statistics II
3 credits; 3 hours
As a sequel to MAT120, this course develops the methods of statistical inference including experimental design, sampling, estimation, hypothesis testing and decision making.
Prerequisite: MAT120

MAT132 History of Mathematics
3 credits; 3 hours
This course serves as an examination of the theoretical developments of mathematics from antiquity to the end of the last century. Mathematical thought will be studied in relation to the social, economic and technological forces of various crucial periods. Among the topics treated historically are systems of numeration, logic, geometry from Euclid through Riemann, and the development of the modern computer beginning with primitive instruments.
Prerequisite: ENA/ENG099, MAT096

MAT200 Precalculus
4 credits; 5 hours (4 lecture, 1 lab)
This course is intended as a preparation for the study of calculus. Functions and their graphs will be analyzed theoretically within a framework that emphasizes their appearance in applied settings. Particular attention will be placed on polynomial, exponential, logarithmic, and trigonometric models. The use of graphing utilities as analytical tools will be emphasized. Each student is required to have a graphing calculator.
Prerequisite: MAT115

MAT201 Calculus I
4 credits; 4 hours
This course is the first of a three-course sequence designed to provide students with an appreciation of the usefulness and power of calculus. The course covers the fundamentals of the differential calculus of elementary functions and includes an introduction to integral calculus. Among the topics studied are limits, derivatives, applications of the derivative, and integrals.
Prerequisite: MAT200

MAT202 Calculus II
4 credits; 4 hours
This course is designed to provide students with an appreciation of the usefulness and power of calculus. Emphasis will be placed on the application of calculus to various disciplines. Among the topics studied are definite integral, area, formal integration and applications of integration.
Prerequisite: MAT201

MAT203 Calculus III
4 credits; 4 hours
This is the third course in the calculus sequence and is designed to build upon the concepts and techniques of MAT201-202 and to provide a more rigorous conceptual grounding for the entire calculus sequence. Topics to be covered include limits and continuity, indeterminate forms, infinite series, the Taylor expansion and applications, solid geometry, the calculus of several variables, and an introduction to partial derivatives.
Prerequisite: MAT202
MAT204 Elementary Differential Equations
4 credits; 4 hours
This course will consider selected problems and mathematical models which generate first- and second-order differential equations. Both numerical and analytical methods will be used to obtain solutions for first- and second-order differential equations. Power series solutions will be emphasized, and where feasible, solutions utilizing computer methods will be explored.
Prerequisite: MAT202
Pre- or Corequisite: MAT203

MAT210 Linear Algebra
3 credits; 3 hours
This course is designed to introduce the students to the theory and applications of algebraic structures. This is done by studying the structure and properties of the matrix. The matrix is viewed both as an object possessing algebraic structure and an aid to computation. Systems of equations and their solutions are studied, and the concepts of basis and dimension are developed. Applications are discussed, including linear programming and computer programs in BASIC.
Prerequisite: MAT210

MAT230 Introduction to Discrete Mathematical Structures
4 credits; 4 hours
This course covers mathematical concepts essential for continued study in computer science and related fields. The topics of study include: the mathematical concept of algorithm with emphasis on the process of recursion; Boolean algebra with applications to logic; switching circuits; an introduction to combinatorics with application to probability; linear algebra with applications to programming; and graph theory.
Prerequisite: CIS101 or any programming language course, MAT201
Pre- or Corequisite: MAT202

MAT241 Technical Mathematics I
4 credits; 4 hours
This course helps students to appreciate the usefulness of mathematics in today's technical world. The concepts of college algebra and trigonometry are presented with emphasis on their applications in science and technology. Topics include analytic geometry, trigonometry, exponential and logarithmic functions and their graphs, system of linear equations, matrices and complex numbers.
Prerequisite: MAT246

MAT242 Technical Mathematics II
4 credits; 4 hours
This is the second course in the Technical Mathematics sequence. Scientific methods of differential calculus are developed and applied to solving practical problems. Topics include differentiation and integration of algebraic, exponential, logarithmic and trigonometric functions, curve sketching, rectilinear motion, extrema, area and volume.
Prerequisite: MAT241

Engineering Science

MAE101 Engineering Lab 1
1 credit; 3 hours (lab)
This is the first of two engineering laboratory courses. Students meet once a week and are introduced to engineering design through hands-on laboratory work using computer applications. They are taught how to carry out basic structural analysis; in particular, they are introduced to programming a robot to perform a specific task. Additionally, they work in groups on design projects and are expected to use computer programs for documentation, for data analysis, and for maneuvering the robots.
Prerequisite: MAT200

MAE103 Engineering Lab 2
2 credits; 3 hours (lab)
This course presents selected mathematical concepts and techniques of engineering science, using Matlab. It reinforces the importance of qualitative and quantitative reasoning, and introduces computer-based methods for verifying analytic reasoning and experimental results.
Prerequisite: MAT202, SCP231, MAE101

MAE211 Engineering Mechanics: Statics
3 credit; 3 hours
This course is designed to introduce students to the theory and applications of engineering mechanics - statics. Topics to be covered include equivalent systems of forces, resultants, distributed forces, equilibrium of rigid bodies, centroids, centers of gravity, fluid statics, moments of inertia, and friction. Analysis of frames and machines, forces in beams, internal stresses, and stability will also be considered. Vector algebra will be used where appropriate.
Prerequisite: SCP231, MAT202

MAE213 Electrical Circuits I
3 credits; 3 hours
Students are introduced to the analysis of basic AC and DC circuits containing resistors, inductors, capacitors, and both independent and dependent sources of voltage and current. Voltage division and current division yield simplified analysis of resistors (impedences) in series and in parallel, respectively. Thevenin's and Norton's theorems are used to determine equivalent subcircuits. Differential equation techniques are presented to simplify the analysis of AC circuits.
Prerequisite: SCP232, MAT203, MAT204

MAE219 Thermodynamics I
3 credits; 3 hours
This course introduces students to basic physical concepts and applications of thermodynamics, and to their consequences for engineering processes and operations. Emphasis is placed on the first and second laws. Properties of pure substances are studied, along with basic principles governing transformations of energy, particularly heat and work. Behavior of mixtures of gases and vapors and air conditioning are considered. An elementary introduction to cycles (Carnot cycle, reversibility, power and refrigeration cycles) completes the course.
Prerequisite: SCP232, SCC201, MAT203, MAT204

Natural and Applied Sciences Department

Room E300 (718) 482-5740
The Department offers courses in: natural sciences (biology, chemistry, general science, health science, and physics), applied sciences (veterinary technician, dietetic technician, nutrition care services and foodservice management, school foodservice management, EMT/Paramedic, human services, American Sign Language, child development, gerontology, mental health, nursing, occupational therapy assistant and physical therapy assistant), and urban studies.

Department Faculty
**Biology**

**SCB101 Topics in Biological Sciences**
3 credits; 4 hours (2 lecture, 2 lab)
This course gives an introduction to the scientific method, the origin and organization of life, and reproduction and ecology. The relevance of modern biological theory to human life in particular areas will be emphasized using selected topics such as urban pollution and population control.
Prerequisite: CSE099, ENA/ENG099, MAT096

**SCB160 Food Microbiology**
4 credits; 6 hours (3 lecture, 3 lab)
This course is an introduction to the science of food, with emphasis on microorganisms which affect it. Digestive processes and fundamental chemistry of food are studied, as well as the complex interactions which exist between food and microorganisms, including handling, preparation and storage. The laboratory will focus on morphological and physiological characteristics of microorganisms associated with contamination, spoilage, preservation, and food-borne disease. This course does not fulfill the Dietetic Technology General Microbiology requirement.
Prerequisite: SCB100
This course satisfies the New York City Department of Personnel requirement for the foods course for eligibility for School Lunch Manager.

**SCB201, 202 Fundamentals of Biology I and II**
4 credits; 6 hours each (3 lecture, 1 recitation, 2 lab)
This course is an integrated two-semester laboratory-based sequence, stressing major concepts of biology designed to assist the student in relating these concepts to the environment. The scientific method of thinking and the experimental approach will be stressed. Among the topics studied are: SCB201: Cellular and molecular basis of life, heredity, and the evolution of life. SCB202: Survey of the kingdoms, organismic anatomy and physiology with emphasis on the human system, the principles of ecology and problems of population.
Prerequisite for SCB201: CSE099, ENA/ENG099, MAT096
Prerequisite for SCB202: SCB201

**SCB203 Fundamentals of Human Biology I**
4 credits; 6 hours (3 lecture, 1 recitation, 2 lab)
This course is an introduction to the anatomy and physiology of the human body. The architecture and function of cells, tissues and organ systems will be studied. The laboratory includes physiology experiments and gross and microscopic anatomy experiments using the cat as a dissection subject. Topics will include the chemistry of life, the cell, skeletal, muscular, cardiovascular, immune and respiratory systems. Students should expect to pay for additional materials.
Prerequisite: CSE099, ENA/ENG099, MAT096

**SCB204 Fundamentals of Human Biology II**
4 credits; 6 hours (3 lecture, 1 recitation, 2 lab)
This course is an introduction to the anatomy and physiology of the human body. The architecture and function of cells, tissue and organ systems will be studied. The laboratory includes physiology experiments and gross and microscopic anatomy experiments, using the cat as a dissection subject. Topics will include the digestive, nervous, endocrine, urinary, and reproductive systems. A student will need disposable gloves and a dissection kit.
Prerequisite: SCB203

**SCB208 Vertebrate Anatomy and Physiology I**
2 credits; 3 hours (1 lecture, 2 lab)
This course introduces the student to the evolution, anatomy and physiology of the major vertebrate classes. Emphasis is placed on the taxonomy and characteristics of vertebrates. Muscle and bone organization and the physiology of contraction are also covered in depth. In the laboratory, students have the opportunity to dissect representative non-mammalian vertebrates.
Prerequisite: SCB101 for students in Veterinary Technology Program, SCB202 for all Associate of Science students, SCC140

**SCB209 Vertebrate Anatomy and Physiology II**
3 credits; 4 hours (2 lecture, 2 lab)
This course is a continuation of Vertebrate Anatomy and Physiology 1. Major organ systems are discussed while emphasis is placed on mammalian anatomy and physiology. In the laboratory, students have the opportunity to view these systems through the dissection of a cat.
Prerequisite: SCB208

**SCB240 Biotechnology I**
2 credits; 4 hours (1 lecture, 3 lab)
Biotechnology is the application of recombinant DNA technology to living systems. Biotechnology I is an introductory laboratory course which will allow the student to learn some of the basic techniques used in molecular biology and recombinant DNA laboratories. This course will include basic applications of gel electrophoresis and interpretation of restriction enzyme cleavage patterns of DNA, including DNA fingerprinting.
Prerequisite: SCB201 or SCB208 or SCC201

**SCB260 General Microbiology**
4 credits; 6 hours (3 lecture, 3 lab)
This course offers an introduction to microorganisms found in nature, industry and disease. The student is introduced to virology, bacteriology, immunology, epidemiology, pathology and other related areas of microbial physiology. The laboratory will deal with the isolation and identification of common pathogenic and nonpathogenic organisms utilizing techniques of staining, culturing, fermentation reactions and microscopic inspection.
Prerequisite: SCB202 or SCB204 or SCB209

**Chemistry**

**SCC101 Topics in Chemistry**
3 credits; 4 hours (2 lecture, 2 lab)
This course is a one-semester survey of the principles and applications of chemistry. Emphasis will be placed upon descriptive chemistry in areas such as food and drugs, synthetics and biological chemistry. Lecture and discussion will be complemented by laboratory experiments in which chemical principles and techniques are applied to the analysis and synthesis of familiar items. Note: This course is not open to students with credit in SCC140 or SCC201.
Prerequisite: CSE099, ENA/ENG099, MAT095

**SCC140 Biological Chemistry**
3 credits; 4 hours (2 lecture, 2 lab)
This course is an introduction to the chemical basis of life. Topics will include an introduction to basic chemical principles, atomic structure, bond formation, and structure and mechanisms in organic and bio-chemical systems. These will be related to the basic life processes of reproduction, development, growth, nutrition and health.
Prerequisite: CSE099, ENA/ENG099, MAT096
This course will be offered only in Fall 2005. Replaced by SCC210.

**SCC201, 202 Fundamentals of Chemistry I and II**
4 credits; 6 hours each (3 lecture, 1 recitation, 2 lab)
This is a two-semester sequence covering the basic concepts of chemistry and their historical development. The experimental nature of chemistry as well as the role of chemistry in many aspects of daily life are stressed. Among the topics studied are: SCC201: Atomic structure, chemical bonding, chemical reactivity, quantitative relationships in chemical reactions, thermochemistry, gases. SCC202: Liquids, solids, solutions, acid-base theory, chemical kinetics, chemical equilibrium, chemical thermodynamics, electrochemistry, nuclear chemistry.
Prerequisite for SCC201: CSE099, ENA/ENG099, MAT096
Prerequisite for SCC202: SCC201
SCC210 Foundations of Chemistry
4 credits; 6 hours (3 lecture, 3 lab)
This course presents essential facts, laws and theories of general chemistry. Topics include measurement and significant figures, atomic structure, elements and compounds, chemical reactions, stoichiometry, solutions, and acids and bases. Nuclear radiation and classification of simple organic compounds according to functional groups. The laboratory component is designed to illustrate the fundamental laws and techniques of general chemistry. The course addresses the needs primarily of allied health students. 
Prerequisite: CSE099, ENA/ENG099, MAT096
This course will replace SCC140 beginning in Spring 2006.

SCC251, 252 Organic Chemistry I and II
5 credits; 7 hours each (3 lecture, 4 lab)
This course is a two-semester sequence emphasizing the synthesis, structure, reactivity and mechanisms of reaction of organic compounds. Laboratory stresses synthesis, purification, separation and identification of compounds.
SCC251: Aliphatic and aromatic hydrocarbons, stereochemistry.
SCC252: Alcohols, ethers, aldehydes, ketones, carboxylic acids, amines, heterocycles, biomolecules.
Prerequisite for SCC251: MAT096, SCC252
Prerequisite for SCC252: SCC251

Dietetics

SCD007 Co-op Prep–Dietetic Technician
0 credit; 1 hour
This course reviews the policies and procedures for dietetic fieldwork eligibility, introduces students to the skills necessary to successfully complete fieldwork, and aids the student in developing personal and career goals. Students must successfully complete this course in the semester immediately preceding their fieldwork experience.
Prerequisite: SCD200

SCD100 Foods
3 credits; 5 hours (2 lecture, 1 recitation, 2 lab)
This course will investigate the didactic and experiential components of the scientific study of foods. Upon completion of the course, the student will have acquired a basic understanding of the scientific principles governing foods and the use of commercial food service equipment. Emphasis will be placed on the identification of qualitative aspects of foods and elementary food preparation techniques.
Prerequisite: CSE099, ENA/ENG099, MAT095

SCD200 Introductory Nutrition
3 credits; 3 hours
This course is an introduction to the scientific principles of human nutrition. The following aspects of dietary nutrients are studied: physical and chemical properties, physiological functions, effects of deficiency or excess, dietary allowances, food sources, and availability of nutrients from various foods. Current experimental and population studies data will be discussed. Projects will be required.
Prerequisite: MAT096
Pre- or Corequisite: ENG101

SCD201 Clinical Nutrition A
3 credits; 3 hours
This course is a study of the relationship between diet and disease. Students learn methods of nutritional assessment, obtaining nutrition histories, and calculating and planning prescribed diets. Students will explore the relationship of diet to various disease conditions such as diabetes, weight control, cardiovascular disease, hypertension and allergies.
Prerequisite: SCD200

SCD202 Clinical Nutrition B
3 credits; 3 hours
This course is a continuation of the study of the relationship between diet and disease begun in Clinical Nutrition A. Emphasis will be placed on the dietary implications of gastrointestinal diseases, disease of the liver, pancreas, gallbladder and kidney, cancer, surgery and burns.
Prerequisite: SCD201

SCD203 Life Cycle Nutrition
3 credits; 3 hours
This course is a study of the nutritional requirements of individuals throughout the life cycle. Emphasis is placed on the physiological, socioeconomic and cultural factors affecting nutritional status. Nutrition intervention by government and private agencies for population groups at nutritional risk will be addressed.
Prerequisite: SCD200

SCD205 Advanced Foods
3 credits; 3 hours (2 lecture; 3 lab)
This course introduces the student to advanced culinary techniques with an emphasis on food presentation and garniture. Topics include recipe development, menu planning, cost control and energy saving practices. Professional cooking techniques are utilized and students are introduced to the organization of the classical kitchen.
Prerequisite: SCD100, SCD250

SCD206 Applied Dietetics
2 credits; 2 hours
This course introduces students to the concepts, techniques and skills necessary for the assessment of clients’ normal nutritional needs for the promotion of wellness through nutritional planning and client education. Topics to be addressed include gathering nutritional assessment, developing and implementing a nutrition instruction plan, and documenting interventions. Participation in the LaGuardia Nutrition Fair is a requirement of this course.
Prerequisite: SCD200

SCD221 Dietetic Field Experience II
2 credits; 1 seminar hour, 16 fieldwork hours
This fieldwork course is an application of the principles learned in Clinical Nutrition A. With supervision, students review medical records, interview patients to obtain nutrition histories, and develop and document nutrition care plans. Students calculate and plan diets for weight control, diabetes and cardiovascular diseases. Attendance at a weekly seminar is required. Students must provide proper uniform, liability insurance, and evidence of physical examination.
Prerequisite: SCD260
Corequisite: SCD201

SCD222 Dietetic Field Experience III
2 credits; 1 seminar hour, 16 fieldwork hours
This fieldwork course provides for the application of the principles learned in courses throughout the dietetic technician curriculum. The student will refine skills acquired from previous academic and fieldwork experiences. The student will choose placement at a foodservice management, clinical nutrition or community site. Attendance at a weekly seminar, designed to prepare the student for entrance into the job market, is required. Students must provide evidence of liability insurance and physical examination prior to beginning this course.
Prerequisite: SCD221
Pre- or Corequisite: SCD202
SCD250 Quantity Food Production
3 credits; 3 hours
This course covers the basic principles involved in the planning, preparation, and service of large quantities of food in foodservice facilities. Topics include food selection variables, menu planning techniques, forecasting procedures, “front and back of the house” management, and recipe standardization, conversion, and costing. Term projects are required.
Prerequisite: ENG101, SCD100
Corequisite: SCD260 for D.T. students only

SCD251 Foodservice Sanitation & Safety
3 credits; 3 hours
The emphasis of this course is on the sanitation and safety needs of quantity foodservice operations. Topics include food handling and storage, cleaning and sanitizing procedures, foodborne diseases, principles for prevention of food poisoning, and pertinent regulations. The course integrates basic principles of equipment selection, layout and design, and work simplification. Term projects are required. Completion of this course enables students to be eligible for the Food Protection Certificate from the NYC Department of Health.
Prerequisite: SCD100

SCD252 Quantity Food Purchasing
3 credits; 3 hours
This course covers the technical aspects and procedures involved in forecasting and institutional procurements for foodservice systems. Topics include market analysis, buying ethics, legal aspects, and effective control of food costs. The development and implementation of accurate and precise food commodity specifications, purchasing strategies, portion control methods, inventory controls, and receiving procedures are introduced. Food cost accounting topics and relevant calculations are presented. Term projects are required.
Prerequisite: MAT096, SCD250

SCD253 Foodservice Administration
3 credits; 3 hours
This course deals with the organization and administration of foodservice systems in institutions. Topics include the functions of management, personnel procedures and management, marketing and promotional activities, and human relations techniques for employees and clients. Also, administrative leadership topics are presented such as legal, organizational, and cost control aspects of management. Term projects and case studies are required.
Prerequisite: MAT096, SCD250

SCD260 Dietetic Field Experience I
1 credit; 8 fieldwork hours per week
This course is an application of theories learned in Quantity Food Production. The practical implementation of the principles involved in the preparation and service of large quantities of food in health care facilities will be studied. The student will actually be involved in the supervised preparation of large quantities of food in the various units of a foodservice system in a health care institution. Proper uniform, liability insurance, physical examination, seminars, and reports are required.
Prerequisite: MAT096, SCD100
Corequisite: SCD250

Health

SCH111 Aging and Health
3 credits; 3 hours
This course will discuss the aging process and the effect of biological changes on the mental processes and functioning of the individual. The relationship between aging and chronic disease will be reviewed with special consideration given to prevention of the effects of physical and mental deterioration. Role playing, exercises and group discussions will be used to increase the knowledge of the aging process and consider the relationship between the emotional, social and physical forces of aging.
Prerequisite: CSE099, MAT095, ENG101, SCT101 for PT Assistant majors only

SCH150 Drugs and Behavior
3 credits; 3 hours
This course is an overview of drug abuse and addiction. It encompasses issues related to alcohol and drug dependency. A variety of methods is used to explore such issues as the psychosocial aspects of drug taking; the dynamics of dependence; pharmacology; medical and non-medical use of drugs; preventive measures and alternatives. Students will have the opportunity to develop a fundamental philosophy and understanding which can be used in more advanced study.
Prerequisite: CSE099, ENAENG099

SCH210 Human Sexuality
3 credits; 3 hours
This is a survey course designed to provide students with knowledge of sexuality as related to their physical, mental, and emotional maturation. Topics to be addressed include: anatomy and physiology of the reproductive system, sexual health concerns, alternative life styles (i.e., bisexuality, homosexuality, and erotic minorities). Emphasis is placed on the positive functional aspects of sexuality rather than the dysfunction.
Prerequisite: CSE099, ENAENG099, MAT095

Human Services

HSC101 Orientation to Human Services
3 credits; 3 hours
This course is designed to provide students with a broad view of human services through a combination of field visits to community agencies and classroom presentations. Topics include an overview of human services as a profession; examination of similarities and differences in program functions and service delivery styles; identification of issues and concerns of workers and consumers.
Prerequisite: CSE099, ENAENG099

HSC102 Principles of Human Relations
3 credits; 3 hours
Students will be given the opportunity to learn fundamental concepts and skills needed for relating to, and working with, people from different cultural and ethnic backgrounds. The course will focus on the principles of human relationships through discussions, exercises, and role-playing activities. Topics to be covered within a multicultural framework will include self-understanding, the helping relationship, using communication tools, and the professional self.
Prerequisite: CSE099, ENAENG099

HSC130 Activities for Human Services Settings
3 credits; 3 hours
This course will enable the student to understand the reasons for and uses of activity in human services settings. Topics covered will include theoretical frameworks underlying different approaches, an introduction to the range of activities, a consideration of the processes involved in using activities with clients, and the use of activities in relation to clients with different cultural heritages. Students will participate in selected activities and will develop a resource portfolio.
Prerequisite: MAT095, HSC102, SST101
Corequisite: A Cooperative Education internship in a related setting

HSC135 Human Services Roles and Systems
3 credits; 3 hours
The students in this course will explore the concepts related to worker, supervisory and client roles in human services settings. Guidelines for specific roles will be identified. The dynamics of bureaucratic organizations will be discussed in relation to students' experiences as interns. Understanding of elementary systems theory will be reinforced, and alternative types of service delivery systems will be compared with the agencies known by the students.
Prerequisite: HSC101, HSC102, SSI100 or SSB110
Corequisite: A Cooperative Education internship in a related setting
HSC160 Conflict Resolution  
3 credits; 3 hours  
Students in this course will explore the nature of conflicts in a multicultural, pluralistic society, the difficulties that arise in resolving them, and alternative methods for settling them in a peaceful way (negotiations, mediation, arbitration, adjudication). Special emphasis will be placed on mediation as an extension of the negotiation process in the resolution of interpersonal, community, and workplace disputes.  
Prerequisite: ENG101, HUC101, SSS100 or SSE103 or SSE104 or SY101

HSC203 Human Services Internship and Seminar 1  
2 credits; 1 seminar hour; 15 on-site internship hours  
This combined internship and seminar introduces students to human services organizations where they relate to clients in multicultural settings under professional supervision. Students will learn to interrelate theory and practice through the linking of assignments in field and classroom. They will also meet regularly in seminars to explore, demonstrate and evaluate specified knowledge, skills, and values related to the field.  
Prerequisite: HSC101, HSC102, HSS014, SSS100  
GPA of 2.0 or better  
Corequisite: HSD170 or HSG130 or HSM120 or HSC130

HSD170 Integrated Curriculum A: Framework for the Developing Child  
3 credits; 3 hours  
This first course in the Child Development sequence introduces the concept of the integrated curriculum as the preferred approach in early childhood education. Theories on the acquisition of language and its sequential development will provide a framework for understanding the significance of language in interpersonal relationships within one's culture and across other cultural groups. Curriculum experiences for children will be planned and tested in a required co-requisite internship setting.  
Prerequisite: HSC102, SSS100 or SSB110  
Pre- or Corequisite: SY101  
Corequisite: Approved Co-op internship

HSD171 Integrated Curriculum B: Developing Problem-Solving Skills  
3 credits; 3 hours  
This course will introduce students to the problem solving and logical thinking processes that are common to both science and mathematics learning for young children. The continuing emphasis on language development will focus on building a specialized vocabulary and the communication of thinking processes. The course will also foster knowledge and understanding of the mathematical and scientific legacies ancient cultures and civilizations have passed on to the modern world. There is a required co-requisite internship.  
Prerequisite: HSD170  
Pre- or Corequisite: MAT103 or SCB101 or SCP101  
Corequisite: Approved Co-op internship

HSD172 Integrated Curriculum C: Developing Creativity  
3 credits; 3 hours  
This course will consider the media through which children's creativity is expressed. The content will focus on the use of imaginative play, music and movement, art and materials. The course will also challenge students to study present art, music, and literature in their many forms from various cultural, ethnic, religious, and racial perspectives.  
Prerequisite: HSD170  
Pre- or Corequisite: HUA101 or HUM101, SY240  
Corequisite: Approved Co-op internship

HSD204 Child Development Internship and Seminar 2  
2 credits; 1 seminar hour; 15 on-site internship hours  
This combined internship and seminar is a continuation of the learning process begun in HSC203. Students will work with clients in Child Development settings under the supervision of a trained early childhood professional. They will also meet regularly in seminars to explore, demonstrate, and evaluate specific theories, knowledge, skills and values related to early childhood education.  
Prerequisite: HSC203, GPA of 2.0 or better  
Corequisite: HSD171 or HSD172

HSD205 Child Development Internship and Seminar 3  
2 credits; 1 seminar hour; 15 on-site internship hours  
This combined internship and seminar is a continuation of the learning process begun in HSC203. Students will intern in a child development agency under professional supervision. They will also meet regularly in seminar classes to explore, demonstrate, and evaluate specified knowledge, skills and values related to the field.  
Prerequisite: HSC203, HSD170, GPA of 2.0 or better  
Corequisite: HSD171 or HSD172

HSE105 Understanding and Working with Children with Disabilities  
3 credits; 3 hours  
This course is designed to link an understanding of the normal growth and development of children with an understanding of the special developmental problems of children with disabilities. Students will learn to identify the cognitive, affective, physical and social ways in which disabled children vary from other children. They will develop competence in evaluating and selecting culturally diverse activities and materials that are appropriate for use with children with a range of disabilities.  
Prerequisite: SSS240

HSE106 Working with Communication-Impaired Populations  
3 credits; 3 hours  
This course is designed to acquaint students with the natural development of language and to give them an understanding of communicative disorders. It will introduce students to specific characteristics of communication-impaired persons and the ways they relate to their environment. Students will develop competency in evaluating materials appropriate use with culturally diverse populations. They will be able to recognize the characteristics of the typical educational environment which must be adapted to meet the needs of people with communicative disorders.  
Prerequisite: CSE109, ENA/ENG109, SSS240  
Pre- or Corequisite: HSE105

HSE111 Introduction to Developmental Disabilities  
3 credits; 3 hours  
This course will provide an overview of developmental disabilities and the nature and needs of disabled children throughout the life cycle. Issues to be explored include definition of developmental disabilities, etiology, normalization, mainstreaming, and the role of the interdisciplinary team. Legal, ethical, and cultural considerations will be emphasized, as well as the impact of disabilities on the person, family and community. One field visit will be required.  
Prerequisite: ENG101, HSC102, SSS100 or SSB110, SY101

HSE112 Intervention with Fragile Infants and Toddlers  
3 credits; 3 hours  
This course provides students with strategies to work with fragile and at-risk infants and toddlers, including those prenatally exposed to drugs. Emphasis will be placed on the children's cognitive, linguistic, social, physical and affective development. Other topics include: laws, regulations, and policies, parents and family involvement; cultural and social factors that may impact on intervention. Acquired theoretical concepts will be applied in appropriate co-op settings. Two field visits are required.  
Prerequisite: HSE111  
Pre- or Corequisite: ENG102  
Corequisite: Approved Co-op internship or employment in the field

HSE150 Introduction to Gerontological Services  
3 credits; 3 hours  
This course introduces students to the theories underlying practice in the area of gerontological services in New York City's culturally diverse environment. Substantive areas covered include an overview of the social forces, policy issues and institutions impacting on older adults, major legislation affecting older adults, service delivery programs for a culturally diverse aging population, employment opportunities and career advancement in aging services. Field visits to a variety of service programs required.  
Prerequisite: CSE109, ENA/ENG109
HSM 120 Survey of Psychological Treatment Approaches
3 credits; 3 hours
This course will introduce students to psychological treatment approaches in mental health settings. These will include psychoanalytic, Rogerian, behavioral and common treatment systems. Theoretical framework and guidelines of each approach will be considered. The class will review case studies demonstrating each. Pre-requisite: HSC 102, SYY 101, internship in human services setting or permission of instructor.

HSM 125 AIDS-Related Case Management
3 credits; 3 hours
This course will enable students to learn about case management with clients who are HIV-positive or who have AIDS. Topics include the biopsychosocial aspects of HIV/AIDS, the role of worker in HIV prevention and testing, and providing services and functioning as a case manager or technician. The AIDS service delivery system, management of occupational risk, and self and group support for the worker are also discussed. An AIDS-specific internship is a corequisite.
Pre-requisite: MAT 098, HSC 102, HSC 135, SYY 100, SSB 110, SCN 194
Corequisite: AIDS-specific internship approved by program director and Cooperative Education coordinator.

HSM 140 Principles of Child Welfare Services
3 credits; 3 hours
Students in this course will survey the history, laws, theoretical concepts, operating models and significant theorists related to child welfare services. A field visit to a child welfare agency will be required.
Pre-requisite: ENG 101, HSC 101, SYY 101

HSM 204 Mental Health/Gerontology Internship and Seminar 2
2 credits; 1 seminar hour, 15 on-site internship hours
This combined internship and seminar is a continuation of the learning process begun in HSC 203. Students will work with clients in Human Services settings under professional supervision. They will also meet regularly in seminar classes to reflect on their experience and to explore, demonstrate, and evaluate specific knowledge, skills and values related to the field. Pre-requisite: HSC 203, GPA of 2.0 or better.
Corequisite: HSC 130 or HSC 135 or HSC 150 or HSM 120

HSM 205 Mental Health/Gerontology Internship and Seminar 3
2 credits; 1 seminar hour, 15 on-site internship hours
This combined internship and seminar is a continuation of the learning process begun in HSC 203. Students will build on their prior experience by interning in Human Services agencies, and relating to clients under professional supervision. They will also meet regularly in seminar classes to reflect on their experience and to explore, demonstrate, and evaluate specific knowledge, skills and values related to the field. Pre-requisite: HSC 203, GPA of 2.0 or better.
Corequisite: HSC 130 or HSC 135 or HSG 150 or HSM 120

HSM 103 Community Dynamics: Impact on Human Services
3 credits; 3 hours
Students will examine New York City’s multicultural urban community as an action system in the delivery of human services. Topics to be included are: the community decision-making process, community planning and development of human services, and community change techniques. Field visits will be made to community decision-making groups.
Pre-requisite: HSC 101, SSS 100 or SSB 110

HSM 110 Perspectives on Homelessness
3 credits; 3 hours
Students in this course will study homelessness as a social problem. Topics will include factors contributing to the rise and persistence of homelessness, the meaning of homelessness to homeless people and the public, and the emerging role of the human services system. Responses of people from different cultures to the scarcity of affordable housing will be explored. The course will explore the national scope of homelessness, but will focus primarily on the problem in New York City. Field trips will be made to program sites.
Pre-requisite: MAT 095, SSS 100 or SSB 110 or SSE 103 or SSE 104 or SYY 101
Pre- or Corequisite: ENG 101

HSS 014 Co-op Prep—Human Services
0 credits; 1 hour
This course enables students to prepare for the internships that are required of all Human Services students, regardless of status. The course introduces students to the requirements and processes of the internship program. Students are assisted in recognizing their skills, writing learning objectives for their internships, preparing a resume, preparing for employment interviews and learning about Human Services careers.
Pre-requisite: CSE 099, ENA/ENG 099

Nursing

SCL 101 Fundamentals of Practical Nursing
5 credits; 9 hours (3 lecture, 6 lab)
This course will assist students in gaining knowledge of essential nursing and procedures. The students develop skills in collecting data, diagnosis recognition, assisting in the planning and implementation of the care plan, performing procedures, handling equipment, and documenting client outcomes. Clinical experiences stress the development of fundamental nursing skills. Uniform, liability insurance, physical examinations and CPR (BCLS) are required.
Pre-requisite: ENG 101, SCL 203, SSS 101, MAT 106
Pre- or Corequisite: SCL 204
Corequisite: SCL 102, SCL 103
SCL102 Fundamentals of Practical Nursing
2 credits; 3 hours (2 lecture, 1 lab)
This course is designed to familiarize the student with an overview of the history of nursing, communication principles, medical terminology and cultural concepts as they relate to understanding clients across the lifespan. The scope of practice of the Practical Nurse in a variety of health care settings will be defined and explored. Students will be exposed to computer assisted instruction (CAI) and Internet research methods as integral adjuncts to the teaching/learning process.
Prerequisite: ENG101, MAT106, SSY101, SCL203
Pre-or Corequisite: SCL204
Corequisites: SCL101, SCL103

SCL103 Concepts in Pharmacology and Nutrition
2 credits; 3 hours (2 lecture, 1 lab)
This course will introduce principles of pharmacology and nutrition. The focus will be on the study of pharmacological classifications, actions, therapeutic uses and side effects of medications. Methods of nutrition delivery and drug and diet interactions will be addressed. Emphasis will be placed on the nursing process as it relates to the nurse's responsibilities in the provision of nutritional therapeutics and the administration of medications to clients across the lifespan.
Prerequisite: ENG101, MAT 106, SCL203, SY101
Pre-or Corequisite: SCL204
Corequisites: SCL101, SCL102

SCR110 Fundamentals of Nursing
6 credits; 12 hours (3 lecture, 3 lab, 6 clinical)
This course is an introduction to the interrelated roles of the associate degree nurse, with emphasis on the role of provider of care. Students focus on the assessment and analysis phases of the nursing process to formulate nursing diagnoses. Campus laboratory experiences stress the development of fundamental nursing skills. Clinical experience in health facilities involves care of clients with health problems. Proper uniform, liability insurance, physical examinations and CPR (BCLS) certification are required.
Prerequisite: ENG101, SCL203, SCC140, SY101, pre-clinical index of 2.5 or above and permission of Nursing Program Director.
Pre-or Corequisite: SCL204
Corequisite: MAT106, SCR150

SCR150 Perspectives of Nursing
1 credit; 1 hour
This course focuses on historical influences on nursing. The evolution of the nursing profession within the health care delivery system will be explored. Emphasis will be placed on past nursing leaders and various types of nursing education.
Prerequisite: ENG101, SCL203, SCC140, SY101
Corequisite: SCR110

SCR200 Psychiatric Mental Health Nursing
4 credits; 14 hours (5 lecture, 3 lab, 6 clinical)
This course focuses on the psychosocial needs of clients throughout the life cycle. The assessment of clients' physical and behavioral responses to stress will be explored as well as the determination of goals for intervention. Focusing on the use of self as a therapeutic agent, students will learn techniques of intervention to promote and maintain clients' mental health, as well as assist clients who are mentally ill. Experiences will be provided in psychiatric/mental health settings.
Prerequisite: MAT106, SCL204, SCR110, SCR150, SY101

SCR210 Medical Surgical Nursing I
4 credits; 14 hours (5 lecture, 3 lab, 6 clinical)
This course will focus on nursing care of adults with major health problems. Utilizing the nursing process, students will develop appropriate plans of care for clients. Emphasis will be placed on formulating goals for intervention.
Prerequisite: MAT106, SCL204, SCR110, SCR150, SY101
Pre-or Corequisite: SCL204

SCR260 Trends in Nursing
1 credit; 1 hour
This course provides students with the opportunity to discuss contemporary issues and trends and their impact on the nursing profession. Emphasis will be placed on legal and ethical concerns of nursing. The role of the associate degree nurse and the transition from student status to member of the profession will be explored.
Prerequisite: SCR150
Corequisite: SCR290

SCR270 Parent-Child Health Nursing
8 credits; 16 hours (5 lecture, 3 lab, 6 clinical)
This course focuses on the promotion of health and caring for childbearing families, their newborns, and children with major health problems from infancy to adolescence. Emphasis is placed on the implementation of nursing care plans. Experiential learning offers opportunities to provide care during the antepartal, intrapartal, and postpartum periods of the maternity cycle, as well as in the newborn and pediatric settings.
Prerequisite: SCR260, SCR210, SCL204
Pre-or Corequisite: ENG102

SCR290 Medical Surgical Nursing II
9 credits; 19 hours (4 lecture, 3 lab, 12 clinical)
This course focuses on the care of adult clients whose ability to meet one or more health needs is severely compromised. Emphasis will be placed on the evaluation phase of the nursing process. Selected experiences will be provided in specialized acute care settings.
Prerequisite: SCR270
Corequisite: SCR260

Occupational Therapy

SCO054 Occupational Therapy Fieldwork Preparation
0 credits; 1 hour
This course serves as an introduction to occupational therapy as a career area. Students learn the history, requirements for graduation and certification, the settings in which occupational therapy assistants train and work, the categories of personnel in the field and the professional organizations and opportunities. Experiences include writing a resume and preparing for an interview. Supervision and responsibilities are discussed as well as procedures for placement and evaluation.
Prerequisite: Open only to students in the Occupational Therapy Assistant Program.

SCO101 Introduction to Occupational Therapy
3 credits; 7 hours (1 lecture, 6 lab)
This course provides an overview of occupational therapy, its scope of practice and basic principles, and the roles of occupational therapy assistant. Course activities include practice in basic craft skills, analysis and instruction of games and small crafts, development of communication skills, and field visits. The effects of environmental and cultural differences in shaping activity behaviors and preference are emphasized.
Prerequisite: ENG101, SCL203, SCN195, SY101
Pre-or Corequisite: SCO054

SCO175 Clinical Reasoning in Occupational Therapy
2 credits; 2 hours
Clinical reasoning is the process by which a therapist or therapy assistant analyzes the functional status of a patient/client/consumer, identifies problems and goals, and determines plans of action, as appropriate to each practitioner's level of responsibility. Aspects of clinical reasoning are explored through readings and experiential assignments. Types of reasoning examined include: narrative, scientific, procedural, interactive, conditional, and pragmatic.
Prerequisite: SCO054, SCO101
Pre-or Corequisite: SCO204, SCO214, SCO284
Natural and Applied Sciences Department

SC0200 Physical Aspects of Human Growth and Development
2 credits; 2 hours
This course presents an overview of human biological development as it affects functional performance from birth to pubescence. Specific topics include development of the sensory and motor systems, sensory integration, reflex integration, differentiation of joint motion, and the role of the endocrine system. The importance of the human and non-human environment in facilitating and supporting optimal development is emphasized.
Prerequisite: SCB204, SC0101, SSY101, SCN195
Pre- or Corequisite: SC0230

SC0204 OT Process: Psychosocial and Geriatric Conditions
4 credits; 4 hours
This course presents occupational therapy theory base and process skills for evaluation and treatment of patients with psychosocial dysfunction and disorders associated with aging. Topics include: data collection, problem solving, treatment planning and implementation, reassessment, family involvement, legal, ethical and regulatory issues. The importance of the individual in planning treatment is emphasized, with special attention to personal history and preferences, culture and environment.
Prerequisite: SCB204, SC0054, SC0101, SSY230, SCN195, SC0054
Pre- or Corequisite: SCY260
Corequisite: SC0284

SC0205 OT Process: Physical and Developmental Disabilities
4 credits; 4 hours
This course presents occupational therapy theory base and process skills for evaluation and treatment of patients with physical and/or developmental disabilities. Topics include: data collection, problem solving, treatment planning and implementation, reassessment, family involvement, legal and ethical and regulatory issues, supervision of ancillary personnel and volunteers. Identification and management of functional performance deficits is the primary emphasis.
Prerequisite: SCN195, SC0054, SC0101, SC0200, SC0204, SC0214, SC0230, SSY240
Pre- or Corequisite: SC0215, SC0285

SC0214 OT Skills and Functional Activities I
3 credits; 6 hours (2 lecture, 4 lab)
This course provides a foundation for performing, analyzing and instructing activities used in the treatment of patients with psychosocial dysfunction and/or disorders associated with aging. The roles of student, worker, homemaker, parent, recreator and self-maintainer serve to frame the assessment and treatment process and the selection of activities. Activity programming, reality orientation and remotivation, program administration and management are included.
Prerequisite: SCB204, SC0054, SC0101, SSY230
Pre- or Corequisite: SCY260
Corequisite: SC0204, SC0284

SC0215 OT Skills and Functional Activities II
3 credits; 6 hours (2 lecture, 4 lab)
This course provides the student with experience in performing, analyzing, adapting and instructing activities used in the treatment of patients with physical and/or developmental disabilities. Activities are organized around the childhood roles of player and learner, and the adult roles of student, worker, homemaker, parent, recreator and self-maintainer. Topics include: splinting, toys and play activities, adaptation of equipment and environment, positioning, transfers and treatment modalities. Splinting and orthoses are included.
Prerequisite: SC0101, SC0205, SC0214, SC0230, SSY240
Corequisite: SC0205, SC0285

SC0230 Functional Pathology
3 credits; 3 hours
This course is a systems approach to the study of pathophysiology. Emphasis will be on the normal and abnormal response to disease and injury, and effects on bodily systems. Consideration will be given to selected disorders, including a survey of pathology, symptomatology, management and prognosis. Knowledge of proper terminology will also be emphasized.
Prerequisite: SCB204

SC0284 OT Clerkship for Psychosocial/Geriatric Conditions
1 1/2 credits; 5 hours (1 lecture, 4 fieldwork)
This is an introductory fieldwork experience in a supervised setting. The setting may be one which serves persons with psychosocial conditions or one which provides activity/recreation/leisure programming for the aged. The student spends a minimum of one half day per week or the equivalent at the fieldwork site. Attendance at a weekly seminar is required and provides opportunities for students to integrate classroom theory with fieldwork experiences.
Prerequisite: SCB204, SC0054, SSY230
Pre- or Corequisite: SSY260
Corequisite: SC0204

SC0285 OT Clerkship for Physical/Development Disabilities
1 1/2 credits; 5 hours (1 lecture, 4 fieldwork)
Introductory fieldwork in a supervised setting. The setting may serve persons with physical disabilities or developmental disabilities. The student spends a minimum one half day per week or the equivalent at the fieldwork site. A weekly seminar provides opportunities to integrate classroom theory with fieldwork experiences.
Prerequisite: SCB204, SC0054, SC0101, SC0200, SC0230
Corequisite: SC0215, SC0205

SC0294 OT Fieldwork in Psychosocial/Geriatric Conditions
2 credits; 38 hours (1 lecture, 37 fieldwork)
This is a full-time placement in a supervised clinical or community setting serving persons with psychosocial or behavioral or cognitive impairments. Attendance at a weekly seminar is required. A minimum of eight weeks or the equivalent of full-time hours must be completed to satisfy requirements of the American Occupational Therapy Association. Students are responsible for their travel costs for fieldwork.
Prerequisite: SCB204, SC0214, SC0284; permission of Occupational Therapy Assistant Program Director is required to register.

SC0295 OT Fieldwork: Physical/Development Disabilities
2 credits; 38 hours (1 lecture, 37 fieldwork)
This is a full-time placement in a supervised clinical or community setting serving persons with physical or developmental disabilities. Attendance at a weekly seminar is required. A minimum of eight weeks or the equivalent of full-time hours must be completed to satisfy requirements of the American Occupational Therapy Association. Students are responsible for their travel costs for fieldwork.
Prerequisite: SC0205, SC0215, SC0285; permission of Occupational Therapy Assistant Program Director is required to register.

Paramedic

SCE100 Emergency Medical Technician-Basic
6 credits; 10 hours (4 lecture, 6 lab)
This course provides an introduction into basic pre-hospital emergency care. Following the current National Standard Curriculum for the EMT-Basic, topics include Airway, Cardiac Arrest and CPR, Patient Assessment, Medical/Behavioral/Obstetrics/Gynecology, Trauma, Infants/Children and Operations. Students are eligible for NYS certification upon successful completion of course. Students must satisfactorily perform all practical skills to successfully complete the course.
Prerequisite: CSE099, ENA/ENG099, MAT096
SCE230 Paramedic I
12 credits; 32 hours (8 lecture, 8 lab, 16 clinical)
Review of all basic level skills and an introduction to advanced skills of the paramedic. Topics include roles and responsibilities, stress management, communications and medical/legal/ethical issues. This course provides an introduction to clinical pre-hospital pharmacology, IV access and advanced airway management techniques. Lab work involves IV access techniques, endotracheal intubation, computing dosages, preparing medications for administration and practice in all administrative techniques. Skills are taught/practiced in the laboratory/hospital/field setting. Students must satisfactorily perform all practical skills to successfully complete the course.
Prerequisite: SCE204

SCE231 Paramedic II
3 credits; 7 hours (2 lecture, 1 lab, 4 clinical)
This course provides an introduction to patient assessment and the management of the trauma patient in the pre-hospital setting. The ability to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the trauma patient will be emphasized. Skills relative to the practice of advanced pre-hospital care are taught/practiced in the laboratory/hospital/field. Students must satisfactorily perform all practical skills to successfully complete the course.
Prerequisite: SCE230

SCE232 Paramedic III
12 credits; 32 hours (8 lecture, 8 lab, 16 clinical)
This course will provide the student with the information necessary to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for the patient presenting with a wide range of medical complaints including respiratory, cardiovascular, neurological, environmental and obstetrical emergencies. Students must satisfactorily perform all practical skills to successfully complete the course. 
Prerequisite: SCE231

SCE233 Paramedic IV
3 credits; 7 hours (2 lecture, 1 lab, 4 clinical)
At the completion of this course, the student will be able to integrate pathophysiological principles and assessment findings to formulate a field impression and implement the treatment plan for neonatal, pediatric and geriatric patients, diverse patients, and chronically ill patients. The student will also learn how to safely manage the scene of an emergency. Students must satisfactorily perform all practical skills to successfully complete the course.
Prerequisite: SCE232

Physical Sciences

SCP101 Topics in Physical Sciences
3 credits; 4 hours (2 lecture, 2 lab)
This course consists of a survey of the major concepts in physics, astronomy, chemistry and geology. The physics section includes the theory of motion (kinematics); the law of conservation of energy; different forms of energy, especially electrical and atomic; and the laws of wave motion and optics. The astronomy section deals with both planetary and stellar astronomy. The unit on chemistry emphasizes the structure of atoms and their combination into molecules. Finally, the segment on geology centers on the theory of plate tectonics and how it is used to explain phenomena such as earthquakes and volcanoes.
Prerequisite: CSE099, ENA/ENG099, MAT095

SCP140 Topics in Astronomy
3 credits; 4 hours (2 lecture, 2 lab)
This course surveys modern astronomy with special emphasis on recent developments in space and astrophysics. Among the topics to be covered will be planetary astronomy and geology, the moon, the possibility of life on other worlds, energy production in stars, stellar evolution, pulsars, quasars, “black holes,” and cosmology. Laboratory periods will include field trips to planetariums and observatories in the N.Y.C. area. Students should expect field trip expenses of about $20.00.
Prerequisite: CSE099, ENA/ENG099, MAT096

SCP201, 202 Fundamentals of Physics I and II
4 credits; 6 hours each (3 lecture, 1 recitation, 2 lab)
Fundamentals of Physics I and II are together a two-semester sequence covering the basic laws of physics with an emphasis on laboratory experience and mathematical solutions of problems. This is a basic course for students intending to continue their studies in the physical and biological sciences, since more advanced courses in the natural sciences assume knowledge of this material. Among the topics studied are:
SCP201: The basic concepts of mechanics; kinematics; Newton’s gravitation; conservation of momentum and energy; heat, emphasizing the kinetic theory; and electrodynamics (charge, forces, fields, electrical energy).
SCP202: The basic concepts of electrodynamics (currents and magnetism, electromagnetism); optics (wave theory, lenses); and modern physics (relativity, atomic theory, quantum mechanics).
Prerequisite for SCP201: CSE099, ENA/ENG099, MAT096
Prerequisite for SCP202: SCP201

SCP231 General Physics I
4 credits; 6 hours (3 lecture, 3 lab)
This is the first part of a computer-based physics course intended for students who want to major in science, computer science or engineering. Computers will be used in the laboratory in conjunction with traditional equipment for problem solving, data collection and analysis. Topics covered include vectors, Newton’s laws, equilibrium, rectilinear motion, two-dimensional motion, gravitation, Kepler’s laws, work and the work-energy theorem, rotational motion, simple harmonic motion, the physics of fluids, and heat. This course is the first course in a two course calculus-based physics sequence (SCP231-232).
Prerequisite: CSE099, ENA/ENG099, MAT096

SCP232 General Physics II
4 credits; 6 hours (3 lecture, 3 lab)
This is the second part of a computer-based physics course intended for students who want to major in science, computer science or engineering. Computers will be used in the laboratory in conjunction with traditional equipment for problem solving, data collection and analysis. Topics covered include waves, wave motion, light propagation, geometrical optics, interference and diffraction, electric field and potential, capacitance and dielectrics, magnetic fields and forces, direct and alternating current, Ohm’s law, and electromagnetic waves. This course is the second course in a two-course sequence (SCP231-232).
Prerequisite: MAT202, SCP231

Physical Therapy

SCT101 Introduction to Physical Therapy
2 credits; 2 hours
This course introduces the concepts and scope of physical therapy, its professional organization and its relationship with other health professions. Subjects include: the role and function of health personnel, professional ethics and conduct, medico-legal aspects of physical therapy services, vital signs, medical terminology, communication skills, and record keeping.
Prerequisite: ENG101, SCB203, SSY101, SCN195
SCT102 Ethical Concepts for Physical Therapist Assistants
2 credits; 2 hours
This course is designed to orient physical therapist assistant students to the ethical concepts inherent in the practice of physical therapy. Students will learn and apply the concepts of medical ethics and law to the practice of physical therapy. Liability, insurance, the scope of practice as a physical therapist assistant, fraud and abuse and patients' rights as they relate to the practice of physical therapy will be explored.
Pre- or Corequisite: SCT101

SCT203 Clinical Kinesiology
4 credits; 6 hours (2 lecture, 4 lab)
This course introduces students to the study of muscles as the basis for movement and exercise. Topics include: biomedical principles of movement, body mechanics, types of joints and movements, measurement of joint range of motion, muscle actions and innervations, assessment of strength through manual muscle testing, and orthopedic and neurological conditions resulting in impaired movement in the pediatric, adult and geriatric populations.
Prerequisite: SCT101
Pre- or Corequisite: SCB204

SCT211 Therapeutic Procedures I
4 credits; 6 hours (2 lecture, 4 lab)
This course will focus on the principles and use of heat, cold, water, light and traditional massage as they relate to physical therapy. Topics include: proper preparation of patients, treatment areas and equipment, application of hot and cold packs, paraffin, whirlpool, infrared, ultraviolet, basic massage, intermittent compression, sterile techniques and wound debridement. Physical therapy techniques for the treatment of respiratory disorders are included.
Prerequisite: SCT101
Pre- or Corequisite: SCB204, SCT202

SCT212 Therapeutic Procedures II
4 credits; 6 hours (2 lecture, 4 lab)
This course covers advanced physical therapy procedures and techniques and focuses on the treatment of pain. Topics include: use and application of short-wave and microwave diathermy, ultrasound, electrical stimulation, and pelvic and cervical traction. Pain control theories are discussed, including the use of acupuncture, T.E.N.S. and biofeedback. Postural evaluation and exercises for posture and back pain are included.
Prerequisite: SCB204, SCT202, SCT211

SCT220 Mobility Skills in Physical Therapy
3 credits; 5 hours (3 lecture, 2 lab)
This course will provide the student with skills in mobility activities as they relate to wheelchair mobility, transfer skills and bed mobility skills for the physically challenged individual. Students will learn mobility activities in relation to the physical limitations of the patients, the patients' living environment and the role of the primary caregiver.
Prerequisite: SCT101, SCT102
Pre- or Corequisite: SCT203, SCT211

SCT221 Functional Gait Training Skills
3 credits; 5 hours (2 lecture, 3 lab)
This course will provide students with the concepts of gait training. Students will also be introduced to the basic concepts of the gait cycle and appropriate gait, assistive devices and training exercises to improve patient's gait pattern. Students will be provided with the basic concepts of orthotic and prosthetic use and ambulation training techniques.
Prerequisite: SCT203, SCT220
Pre- or Corequisite: SCT212, SCT290

SCT250 Orthopedic Therapeutic Exercise
4 credits; 6 hours (3 lecture, 3 lab)
This course provides the rationale for clinical application of therapeutic exercise training as it relates to orthopedic pathologies. Students will become familiar with the theory and clinical concepts of exercise training as it relates to strength, power and endurance. Students will perform evidence-based research to identify therapeutic protocols and apply appropriate exercise techniques.
Prerequisite: SCT220, SCT212, SCT221
Pre- or Corequisite: SCT231

SCT251 Neuromuscular Rehabilitation
4 credits; 6 hours (3 lecture, 3 lab)
This course provides the rationale for clinical application of therapeutic exercise as it relates to neuromuscular rehabilitation. Students will be introduced to and will apply various therapeutic protocols such as Brunnstrom, Bobath and Proprioceptive Neuromuscular Facilitation Techniques. Students will focus on the implementation of treatment plans developed by the physical therapist.
Prerequisite: SCT212, SCT221
Pre- or Corequisite: SCT230

SCT290 Physical Therapist Assistant Clinical Affiliation and Seminar I
2 credits; 1 seminar hour, 15-20 internship hours
This internship provides students with an experience-based learning opportunity to: explore or confirm career interests and plans; apply classroom learning to real-world situations; and practice and strengthen interpersonal or technical skills. A minimum of 15-20 hours per week at the internship site is required during the Co-op cycle. A concurrent seminar provides a framework for analyzing and evaluating students' internship experiences. During Fall I and Spring I, students must take six additional credits to be certified as a full-time student.
Prerequisite: CEP100, MAT096

SCT291 Physical Therapist Assistant Clinical Affiliation & Seminar II
3 credits; 19 hours (1 lecture, 18 affiliation)
This course provides students with an opportunity to apply and integrate the theory and practice of physical therapist assistant skills in clinical settings under the supervision of a physical therapist. The biweekly seminar integrates the students' experiences with their classroom training. Students are required to provide their own uniform, liability insurance and proof of a physical examination.
Prerequisite: SCT212, SCT230, permission of PT Assistant Program Coordinator.

SCT292 Physical Therapist Assistant Clinical Affiliation & Seminar III
3 credits; 19 hours (1 lecture, 18 affiliation)
This course provides students with the continued opportunity to apply and integrate the theory and practice of physical therapist assistant skills in clinical settings under the supervision of a physical therapist. The student is expected to assume increased responsibility for treatments and administrative tasks and to improve his/her ability to manage time effectively. Students are required to attend scheduled seminars and provide their own uniform, liability insurance and proof of a physical examination.
Prerequisite: SCT291, permission of PT Assistant Program Coordinator.

Science

SCS150 Mentoring: The Helping Relationship
3 credits; 3 hours
This course offers a study of, and experience in, the helping relationship. Theoretical approaches to the helping process will be covered as well as specific skills. Topics and guest presentations include peer tutoring, problem solving, adolescence, peer counseling, and use of a mentor in career development. Students will be involved in seminar discussions, training, and field visits. Each participant will serve as mentor in a supervised experience with a high school student.
Prerequisite: MAT095, ENG101 and one of the following: ENG104 or HSC102, or HUC101 or SY101, minimum cumulative GPA of 2.0
SCN194 AIDS in New York City
3 credits; 3 hours
This course is a comprehensive examination of what is currently known about Acquired Immune Deficiency Syndrome (AIDS) and its impact on the New York health care system. Topics to be addressed will include the history of AIDS; definition and transmission; symptoms, diagnosis and treatment; prevention and risk reduction techniques. Students will learn about the political, economic, epidemiological, psychosocial, and sociocultural aspects of HIV infection. Visits to AIDS health care facilities are included. Prerequisite: CSE099, ENA/ENG099

SCN195 Community Health
2 credits; 2 hours
This course is a basic orientation to the organization of health care systems in New York City and the position of the health care worker within these systems. Topics will include health careers, the nature of health and disease, prevention of disease, public health measures, types of facilities, payment sources, medical care available, and future trends. Visits to local health facilities (i.e., hospitals, nursing homes) are included. Prerequisite: CSE099, ENA/ENG099, MAT095, major in Allied Health or permission of instructor

Veterinary Technology

SCV245 Theory and Practice of Transgenic Techniques
3 credits; 5 hours (1 lecture, 4 lab)
Transgenic techniques involve the manipulation of genes and gene fragments and their incorporation into new host animals. Lectures will provide an understanding of the theoretical principles involved. Laboratory sessions will involve transgenic techniques in mice and will include DNA separation, collection of ova, microinjection, ova transfer, embryonic stem cell manipulation, colony management and related procedures. The laboratory sessions will be held at Rockefeller University. Prerequisite: SCV201, SCB209 Pre- or Corequisite: CEF151
Social Science Department

Anthropology

SSA100 Introduction to Anthropology
3 credits; 3 hours
In this course, students will be introduced to the fields of anthropology—physical anthropology, archaeology, cultural anthropology, and anthropological topics in linguistics. The aim shall be to explore the origins and development of some of the world’s hunter-gatherer, agricultural, peasant and industrial societies. Utilizing examples from both extinct and modern-day societies, the student will gain an appreciation of the wide diversity of human cultures.
Prerequisite: CSE099, ENA/ENG099

SSA101 Cultural Anthropology
3 credits; 3 hours
This course examines the similarities and differences found in the various types of human cultures and societies. It acquaints students with the basic concepts that help explain differences and similarities. The role of culture and language in determining human behavior is examined as is the interrelationship of aspects of behavior (economics, politics, family and religion) in different types of societies. Patterns of cultural change will also be discussed.
Prerequisite: CSE099, ENA/ENG099

SSA106 Anthropology of Latin America
3 credits; 3 hours
This course will focus on the different peoples and cultures of Latin America, including Indian groups, rural communities of peasants, blacks and other plantation workers, urbanized peasants, urban workers, new middle classes and elites. The social and cultural organization of each of these groups will be examined, particularly in their relationship to the larger society. The impact of the global economy on Latin American cultures will also be examined.
Prerequisite: CSE099, ENA/ENG099

SSA120 Peoples and Cultures of the Caribbean
3 credits; 3 hours
This course will survey the evolution of cultures in the Caribbean from the original formation of Native American societies through the age of European conquest, colonization and cultural dominance, to the contemporary period of national independence and the revival of previously marginalized, subordinated cultures. The focus will be on analyzing the unique Caribbean economic, family, stratification, political and cultural systems formed out of the fusion of Native American, European, African and Asian peoples and cultures.
Prerequisite: ENG101

Economics

SSE101 Introductory Economics I
3 credits; 3 hours
This course serves as an introduction to some of the major economic principles, institutions and policies in the United States. Among the topics included are: the nature and methods of economics; the historical development of the market and other systems; supply and demand; the roles of industry and government in the market place; money and banking; income levels; and the problems of inflation and unemployment.
Prerequisite for Accounting, Business Administration, Management or Veterinary Technology majors: CSE099, ENA/ENG099
For all others: ENA/ENG099, SSS100 or SSB110
Pre- or Corequisite: MAT095

SSE102 Introductory Economics II
3 credits; 3 hours
As a continuation of SSE101, Economics II introduces students to the allocation of resources in the world economy. Specifically, students will examine how capitalist and socialist countries manage their resources. In addition, students will learn about major issues in international trade and finance, economic development in third world countries, pollution and the environment, defense spending, and the economics of energy.
Prerequisite: SSE101

SSE103 Introduction to Microeconomics
3 credits; 3 hours
This course will study price determination and distribution under alternative market structures as well as government intervention in the market. A comparison of the market economy to alternative systems will also be examined.
Prerequisite: CSE099, ENA/ENG099, MAT095

SSE104 Introduction to Macroeconomics
3 credits; 3 hours
This course will examine what determines the aggregate level of economic activity. The levels of production, employment, and prices will be studied in relationship to aggregate expenditures. Institution arrangements of monetary and fiscal policy to address unemployment and inflation will also be covered.
Prerequisite: CSE099, ENA/ENG099, MAT095
SSE105 International Economics
3 credits; 3 hours
This course introduces students to the allocation of resources in the world economy. Specifically, students will examine how capitalist and socialist countries manage their resources. In addition, students will learn about major issues in international trade and finance, economic development in third world countries, pollution and the environment, defense spending, and the economics of energy.
Prerequisite: CSE099, ENA/ENG099, MAT096

SSE125 World Geography
3 credits; 3 hours
The course studies the influence of physical features and climates of the world on human activities, production, distribution and other economic activities. Emphasis is placed on the location and distribution patterns of the world's resources and their uses. Topics studied include urban geography, geopolitics of oil and gas and preparation and interpretations of maps by physical features and cultural aspects.
Prerequisite: CSE099, ENA/ENG099, MAT095

SSN189 The Urban Economy
3 credits; 3 hours
This course examines key economic problems facing cities and urban neighborhoods, particularly those of New York City. The students will study how supply and demand, land use, taxation, national product, unions, and state and federal policies affect the local economy. Through visits to their neighborhoods, and such places as the Office of Economic Development and the Stock Exchange, students will apply the above concepts to local issues of employment, housing, transportation, and business activity.
Prerequisite: CSE099, ENA/ENG099, MAT095, and one Social Science elective from the list on page 107.

History

SSH101 Themes in American History to 1865
3 credits; 3 hours
This course will focus on the major themes in American History from the colonial period to the Civil War. Topics such as slavery, women's roles, expansion, urbanization, reform movements and the development of the American character will be examined in this course.
Prerequisite: CSE099, ENA/ENG099

SSH102 Themes in American History Since 1865
3 credits; 3 hours
This course will examine American history since 1865. Such topics as industrialization, labor unions, immigration, organization, political parties, reform movements, foreign policy and the rise of the U.S. as the major force in the world will be covered in this course.
Prerequisite: CSE099, ENA/ENG099

SSH103 Western Civilization from Ancient Times to the Renaissance
3 credits; 3 hours
This course investigates the main features of human civilization from ancient times to the Renaissance. The importance of geography, religion, custom and ideology are explored for the purpose of capturing the spirit of the past as well as understanding its relationship to the present.
Prerequisite: CSE099, ENA/ENG099

SSH104 Western Civilization from the Renaissance to Modern Times
3 credits; 3 hours
This course discusses the major ways in which Western society has changed over the past 250 years. It covers the scientific revolution, the industrial revolution, and the major political revolutions. It also explores the impact of ideas such as liberalism, Marxism, Darwinism, Nazism, and Freudianism. The two World Wars and prospects for world peace are examined.
Prerequisite: CSE099, ENA/ENG099

SSH105 World History from Ancient Times to 1500
3 credits; 3 hours
This course is an introduction to world history from the earliest human records to the renewal of contact between the Eastern and Western hemispheres around 1500 C.E. Students will read primary and secondary sources related to the political, economic, social, and cultural history of humanity with emphasis on the comparative development of civilization, the role of nomadic and pre-literate societies, and the interactions among different peoples and civilizations.
Prerequisite: CSE099, ENA/ENG099

SSH106 World History from 1500 to the Present
3 credits; 3 hours
This course is an introduction to world history from around 1500 C.E. to the present. Students will read primary and secondary sources related to the political, economic, social, and cultural history of humanity in the modern era, including such topics as the development of the nation-state, industrialization, world trade, imperialism, democratic, socialist, and nationalistic revolutions, the position of women in society, population growth, and changes in the human environment.
Prerequisite: CSE099, ENA/ENG099

SSH110 East Asian Civilization and Societies
3 credits; 3 hours
This course concentrates on one of the oldest continuous civilizations in the world, East Asia, which includes, in geographical and cultural terms, the domains of China, Japan, Korea and Vietnam. Using both chronological and topical approaches, the course examines historical and social development in East Asia. Topics include the dynastic transition, economic structures, social organizations and customs, as well as the scholarly and artistic traditions in East Asia. Throughout the course, students learn to appreciate the richness of East Asian culture and gain a knowledge of the growing political and economic power of this region.
Prerequisite: CSE099, ENA/ENG099

SSH231 Afro-American History
3 credits; 3 hours
This is an introduction to some of the basic issues in the black American's struggle against slavery and racist oppression in the United States. Special attention is given to the following: the methods that blacks have used in their attempts to bring about social change; important persons and institutions from the African beginning to the present; and the contributions blacks have made to American society.
Prerequisite: CSE099, ENA/ENG099

SSH232 Survey of Latin America and Caribbean History
3 credits; 3 hours
This course begins with a study of the interaction between the Indian, European, and African peoples who shaped the history of Latin America and the Caribbean. It then considers the colonial period, the Independence movements, and the challenge of modernization in selected Latin American and Caribbean nations. The relationship between Latin America and the United States will also be discussed.
Prerequisite: CSE099, ENA/ENG099

SSH183 History of Minorities
3 credits; 3 hours
This course focuses on the experiences and challenges to minorities in the United States. It examines changing patterns of the immigration, settlement and employment of various minority groups including Afro-Americans, Irish-Americans, Hispanic-Americans and Asian-Americans. In addition, the situation of the Native Americans, women, gays and the aged will be discussed in an historical context.
Prerequisite: CSE099, ENA/ENG099, MAT095, and one Social Science elective from the list on page 107.
SSN199 Neighborhood History
3 credits; 3 hours
This course will study the social, economic and political changes of New York City neighborhoods. The focus will be on the people who migrated into, lived, and then moved out of these neighborhoods. Through field research, students will look closely at such things as immigration, housing, businesses, government legislation, and mass transit lines that have significantly affected neighborhood changes. The course will include field trips such as walking tours and a visit to Ellis Island.
Prerequisite: CSE099, ENA/ENG099, MAT095, and one Social Science elective from the list on page 107

SSN240 History of New York City
3 credits; 3 hours
This course is about the development of New York City from colonial times to the present. It deals with changes in housing, transportation, immigration, politics, and social classes. The rise of New York City as a financial and cultural center will be discussed. New York City’s current problems and future prospects will be assessed. The course includes a walking tour of old New York and a museum trip.
Prerequisite: CSE099, ENA/ENG099, and one Social Science elective from the list on page 107

Political Science

SSP101 U.S. Power and Politics
3 credits; 3 hours
This course analyzes the relationship between the theory, form, and practice of American government. The course studies the strengths and weaknesses of the American political system. A major concern of the course is the nature of power in America and the options for reforming the American political system.
Prerequisite: CSE099, ENA/ENG099

SSP200 World Politics
3 credits; 3 hours
This course will investigate the dynamics of international power politics. After an introduction to alternative forms of political organization, the class will study the problems of achieving a balance of power between nations and the ultimate breakdown of that balance in war. It will examine the role of the superpowers, the impact of emerging nations and the Third World as well as the function of alliances in world relations. The class will also evaluate the feasibility of various plans for international order and peace.
Prerequisite: CSE099, ENA/ENG099

SSP220 Politics of Latin America and the Caribbean
3 credits; 3 hours
This course will examine the major groups which seek power in Latin America and the Caribbean, and analyze the various strategies they use including revolution, populism, democratic reform, socialism and military authority. The prospects for modernization will be drawn from a variety of Latin American and Caribbean countries. The course includes discussion of the role of foreign nations in the politics of this area.
Prerequisite: CSE099, ENA/ENG099, MAT095

SSP240 Crime and Punishment
3 credits; 3 hours
This course deals with the purposes and problems of penal systems, old and new, national and international. The course will investigate the relationship between the criminal, punishment, society, and politics. Selected famous cases will be studied in detail as will the American criminal justice system and the issue of the death penalty.
Prerequisite: CSE099, ENA/ENG099

SSP245 Law and Human Rights in America
3 credits; 3 hours
This course will focus on the legal aspects of human rights issues in America. Starting with the origins of democracy and the Bill of Rights, students will explore major Supreme Court cases and Constitutional amendments dealing with such topics as freedom of speech, freedom of the press, freedom of religion, the right to vote, equality before the law, and the rights of the accused. Controversial contemporary issues such as abortion, privacy, and gun control will also be discussed in a legal context.
Prerequisite: CSE099, ENA/ENG099

SSP250 Political Ideas and Ideologies
3 credits; 3 hours
This course explores the relationship between political ideas and practice. Political ideologies such as liberalism, conservatism, socialism, and liberation ideologies (feminist, black, and gay/lesbian) are examined in their historical development. The relationship between their goals and the methods used to achieve them is analyzed and criticized. The relevance of these ideologies for understanding current political issues is discussed. Readings include original theories of politics as well as commentaries upon them.
Prerequisite: CSE099, ENA/ENG099

SSN190 Leadership
3 credits; 3 hours
This course explores alternative leadership theories and styles. It focuses on leadership within the urban context and on the importance of New York City figures such as Boss Tweed, Fiorello H. LaGuardia and Shirley Chisholm. Special reference will be made to the particular leadership problems presented by cities. The course will include speakers and field trips to centers of leadership in New York City, either on the citywide or community level, in the public or private sector.
Prerequisite: CSE099, ENA/ENG099, and one Social Science elective from the list on page 107

SSN192 Practical Politics in New York City
3 credits; 3 hours
This course examines New York City as a unique political entity within the context of urban politics in America. It explores the roles of elected officials, community boards, unions, minority groups and business interests in political decision making. The course includes guest speakers and field trips.
Prerequisite: CSE099, ENA/ENG099, and one Social Science elective from the list on page 107

SSN210 The Politics of Sexuality
3 credits; 3 hours
This course explores how urbanization and socio-economic development have made sexuality a political issue. Topics are discussed from a cross-cultural perspective and include separation of sexuality from reproduction, AIDS, alternative definitions of family, the extent of personal freedom as compared with social control of sexual expression, and others. Special attention is given to how these topics are addressed through feminist, religious, gay/lesbian and other movements. At least two field trips are required.
Prerequisite: CSE099, ENA/ENG099, MAT095, and one Social Science elective from the list on page 107

Psychology

SSY101/SSY102 General Psychology
3 credits; 3 hours
This is an introduction to some of the major fields of study in the science of psychology. Areas covered include learning, perception, theories of personality, mental illness and therapy, social psychology, and the research methods of psychology.
Prerequisite: CSE099, ENA/ENG099
SSY200 Personality
3 credits; 3 hours
Theories, methods, and selected issues in the field of personality will be discussed in the context of achieving greater self-awareness and insight into the behavior of others. Among the topics discussed are: psychoanalytic, behavioral, and phenomenological theories of personality types and traits, the achievement of self-knowledge, psychological testing and personality research methods.
Prerequisite: SSY101

SSY205 Psychology of Women
3 credits; 3 hours
This course will critically examine gender bias and gender exclusion in research and theory in psychology. The topics will include interconnections between biology and gender, focusing on the psychological factors of menstruation, sexuality, pregnancy, childbirth, motherhood, abortion, and menopause. The course will focus on the experiences of women of different racial and ethnic backgrounds and examine how these biological functions shape their identity. Throughout the course, students will critically examine the social and political contexts that define women's bodies and familiarize themselves with critical feminist consciousness.
Prerequisite: SSY101

SSY210 Principles of Behavior Management
3 credits; 3 hours
This course will provide students with an overview of behavior modification principles which are based on theories of learning in relation to the acquisition, maintenance, and modification of human behavior. The course focuses on the specific application of these principles to special needs populations. Topics will include assessment and data collection techniques, design of effective multicultural behavioral programs and ethical issues in behavior treatment.
Prerequisite: ENG101, SSY101

SSY230 Abnormal Psychology
3 credits; 3 hours
This course introduces the major categories of mental illness, their symptoms, causes and treatment. Among the mental disorders covered are personality, anxiety, schizophrenic, and affective disorders. Theoretical models for understanding mental disorders are discussed.
Prerequisite: SSY101

SSY240 Developmental Psychology I
3 credits; 3 hours
This course examines the physiological and psychological factors in individual development from birth through adolescence. It includes a study of emotional and behavioral disorders of children as well as principles of child guidance. Issues such as battering, drug usage and discipline will be discussed. The course emphasizes cognitive, moral and personality development.
Prerequisite: SSY101

SSY241 Developmental Psychology II
3 credits; 3 hours
This course examines the biological, psychological, and social changes in adults and the principles underlying these changes. The course explores such topics as social sex roles, self-identity, self-esteem, worker productivity, ideas and values. Students will learn about adult life crisis issues such as marriage, divorce, mid-life crisis, menopause, unemployment and aging.
Prerequisite: SSY101

SSY250 Social Psychology
3 credits; 3 hours
This course examines how the individual's personality is affected by the influences of other people and the physical environment. Among the topics discussed are: forming attitudes, conformity in groups, helping others, prejudice, and environmental stress. Research methods will also be introduced.
Prerequisite: SSY101

SSY260 Group Dynamics
3 credits; 3 hours
This is an introduction to the theory, research and practice of group dynamics and small group interaction in a variety of settings. Methods and techniques utilized in the investigation of small group processes will be demonstrated and critically examined. Through participation in role playing and small group interaction, students will be introduced to basic principles of interpersonal and group dynamics in families, in groups, and at work.
Prerequisite: SSY101

SSN184 Environmental Psychology
3 credits; 3 hours
This course explores the relationship between the urban physical environment and human behavior. Topics to be considered include the effects of personal space, noise, crime, crowding, architectural design, and urban blight on the actions and feelings of urban dwellers. Two field trips in this course will be based on research projects aimed at understanding behavior in such urban settings as subways, parks, and neighborhoods.
Prerequisite: CSE099, ENA/ENG099, and one Social Science elective from the list on page 107

SSN280 Urban Black Psychology
3 credits; 3 hours
This course introduces students to psychological theories and issues relating to blacks in America. Emphasizing the shift from rural to urban environments, it examines the impact of slavery and racism on blacks. With special reference to New York City, the course investigates the relationship between black personality and family, education, work, culture, and mental health. There will be field trips to Harlem and to a community mental health center.
Prerequisite: CSE099, ENA/ENG099, and one Social Science elective from the list on page 107

Sociology

SSS100/SSB110 Introduction to Sociology: Contemporary Society
3 credits; 3 hours
This course offers students information and ideas with which to understand the social factors of human life. It places the study of social interaction, social processes, and social institutions in an historical context. It examines the human condition with particular reference to work, to culture, to personality, to ethnic, class and gender relations, as well as to economic and political institutions. (SSB110 is the bilingual version of SSS100.)
Prerequisite: CSE099, ENA/ENG099
Prerequisite for SSB110: CSE099, ESL/ESR098
Pre- or Corequisite for SSB110: ESL/ESR099

SSD/US105 Computers and Society
3 credits; 4 hours
This course examines the relationship between human values, society and technology. It begins with an explanation of how computers work and then investigates how technology affects such issues as jobs, privacy, and education. Lab work is included.
Prerequisite: CSE099, ENA/ENG099, MAT095
SS210 Women in Society
3 credits; 3 hours
The course will examine the role of women in society from historical and cross-cultural perspectives. It will examine women's psychological issues, economic functions and their relationships to social institutions. The debates surrounding women at work, women in politics and women's movements will be discussed. *Prerequisite: ENA/ENG099, SS100 or SSB110*

SSM103 Introduction to Labor and Community Organizing
3 credits; 3 hours
This course introduces social science perspectives on the theory and practice of labor and community organizing within the urban environment. Students analyze case studies that focus on struggles within a local and global context shaped by different kinds of social inequality including class, race, ethnicity, gender, age, and sexual orientation. Students will learn about new models of organizing, and organizing as a career. The class will go on urban field trips and role-play organizing skills. *Prerequisite: CSE099, ENA/ENG099, and one Social Science elective from the list on page 107*

SSM186 Sociology of the Black Community
3 credits; 3 hours
This course is about the social dynamics of Black communities in urban America. With special reference to New York City, it examines the socialization process, the family, education, and organizational life within urban Black communities. Current problems and future prospects for the urban Black community are discussed. Field trips to communities such as Harlem and Bedford Stuyvesant are included. *Prerequisite: CSE099, ENA/ENG099, MAT095, and one Social Science elective from the list on page 107*

SSM187 Urban Sociology
3 credits; 3 hours
This course examines changing ideas about the city and the changing impact of the city on American lifestyles. With reference to New York City, the course explores the origins and the social structure of the city. It focuses on the relationship of class to family, gender, education, ethnicity, religion, politics and economics. Visits to housing projects, community organizations, or service delivery agencies will familiarize the students with the issues of planning and change in the city. *Prerequisite: CSE 099, ENA/ENG099, MAT095, and one Social Science elective from the list on page 107*
*Prerequisite for Computer Technology and Engineering Science majors: CSE099, ENA/ENG099, MAT095*

SSN/ENN193 Ideal Societies
3 credits; 3 hours
This course is designed to help students understand utopian movements in urban society from historical, psychological and sociological perspectives. This course will focus on both the causes for creating utopian experiments and the ways in which utopias approach family structure, religion, education, power, and economic organization. Literary versions of utopian communities will be studied. Field trips may be taken to such places as Roosevelt Island and Shaker Village. *Prerequisite: CSE099, ENA/ENG099, and one Social Science elective from the list on page 107*

SSM194 Religion and Social Change
3 credits; 3 hours
This course will trace the evolution of traditional and nontraditional religions among various groups within the New York City religious community. The course will focus on Latin groups and Eastern religions as well as social action projects sponsored by mainline major denominational groups. Field interviews by students will be made. *Prerequisite: CSE099, ENA/ENG099, MAT095, and one Social Science elective from the list on page 107*

SSS102 Social Movements
3 credits; 3 hours
This course examines the political, and cultural conditions and processes involved in the formation and functioning of social movements. Social movements are understood as the organized, collective efforts of people to influence the direction of social change. Against the background of a broad historical and cross-cultural perspective, emphasis will be on social movements in the USA, including the labor movement, the civil rights movement and the women's movement. There will be at least two field trips. *Prerequisite: ENA/ENG 099 and SSS100 or SSB110*

SSS175 Sociology of Organizations
3 credits; 3 hours
This course will analyze the social structure and dynamics of large scale organizations such as the corporation, the government agency, and the labor union. It will examine the significance of these organizations in the larger world as well as investigate the social worlds which exist within these organizations. Through this course, the student will come to understand the interaction between individual personality and bureaucratic structure. *Prerequisite: ENA/ENG099, SS100 or SSB110*

SSS185 Sociology of Education
3 credits; 3 hours
This course examines the social, cultural, political, and economic forces that have shaped the relationships between educational institutions and society. The course will look at such factors as family, economic status, community, conflicting perspectives on the nature and purpose of education, and the role of government. This course will also examine current debates in the field, including the role of teachers and teacher education. *Prerequisite: ENA/ENG099, SS100 or SSB110*

SSS190 Sociology of the American Deaf Communities
3 credits; 3 hours
This course examines the concepts of culture and community and their applications to the deaf and hard of hearing communities. This inquiry leads to an understanding of the implications of culture and community for the individual and to an exploration of the current economic, political, and social issues with the deaf and hard of hearing communities, as well as future directions. *Prerequisite: ENO101, SS100 or SSB110*

SSS280 Sociology of the Family
3 credits; 3 hours
This course examines the contemporary American family from historical and cross-cultural perspectives. It considers sub-cultural variations within American society; the influence of industrial and technological changes on family life; relationship of socialization to personality development; programs to meet family needs; dating, courtship and marriage. *Prerequisite: ENA/ENG099, SS100 or SSB110*
Social Science Course Prerequisite
for Urban Studies Courses designated SSNxxx

One of the following courses:
SSA100, Introduction to Anthropology
SSA101, Cultural Anthropology
SSE103, Introduction to Microeconomics
SSE104, Introduction to Macroeconomics
SSP101, U.S. Power and Politics
SSP250, Political Ideas and Ideologies
SSS100, Introduction to Sociology
SSY101, General Psychology
SSH101, Themes in American History to 1865
SSH102, Themes in American History since 1865
SSH103, Western Civilization from Ancient Times to the Renaissance
SSH104, Western Civilization from the Renaissance to Modern Times
SSH105, World History from Ancient Times to 1500
SSH106, World History from 1500 to the Present
SSH110, East Asia Civilization and Societies
SSH231, Afro-American History
SSH232, Survey of Latin American and Caribbean History

HEGIS Codes

All degree and certificate programs offered by LaGuardia Community College are registered with the New York State Education Department. Enrollment in other than registered or otherwise approved programs may jeopardize a student’s eligibility for certain student aid awards.

The following is an official list of State approved programs, HEGIS (Higher Education General Information System) codes and approved degrees.

LaGuardia Community College–New York State Institution No. 1100.

<table>
<thead>
<tr>
<th>N.Y.S. Program Name</th>
<th>Degree Approved</th>
<th>H.E.G.I.S. Code No.</th>
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<tbody>
<tr>
<td>Accounting</td>
<td>AAS</td>
<td>5002</td>
</tr>
<tr>
<td>Business Administration</td>
<td>AS</td>
<td>5004</td>
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<tr>
<td>Business Management</td>
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<td>Administrative Assistant</td>
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<td>Word Processing Specialist</td>
<td>CERT</td>
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<tr>
<td>Microcomputer Systems &amp; Applications</td>
<td>AAS</td>
<td>5005</td>
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<tr>
<td>Commercial Photography</td>
<td>CERT</td>
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<tr>
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<tr>
<td>Physical Therapist Assistant</td>
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<tr>
<td>Emergency Medical Technician/Paramedic</td>
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<tr>
<td>Mortuary Science/Joint w/ American Academy/McAllister Institute</td>
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<tr>
<td>Dietetic Technician</td>
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<td>School Foodservice Management</td>
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<td>Human Services: Child Development</td>
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<tr>
<td>Education Associate: The Bilingual Child</td>
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<td>Human Services: Gerontology</td>
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<td>Liberal Arts: Social Sciences &amp; Humanities</td>
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<tr>
<td>AA/BA Program in Liberal Arts/ Secondary Education (with Queens College)</td>
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Note: In compliance with Federal regulations, it is the policy of LaGuardia Community College to recruit, employ, retain and promote employees, and to admit and provide services for students without regard to sex, age, race, color, religion or handicap. As a public college, LaGuardia Community College believes, in accordance with the requirements of Title IX of the Education Amendments Acts of 1972 and the implementing Federal regulations, in a policy of non-discrimination on the basis of sex in the operation of the College’s educational programs and activities. Federal requirements of non-discrimination on the basis of sex include employment by the College and admissions to LaGuardia Community College.
One of the major premises underlying LaGuardia's educational model is that learning takes place in many different settings, both in and outside the classroom. Through the Cooperative Education Department, the college provides students with internship experiences that enable them to realize their full potential in work, education, and everyday life. The Cooperative Education internship program offers students the opportunity to learn through meaningful experiences in the workplace. These experiences help students to:

• explore various career options and/or confirm career plans;
• apply classroom learning to real work situations;
• develop core competencies in the context of the workplace;
• practice and strengthen interpersonal and technical skills.

All day students are required to take a specific number of internships depending on their major. Internships are also required for extended day students in the following specialized curricular areas: Human Services, Occupational Therapy Assistant, Veterinary Technology, Dietetic Technology, AA/BA Program in Liberal Arts/Education, Education Associate: The Bilingual Child, Physical Therapist Assistant, and School Foodservice Management.

Students in these specialized curricular areas should consult with their departments for specific guidelines regarding their cooperative education requirements.

While a Cooperative Education internship is optional for extended day students in other majors, it is highly recommended for students who are considering career changes or advancement or who are undecided about their career choice. Cooperative Education internships can also be helpful to extended day students seeking to develop specific personal, educational, and professional skills.

◆ The Program

Cooperative Education - The First Step: Fundamentals of Professional Advancement
Prior to taking an internship, students in a First Year Academy complete the Fundamentals of Professional Advancement course (CEP121). Academy students take this course during their second semester. The purpose of this course is to:

• introduce the concept and value of experienced-based learning and the objectives of the Cooperative Education program;
• provide students with opportunities for self-assessment and reflection in relation to their professional and educational goals.
• introduce educational and career planning and its application to the workplace, professional development and educational advancement;
• guide students in conducting career and educational research using various resources, including online career assessment instruments;
• familiarize students with the technological, social, economic and global forces that are transforming work in a constantly changing world;
• enable students to understand the significance of an increasingly diverse workplace;
• introduce fundamental and essential workplace competencies, discipline-related competencies, and core competencies to enable students to correlate competencies to coursework, experiences, and educational and career goals;
• identify the basic components of a resume and familiarize students with skills and techniques for successful employment interviewing, job acquisition, career performance, and professional development strategies;
• introduce and reinforce discipline specific and professional vocabulary and increase professional literacy;
• increase understanding of experiential learning theories and of the use of experience-based learning to become a full participant in a community of practice;
• work with students in developing and engaging in an experience-based learning project and guide students in making connections and analyzing what has been learned;
• provide a reflective framework for analyzing skills, abilities, and personal experiences in relation to coursework completed as well as future educational and professional goals;
• facilitate the development of an autobiographical statement, resume and educational and career goal statement, for posting on the student's ePortfolio;
• reinforce the development of oral and technical skills;
• introduce problem-solving and decision-making approaches in the context of workplace dilemmas so as to strengthen professional success strategies.

The Fundamentals of Professional Advancement course is taught by faculty members in the Cooperative Education (Co-op) Department. Generally, the course instructor becomes the Co-op Faculty Advisor for students in a given Fundamentals course. Co-op Faculty Advisors work closely with students throughout their Co-op experience. The Co-op Faculty Advisor guides students through the program, advises them in the selection of internships based on their career, personal, and educational objectives, and helps them to assess what has been learned through their internships and seminars.

The Internship
While on internships, students are expected to follow the rules and regulations of these organizations and perform their duties as would any other employee. During the internship, students are visited by the Co-op faculty member who placed them. Co-op faculty are available throughout the term should problems arise.

Students are evaluated by their internship site supervisor. This evaluation is a major part of the final grade for the Co-op experience. (Grading is discussed in greater detail later in this section.)

Students choose their internships from over 350 cooperating companies, government agencies, and not-for-profit organizations. The internships span a wide range of fields and include positions in accounting, business, education, communications, computer-related fields, fine arts, government and public policy, health care, journalism, law, media, office technology, publishing, scientific research, social work and many other areas.

The Cooperative Education Department develops internships based on the interests and needs of students and job market conditions. Students may also develop their own internships or use existing jobs as internships. In order to do so, interested students must first receive permission from their Co-op Faculty Advisor.

The Internship Seminar
LaGuardia Community College believes in the value of linking work experience with opportunities for critical analysis and reflection. While on their internships, students return to the college to attend Internship Seminars. The seminar curriculum provides a framework for students to analyze and evaluate their internship experiences.

The purpose of the seminar is to enable students to:
• gain meaning from the day-to-day occurrences of their internships in order to broaden their understanding of theoretical concepts as they apply to real life situations;
• develop insights into the relationship of the self to work and to the larger society by understanding their own values and strengthening an awareness and appreciation of differences;
• understand the steps required in the career decision-making process to plan for professional mobility and lifelong learning; and
• develop the personal and professional skills and strategies that will facilitate success in the next stages of life.

Co-op seminar descriptions
The seminars offered by the Cooperative Education Department are described below. The “All Major” seminars may be selected by students of most majors and in any sequence. Selections should be made in consultation with the Co-op Faculty Advisor prior to registration. The “Major Specific” seminars are designed for particular program curricula, with a particular sequence and also need to be selected in consultation with the Co-op Faculty Advisor. (See also Cooperative Education Policies.)

All major seminars
CPA041 Critical Reflection and Learning at Work: This seminar will identify experiential learning strategies and techniques that will help students maximize the learning potential of their internships. Topics covered will include theories, principles and practices of experiential education; exploration of values, culture and ethics at work; an essential skills approach to task/skill analysis; interpersonal and communication skills; internal and external factors affecting work; organizational structure; and personal development. Self-reflection, group work, selected readings and written assignments will be used throughout the course. This seminar is also offered in an online format during selected terms.

CPB041 Fundamentals of Career Advancement: This seminar is designed to enhance career decision-making skills. Each student will be engaged in the process of solving his or her current career dilemma. Other topics include planning for further education, career networking, using career information, and learning from work experience.

CPC041 The Future of Work: This seminar explores the changes in the workplace due to the trend of advancing technologies and the closely related trend of globalization. It will discuss the emerging New Economy and how it is altering key aspects of our working lives as well as our lives outside paid work. The seminar will also investigate the technological and organizational changes that have occurred in the workplace during the past few decades. Students will be asked to analyze their current internship experience in the light of the changing American and global economy. This seminar is also offered in an online format during selected terms.

Major specific seminars
CPA011 & CPB011 Introduction to Teaching--Parts I & II: Students on either first or second internships in educational settings may take this combined seminar. The focus is on the participants in the classroom - children, teachers, and other participating adults - as well as factors which influence the classroom, both in and out of school, and the refinement of observation and communication skills essential for investigating a variety of classroom issues. Seminar topics will also focus on classroom management, teaching, and student learning and behavior.

CPA040 Animal Research: This seminar is designed to increase awareness of the workplace in the animal research field. Topics include principles of research, governmental ordinances, professional behavior and development, ethics and humane animal care. Emphasis will be placed on the career choice and development as a laboratory animal technician. This seminar accompanies a part-time internship in animal research.

CPB040 Veterinary Practice: This seminar is designed to increase awareness of veterinary medicine as a business. Topics include veterinary practice management, legal implications, ethics and professional development and behavior. Emphasis will be placed on the career choice and the role of the licensed veterinary technician. This seminar accompanies a full-time internship in a small animal practice.

◆ Cooperative Education Policies
The following is a list of some of the basic policies of the Cooperative Education Department. For additional information about the Cooperative Education program and its policies, please visit the Central Office of the Cooperative Education Department, M-204, or call (718) 482-5204.

Internship requirements
A Cooperative Education internship course is defined as an internship and a seminar.

Credits are awarded for each internship course. Placement on internships is determined by a student's interests, needs, and academic progress, as well as the availability of appropriate internships.
**Prerequisites to internships**

Prior to their first internship, students must have fulfilled the following requirements:

- completion or waiver of basic skills courses as specified by the Cooperative Education Department;
- completion of Fundamentals of Professional Advancement (CEP121);
- evidence of satisfactory academic progress. Students are required to have at least a 2.0 cumulative grade point average prior to taking an internship; and
- completion of the appropriate introductory or other prerequisite courses in the student’s major.

Responsibility for deciding whether a student is ready to go out on an internship rests with the student’s Co-op Faculty Advisor. Appeal of this decision should be addressed to the Chair of the Cooperative Education Department.

**The Internship Seminar**

Part of the Co-op requirement is the successful completion of an internship seminar. The seminar is normally taken during each internship term. In special cases, a student’s Co-op Faculty Advisor may approve taking the seminar in a subsequent term. In unique circumstances, a student may make arrangements with the Co-op Faculty Advisor for an individualized project in place of a seminar.

**Grading**

The Cooperative Education grade is determined by the degree to which a student meets the requirements for both the internship and the internship seminar. The internship and seminar grades each contribute 50% toward the final grade. Students must pass both the internship and the seminar to receive a passing grade for the Cooperative Education course. Students must meet with their Co-op Faculty Advisor for a final evaluation conference during the early weeks of the term following their internship to receive a final grade. Failure to do so will result in a failing grade for the Cooperative Education course.

The internship grade is based on the Co-op Faculty Advisor’s on-site visit evaluation, the employer evaluation, and the student’s progress toward achieving learning objectives as described in a Final Evaluation essay.

The seminar grade is based on grades received on class assignments, classroom participation and attendance.

The Co-op Faculty Advisor determines the final Cooperative Education grade based on the above two grades. Only the final grade will appear on the student’s transcript.

The Cooperative Education Department does not place or grant further Cooperative Education credit to a student who has received two F grades in Cooperative Education courses. Appeals may be made to the Academic Standing Committee.

**Financial aid and Co-op**

By Federal law, projected Co-op earnings, minus expenses, will be applied against all financial aid awards other than TAP and PELL. Students must consult with their Co-op Faculty Advisor and a Financial Aid Counselor to determine how their financial aid may be affected.

**Taking courses during an internship**

Students on internships are permitted to take additional coursework, as long as it does not conflict with their internship and seminar. It is generally considered inadvisable for students to take more than 6 credits of additional coursework while taking a full-time internship.

**Foreign students with temporary non-immigrant status**

All day students, as well as extended day students in certain specialized curricular areas (see specific major requirements), attending LaGuardia Community College with temporary non-immigrant status are required to complete the Cooperative Education course requirements in order to graduate. They must inform their Co-op Faculty Advisor of their status and meet with one of the college’s International Student Advisors (M-166), who will explain and help process the steps necessary to receive official authorization from the Immigration and Naturalization Service to work. This must be done before an internship begins.
Academic Requirements and Policies

**Academic Requirements**

Students must successfully complete a specified number of required courses prior to graduation. Students can review their individual academic requirements anytime at www.laguardia.edu/DegreeWorks. The number of courses required differs with each major and also depends on the amount of basic skills work needed as explained below. It is important that students consult each semester with a counselor or faculty advisor to arrange an appropriate sequence of courses. The basic skills, ESL, and college-wide requirements are outlined in this section.

**Cooperative Education**

As part of the requirements for the LaGuardia degree, all day students are required to complete successfully Cooperative Education courses or their equivalent. In addition, extended day students in the following specialized curricular areas are also required to complete successfully Cooperative Education courses or their equivalent: Human Services, Occupational Therapy Assistant, Veterinary Technology, Dietetic Technology, AA/BA Program in Liberal Arts/Education, Education Associate: The Bilingual Child, Physical Therapist Assistant, and School Foodservice Management. Students in these specialized curricular areas should consult with their departments for specific guidelines regarding their Cooperative Education requirements. For further discussion of the Cooperative Education program and requirements, please refer to the Cooperative Education section of this catalog.

**Basic Skills Program**

To be successful at LaGuardia, all students must be able to use reading, writing, and mathematical skills. The college offers a comprehensive basic skills program to help students achieve success in their college careers.

The Basic Skills Program includes:

1. careful evaluation of each student's basic skills needs;
2. a variety of courses in reading, writing, and mathematics geared to specific skill levels; and
3. extensive counseling help in making academic, vocational, and personal decisions.

Since basic skills courses are designed to teach skills needed in other subjects, students are required to attend these courses regularly and to complete these courses during their first 36 credits earned at the college. Students who need to take several basic skills courses should expect to take extra time to complete all of their LaGuardia degree requirements.

**Evaluation and placement**

The basic skills course requirements for each student are determined by scores on placement tests, unless the student is exempt (see University Testing Policies and Procedures, page 7). When students report for their first semester registration appointment, they meet with staff to review their initial placement(s) and plan their first semester programs. No degree or certificate student will be permitted to register for classes without having taken the placement tests.

Students who do not pass one or more of the three parts of the placement test must take a retest when they complete their basic skills courses in that area. All tests must be passed while at LaGuardia if a student wishes to transfer to a four-year college in CUNY.

**Basic skills courses**

For detailed descriptions of these courses, please refer to the Course Description section of the catalog. In general, students are required to complete each course in the sequence to which they are assigned from the point of their initial placement.

**Writing**

There are generally two Basic Writing courses: Basic Writing (ENA099) for those students who are placed into CSE095, and Basic Writing (ENG099) for those students who are placed into CSE099. Students who receive an “R” or “F” grade in ENA099 cannot repeat this course but must take ENG099 instead. Students taking ENG099 who are waived from or have successfully completed CSE099 may also register for an introductory course in their major.

**Note:** Students who receive an “R” or “F” grade in ENG099 but who successfully completed an introductory course in their major may not proceed to advanced-level courses in their major until they successfully complete ENG099. However, they may register for another introductory course.

**Reading**

There is one Basic Reading sequence: Essentials of Reading I (CSE095) followed by Essentials of Reading II (CSE099).
Mathematics: There is one Basic Math sequence: Essentials of Mathematics I (MAT095) followed by Essentials of Mathematics II (MAT096).

Students who are required to take ENA099, CSE095, and MAT095 or MAT096 are recommended to take all of these courses as early as possible in their program.

Students must pass the mathematics re-test to earn a passing grade in MAT096 and to be able to register for higher-level math courses.

The University has stated that as of Fall 2000, students must pass a retest in all basic skills programs into which they have originally been placed to exit from the program.

Tutorial laboratories and services
Each of the basic skills departments provides, in addition to classroom instruction, individual or small-group tutoring services.

The Writing Center offers help in all areas of writing, from grammar through complex essays and reports. Peer tutors, students who have successfully completed ENG104, provide a portion of the tutoring services.

The mathematics lab, and the reading lab provide personal tutoring, as well as audio-visual aids to help students master basic skills and concepts necessary for success in college and for a career.

Pairs and clusters
At times, the college may link sections of two or more courses in “pairs” or “clusters.” The purpose is to enable students to see connections between subjects by offering an integrated, multidisciplinary, educational experience.

Some students, depending on their initial placement and/or career goals, may be required to register for paired or clustered courses. Other students may elect to take sections that are paired or clustered.

Express courses
During intersession periods, the college may offer express courses. Express courses offer students the opportunity to advance in basic skills areas by taking concentrated periods of computer-supported instruction. The college currently offers express courses in writing, reading, math, and ESL.

Students eligible to participate in express courses will be invited to apply by the college.

English as a Second Language
LaGuardia Community College offers through its English as a Second Language Program (ESL), a three-level, integrated language skills program for students whose native language is not English. Students are placed in the program on the basis of their writing scores on a placement test. Students who do not qualify for ESL college courses may be referred to the CLIP Program. ESL courses offer intensive instruction in reading, writing, speaking, and listening. The course sequence ranges from a beginning-level course designed for students with limited or no English to an advanced course focusing on expository writing and critical reading skills. In addition, the ESL lab provides individual and small group tutoring.

The ESL course sequence consists of the following courses:
- ESL I (097), ESL II (098), and ESL IV (099). ESL for Select Readers (ESR098 and ESR099) are offered to new students based on high reading scores on the placement test. Students who receive an "R" or "P" grade in ESR098 or ESR099 cannot repeat these courses but must take ESL098 or ESL099 instead.

Students are generally required to complete the ESL sequence from the point of initial placement. Once the ESL sequence is completed, students can expect to take ENG099. For detailed descriptions of the courses, please refer to the Course Description section of the catalog.

Liberal Arts Elective Requirements
In general, courses offered by the departments of English, Humanities, Library, Mathematics, Natural and Applied Sciences, and Social Science are considered liberal arts courses and may be used to fulfill the liberal arts elective requirements specified in each degree program.

Liberal arts electives provide you with a valuable opportunity to round out your academic program. They can also help you prepare for transfer to four-year colleges and help you meet the liberal arts distribution requirements at those schools. Most courses offered by the above-mentioned departments can be used to fulfill the liberal arts elective requirement.

Courses that DO NOT count as Liberal Arts
Courses that are listed below cannot be used to fulfill the liberal arts requirement but may be used as unrestricted elective credit.

Accounting/Managerial Studies
All courses

Communication Skills
CSE095 Essentials of Reading I
CSE099 Essentials of Reading II
CSE103 Advanced Reading and Study
CSE105 Vocabulary Enhancement
CSE200 Speed Reading

Computer Information Systems
All courses

Cooperative Education
All courses

English
ENA099 Basic Writing
ENG099 Basic Writing
ENG110/ESL.110 English Grammar Syntax

English as a Second Language
ESL.097 ESL I
ESL.098 ESL III
ESL.099 ESL IV
ESR098 ESL III for Select Readers
ESR099 ESL IV for Select Readers
ESL/ENG110 English Grammar Syntax

Humanities
HUA103 Beginning Drawing
HUA104 Introduction to Design
HUA106 Three-Dimensional Design
HUA110 Beginning Painting
HUA115 Color Theory
HUA120 Beginning Sculpture
HUA125 Computer Art
HUA130 Beginning Photography
HUA145 Studio Lighting I
HUA155 The View Camera, Large Format Photography
HUA180 Life Drawing
HUA190 Technical Drawing
HUA210 Intermediate Painting
HUA220 Intermediate Sculpture
HUA230 Intermediate Photography
HUA234 Color Photography
HUA235 Color Darkroom Techniques
HUA238 Alternative Photography: The Manipulated Image
HUA245 Studio Lighting II
HUA280 Commercial Photography Seminar
HUB102 Educational Psychology: The Bilingual Child in an Urban Environment
HUB103 Principles and Practices of Bilingual Education and ESL
HUB200 Teaching Reading and Language Arts in the Bilingual Classroom
HUC105 Voice and Diction Workshop
HUC195 Theatre Production
HUC240 Production Workshop
Veterinary Technology
fulfill only the unrestricted elective requirement. Urban study courses:

Urban Study Requirement
LaGuardia Community College is proud of its unique urban study graduation requirement. It reflects the college’s commitment to the communities it serves and to its students as future leaders of those communities. Urban study courses promote a multi-disciplinary understanding of the urban environment enriched by a hands-on, experimental approach to learning in and through the city.

At least one urban study course must be completed by each degree candidate for graduation. A course taken at an accredited college in New York City that fulfills the criteria for the urban study course and is the equivalent of an existing LaGuardia urban study course may fulfill the urban study requirement. Some urban study courses will be offered each semester. Some urban study courses also fulfill the liberal arts elective requirement. Others fulfill only the unrestricted elective requirement. Urban study courses:

1. Focus primarily on aspects of urban life and help students understand some aspects - cultural, historical, political, sociological, economic, ecological - of New York City;
2. Explore systematically and visit resources within New York City in order to introduce and/or reinforce course concepts - at least two or more field trips will be made during the session; and
3. Are scheduled in a mode that facilitates the use of the city as a learning laboratory and permits follow-through of conceptual material in the classroom.

The following is a list, by department, of urban study courses (any course with a three-letter designation ending in “N” is an Urban Study course; e.g., “XXN”):

**Accounting/Managerial Studies**
AMN195 Profile and Prospects of Business in New York City
AMN211 Travel, Tourism and Hospitality Marketing

**English**
ENN191 Art, Politics and Protest
ENN/SSN193 Ideal Societies
ENN195 Violence in American Art and Culture
ENN198 Creative Writing
ENN240 Literature of the City

**Human Services**
HSN103 Community Dynamics: Impact on Human Services
HSN110 Perspectives on Homelessness

**Humanities**
HUN101 Introduction to Bilingualism
HUN/SSN180 Introduction to Intercultural Communication
HUN191 Photojournalism: An Introduction
HUN192 Art and Society
HUN194 Puerto Rican Community: Minority Group Experience
HUN196 Film and New York City
HUN245 The New York Theatre Experience

**Natural and Applied Sciences**
SCN101 Introduction to Veterinary Technology
SCN194 AIDS in New York City
SCN195 Community Health

**New Student Seminar**
New Student Seminar is an orientation course required of all entering freshmen and transfer students. Taught by the Counseling faculty, it is designed to help students adjust to college life and demands, improve their study skills, and begin the process of educational and academic planning to achieve their career goals.

**Occupational Therapy Assistant**
All courses except SCD200 Introductory Nutrition

**Physical Therapist Assistant**
All courses

**Veterinary Technology**
All courses

**Social Science**
SSN103 Introduction to Labor and Community Organizing
SSN/HUN180 Introduction to Intercultural Communication
SSN182 Urban Anthropology
SSN183 History of Minorities
SSN184 Environmental Psychology
SSN186 Sociology of the Black Community
SSN187 Urban Sociology
SSN189 The Urban Economy
SSN190 Leadership
SSN192 Practical Politics in New York City
SSN/ENN193 Ideal Societies
SSN194 Religion and Social Change
SSN199 Neighborhood History
SSN210 The Politics of Sexuality
SSN240 History of New York City
SSN280 Urban Black Psychology

**Academic Policies**
Academic policies are generally monitored through the Registrar’s Office. The Enrollment Services Center, C-107, serves the students of LaGuardia in a variety of ways. In addition to coordinating and implementing the registration process, the Enrollment Services Center also provides the following services: distribution of the college’s academic calendar, monitoring of academic standing, allied health candidacy, certification of student enrollment, transcript requests, tuition refund requests, verification of atten-
Academic Review

The academic records of all students are reviewed each semester, and probation and suspension letters are sent to students who do not meet the scholastic requirements at LaGuardia. Not having received a letter, however, does not excuse a student from knowing the policies and adhering to them. All students are responsible for maintaining their academic standing according to the college’s retention policy.

Attendance Policy

Attendance in class is a requirement and will be considered in the evaluation of student performance. Instructors are required to keep an official record of student attendance. The maximum number of unexcused absences is limited to 15% of the number of class hours.

Note: Absences are counted from the first day of class even if they are a result of late registration or change of program.

Day and Extended Day Status

After a student’s first registration at the college, the student’s day/extended day (evening) status cannot be changed.

Extended day classes are a continuation into the evening and weekend of scheduled credit classes.

To meet the special needs of adults who have work and family commitments, extended day courses are scheduled in a variety of patterns; these permit a student to take several courses while attending just one or two evenings a week. Some courses can be completed by attending classes only one evening a week or on Saturday or Sunday.

Extended day students may also take daytime courses as their personal needs dictate; similarly, day students may enroll in evening and weekend classes.

All students benefit from the basic college services: counseling and advisement, health services, instructional laboratory facilities, bookstore, cafeteria, recreation facilities, and administrative services, and are governed by the same general college policies and regulations.

Any questions concerning extended day classes can be directed to the Extended Day Office, C-107, or call (718) 482-6070.

♦ Academic Credits

Credit Load

The college does not require that students enroll for a minimum number of credits. A full-time program, however, is considered to be 12.0 credits or equated credits (eq. cr.) per semester. Many financial aid programs depend on full-time status. For further information consult with the Enrollment Services Center, C-107.

Full-time criteria:

In order to be considered full-time, students must meet the conditions of one of the following categories:

1. be registered for 12.0 or more credits;
2. be taking a full-time Co-op Internship and additional courses for a total of 12.0 eq. cr.;
3. be taking a part-time Co-op Internship and 10 additional eq. cr.;
4. be a first semester freshman and register for 3.0 credits and 12.0 eq. cr. (at least one of the courses must appear on the special value course list published in the Schedule of Classes); or
5. be registered for 6.0 credits and 12 tuition units (at least one of the courses must appear on the special value course list published in the Schedule of Classes).

Students may achieve their full-time status in Session I or take a combination of courses in Session I and II in order to achieve full-time status. Students must register for the Session II classes when they register for Session I or the Session II class may not be considered for financial aid. It is recommended that students attempt to be full-time in Session I.

Maximum equated credits per semester

Students may not register for more than 18 eq. cr. per 12-week session, or two courses (not to exceed 9 eq. cr.) per 6-week session. Exceptions may be granted through special permission. In order to receive special permission:

1. During advisement, students must consult with their faculty advisor or counselor to receive his or her recommendation.
2. Students must obtain written permission from the Vice President of Academic Affairs or designee. To obtain approval, students must have completed all basic skills and have a GPA of 3.0.

Exemption Credit

Exemption credit from any course offered at LaGuardia may be granted on the basis of an examination or a project equivalent to the final requirement of the course. Equivalencies are determined by the faculty of the appropriate division or department and must be approved by the chairperson. To receive credit by exemption, the student should apply to the appropriate chairperson or designee.

The maximum number of exemption credits that can be counted toward a LaGuardia degree is 10. These 10 exemption credits may be applied toward LaGuardia’s 30-credit residency requirement for a degree; a maximum of 6 exemption credits may be applied toward a certificate. Any transfer credits are applied in addition to exemption credits.

Note: Exemption credits are awarded to degree students only.

Independent Study and Individualized Course Credits

Independent study

The college offers students the opportunity to pursue independent study credit(s). This format is designed for the student who is self-motivated, self-disciplined, and capable of doing advanced work. Before registering for independent study credit(s), students must secure permission from the instructor and chairperson of the appropriate academic department. This permission form is available in the Enrollment Services Center, C-107, and must be returned at registration. The completed permission form must also indicate the number of credits to be earned. The formal learning contract must be developed with the instructor and submitted to the Registrar’s Office. In addition:

1. The student must have successfully completed 36 credits;
2. The student must meet the requirements for individual study set by the specific department;
3. The contract may involve in-depth exploration of a special topic not within an existing course or it may involve an in-depth exploration of a specific topic within (but not duplicating) an existing course; and
4. The student may take a maximum of 6 credits of independent study and may not engage in more than 3 credits of independent study per session.

Note: A request for waiver may be made to the Office of Academic Affairs, M-400.

Individualized courses

At the discretion of the department, the college offers students the chance to accomplish the goals of pre-existing courses in a non-traditional mode.
INFORMATION ON DEGREE REQUIREMENTS

The project must be based on and fulfill the instructional and performance objectives of the existing courses. Students interested in pursuing such a project must meet departmental prerequisites for the existing courses and must provide a transcript of work already completed to the instructor. Students must also secure permission from the instructor and the chairperson of the appropriate academic department. The permission form is available in the Enrollment Services Center, C-107, and must be returned at the time of registration. The formal learning contract must be developed and submitted to the Registrar’s Office by the deadline date. The course may be offered if any of the following conditions are met:

1. The student needs the course to graduate in the next semester;
2. The course is required for the student’s progress in a sequence;
3. The course has been canceled by the college; or
4. The course won’t be offered in the current session or the next session.

In addition:

1. The student may take a maximum of 6 credits of individualized courses but may not engage in more than 3 credits of individualized course study per session (A request for waiver may be made to the Office for Academic Affairs, M-400);
2. The student must meet departmental requirements of prerequisites for individualized course study;
3. The student and faculty member must have met and formalized a learning contract within stated time requirements; and
4. The course must be among those listed as being offered for individualized course study by the department.

In order to pursue Independent Study or an Individualized Course, students must complete the following steps.

Faculty approval
The student must consult a faculty member who is willing to serve as an instructor. A Request to Register form must be signed by the instructor, student and chairperson.

Registration
The student must submit the signed request form at registration so the course can be put on a roster.

Planning the contract
The student must meet with the instructor at the beginning of the session. The purpose of this planning session is to complete the contract form. For independent study, a detailed description of course requirements must be listed on the contract. For an individualized course, the course outline must be attached and the material to be covered during the session noted. The student and instructor should determine dates for future meetings. A minimum of 7 hours and a maximum of 10 hours must be spent in discussing coursework during pre-determined sessions with the instructor.

Recording the contract
The signed contract must be submitted to the Enrollment Services Center by either the instructor or the chairperson of the department by the end of the third week of classes.

Consequences for failing to make or carry out the plan
Once registered, students are responsible for completing all requirements as stated in the contract. Failure to meet with the instructor as agreed or to fulfill course requirements will result in a punitive grade.

Transfer Credit
For information on transferring credits previously earned at other accredited colleges or universities or for information on veteran’s credit for military service, please refer to page 8.

College Advisement, Registration, Withdrawal and Leave

Academic Advisement
All counselors provide academic advisement services, which begin at orientation and continue until students graduate. Through academic advisement, students connect their education and career goals. The advisement process includes a discussion with a counselor or Faculty Advisor on students’ current academic progress, a review of their degree requirements, an evaluation of the courses to be completed and a decision on which courses to select for the next semester. Counselors or faculty members from the major assist students in this decision-making process.

Advisement is mandatory at LaGuardia for students with fewer than 30 credits. Students from selected majors and those in special programs must always obtain a signed advisement form. These students cannot proceed to registration unless they have a signed advisement form. Advisement is offered during the semester, prior to registration, during registration and during change of program. Any student who needs assistance can receive advisement regardless of their credit range.

Advisement tools
As part of the advisement process, incoming students receive an advisement packet which includes a general instruction brochure describing the enhanced semester, information on developmental skills, tuition, full-time status, documents needed for registration, financial aid newsletter, College Preparatory Initiative booklet and an overview of the advisement/registration process.

New students receive an individualized Personal Education Plan (PEP) on their registration day. The PEP is a personalized advisement document listing the required developmental skills and introductory courses required in their major for both sessions.

Continuing students are invited to pick up their advisement materials before advisement begins. The advisement materials consists of: the next semester’s schedule of classes, advisement schedule for their major, advisement form, a checklist on how to be prepared for an interaction with an advisor, and their degree audit, which can be accessed anytime and printed from www.laguardia.edu/DegreeWorks. Students may also use their college catalog to keep track of the degree requirements they meet.

LaGuardia’s advisement systems
Students are advised through different systems:

New students are advised at orientation and during New Student Registration. First semester students are advised in New Student Seminar.

ESL students are advised by counselors and the ESL faculty at registration.

College Discovery, COPE and Students with Disabilities, along with students majoring in Commercial Foodservice Management, Dietetic Technician, International Studies, Nursing, Occupational Therapy Assistant, School Foodservice Management, Physical Therapist Assistant, and Veterinary Technology must be advised each semester regardless of their credit range.

Liberal Arts and Science students are invited to meet with the Liberal Arts faculty and the Liberal Arts Coordinator during assigned advisement dates.

Accounting, Administrative Assistant, Commercial Photography, Computer Information Systems, Education, Education Associate: The Bilingual Child, Emergency Technician, Fine Arts, Human Services, Managerial Studies, Mortuary Science, Paralegal Studies, and Travel and Tourism students are advised individually by the Faculty Advisors from those majors during college-wide advisement.
Withdrawal from courses

There are two mechanisms for students to drop courses: Change of Program and Official Withdrawal. During the change of program period students must access the Registration system at www.lagcc.cuny.edu, click on RegXPress, then on Register/Change of Program to drop a course or courses. The course will not appear on the student’s transcript.

If you need to withdraw from the college or from a course after change of program has ended; you must go to the college’s website www.lagcc.cuny.edu, click on RegXPress, then on Withdraw.

The following students may not withdraw online: College Discovery students, students registered for basic skills courses or high school students. They must file an official withdrawal form, which can be obtained in the Enrollment Services Center, C-107. College Discovery students and students registered for basic skills course must obtain a counselor’s signature in order to withdraw from a class and return the signed form to the Enrollment Services Center by the deadline. High school students taking college courses must obtain a signature from their High School Guidance Counselor in order to withdraw from a course and return the signed form to the Enrollment Services Center by the deadline. If you withdraw during the official withdrawal period, you will receive a “W” as a grade.

WITHDRAWAL FORMS WILL NOT BE ACCEPTED AFTER THE OFFICIAL WITHDRAWAL DEADLINE.

If you do not use the above procedures to withdraw officially from a course in which you have been excessively absent, you will be assigned a failing grade of “WU” by the course instructor.

Withdrawal from Cooperative Education

Termination or withdrawal from a Cooperative Education internship is subject to the approval of the student’s Co-op Faculty Advisor. It is recognized that termination of an internship may be due to a variety of justifiable reasons. Therefore, each case will be handled individually by the Co-op Faculty Advisor, subject to normal grading procedures of review and appeal of Cooperative Education grades.

Medical Leave of Absence

Students may be permitted to take a Medical Leave of Absence if they can provide a physician’s statement that includes the diagnosis, prognosis and the disability period. Students are requested to file for a Medical Leave immediately following the onset of the disability and no later than six months following the semester the medical leave is requested for to avoid academic liability and academic jeopardy. The documents are then reviewed by Health Center staff for approval.

Federal regulations

Federal regulations stipulate that the Medical Leave of Absence is not to exceed 180 days within a twelve-month period. In the event that the leave exceeds this time period, it is considered a withdrawal and the return of all Title IV (Pell) funds apply.

Bursar

If your Medical Leave of Absence is effective after the first day of classes but within the tuition refund period, you will be charged a tuition liability. The term tuition liability refers to the percentage of tuition and fees a student owes based on original tuition charges. Please note: If you are entitled to a refund, the amount received is based on attendance verification.

If the effective date on the Medical Leave of Absence is after the last day of the refund period, and/or if the attendance verification record indicates that you attended classes after the last day of the refund period, you are liable for all tuition and fees and NO REFUND IS DUE.

Please keep in mind how a Medical Leave of Absence affects your Financial Aid if you have paid for your registration with Pell and/or TAP. Please refer to the Schedule of Classes for liability dates.

Conditions regarding academic liability

Once a Medical Leave of Absence form is fully approved, you will receive a grade of “W” for all of your courses, regardless of the effective date of the Medical Leave.

Permit policy

LaGuardia students currently registered in good academic standing who wish to take one or two courses at another CUNY college may do so only by using the Permit procedure. Only degree-seeking students are eligible to apply to go out on permit. At LaGuardia, courses allowed to be taken on permit are restricted to those which can legitimately be transferred back toward the LaGuardia degree. Under normal circumstances, only courses not being offered by LaGuardia in a particular semester will be considered.

All courses completed on permit are recorded on the LaGuardia transcript with the actual grade earned which is calculated in the GPA. Students who are interested in taking courses on permit must secure approvals from the appropriate academic departments and the Enrollment Services Center, and pay the tuition and fees to LaGuardia’s Bursar before beginning their studies at another institution. All of these procedures can be done electronically on the new CUNY E-Sims Permit. Come to the Enrollment Services Center, C-107, for further instructions. Credit will be given only for those courses granted prior approval and indicated on the permit form on file in the Enrollment Services Center.

Students from other CUNY colleges who wish to attend LaGuardia on permit must obtain the required permissions and make payment at their home college. They are eligible to register when the E-Permit has been approved by LaGuardia.

Note: LaGuardia students wishing to go out on permit to another CUNY college may do so during the 12-week sessions only. Students from other CUNY colleges may come into LaGuardia for all sessions.

Readmission to the College

All students who have not registered for classes for two or more semesters must apply for readmission. This includes those students who have been on a Medical Leave of Absence.

Readmission forms are available in the Enrollment Services Center, C-107, and must be completed and returned by a deadline (approximately five weeks prior to the semester in which they would like to return.) Call the Student Information Center, (718) 482-5935, for exact deadlines. There is a non-refundable $10 readmission processing fee payable to the Bursar.

Students returning to the college within one year (two semesters) generally will be readmitted to the college under the same curriculum (major) requirements which were in effect at the time the student was admitted to the college. However, students returning after one year will be readmitted under the curriculum requirements in effect at the time of their readmission. In exceptional cases, where the new requirements create an unnecessary hardship (such as graduating with an excess of 72 credits), students will be eligible to petition the requirements and seek possible exception to this policy to the Academic Standing Committee. The decision of the committee is final.

Note: Readmission may be considered for the 6-week sessions; however, the student is not able to use financial aid for that session.
Reinstatement

Students on academic suspension may apply in writing for reinstatement during their period of suspension. Applications must be obtained at the Enrollment Services Center, C-107, and returned before the deadline date, prior to the semester for which the student is applying for reinstatement. Students should call the Student Information Center for the reinstatement deadline. There is a $10 non-refundable reinstatement processing fee (even if the application is rejected) payable to the Bursars. If reinstated, students are expected to show substantial improvement in academic performance. Normally this will require maintaining a semester GPA of 3.00. Students who are reinstated and do not obtain a 3.00 GPA in the semester in which they are reinstated or do not improve their GPA to within retention policy standards are once more suspended. Students suspended twice are not allowed to register at the college again. Exceptions may be granted, only under unusual circumstances, by the Academic Standing Committee or its chairperson. The decision of the committee is final.

Note: Reinstatements are not considered for the 6-week sessions.

Academic Forgiveness Policy

Students who have been dismissed from or have not been in attendance at the College for a period of at least five years and whose academic record would prevent them from being reinstated under regular College policy/guidelines are able to be reinstated under the Academic Forgiveness Policy. For students reinstated under this policy, past grades of F, FIN, or WU will remain on their transcripts but will not be calculated in their grade point averages. This policy allows students who would otherwise not be able to return to LaGuardia a second chance to complete their studies.

Note: Admission or readmission into the “Clinical Phase” of Allied Health Programs is not guaranteed under the Academic Forgiveness Policy, regardless of the student’s prior status in that Program. Students must contact individual Program offices for specific readmission policies.

◆ Grading

Grading System

College-wide grading policy statement

At LaGuardia Community College, all students are encouraged to achieve their highest potential by acquiring knowledge and developing skills that lead to success both in the classroom and in the modern workplace. Academic progress is measured by the students’ mastery of the course as demonstrated by their ability to write clearly and accurately, discuss, compute, analyze and draw logical conclusions among concepts. All students are expected to abide by the college attendance policy, complete all assignments and examinations thoroughly and on time, and participate thoughtfully and constructively in class discussions. Further information on grading is contained in the college-wide attendance policy, plus and minus grading policy, departmental grading policies and course syllabi.

The following grading symbols are included in the calculation of Grade Point Average (GPA):

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<th>Grade</th>
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<tr>
<td>TCR</td>
<td>F</td>
</tr>
</tbody>
</table>

The following symbols are also used on the official transcript:

CR Exemption credit (credit earned). Students with demonstrated competence in specific areas may be granted credit for courses related to these areas.

E Excellent. (used prior to Fall 1975 with GPA value of 4.00)
F The Failure grade is used when an instructor evaluates a student’s work as not having met the standards for the course. Ordinarily the student is expected to retake the course. A student who has received an F twice for the same course must consult with and receive permission from the department chairperson or designee before attempting the course again.
FIN An INC (Incomplete) grade which has been converted to a failing grade will appear as a FIN grade.
G Good. (used prior to Fall 1975, with GPA value of 3.00)
IN The Incomplete grade may be awarded to students who have not completed all of the required course work but for whom there is a reasonable expectation of satisfactory completion. A student who is otherwise in good standing in a course — defined as complying with the college attendance policy and maintaining a passing average — but who has not completed at most two major assignments or examinations by the end of the course may request an Incomplete grade. To be eligible, such a student must provide, before the instructor submits grades for the course, a documented reason, satisfactory to the instructor, for not having completed the assignment on time. Instructors giving IN grades must inform students in writing of the conditions under which they may receive passing grades.
NC No credit. Currently used only for high school students enrolled in college-level courses (used for all students prior to March 1977; calculated as an F in the GPA if earned between September 1976 and March 1977; not calculated for any other period).
P Passing (used prior to Fall 1975; not calculated in GPA).
R The Repeat grade is awarded only in Basic Skills courses. In general, the student has satisfactorily completed all assignments and has demonstrated satisfactory progress toward the goal of the course but has not reached the level required to pass the course. To earn a grade of “R” students who do not pass the course must:
1. Comply with the college’s attendance policy. Students who have stopped attending on or before the official withdrawal date must receive a grade of “WU”; 2. Complete all assigned work; and
3. Make substantial progress in appropriate skill improvement.
S Satisfactory. This grade is used only in courses that carry no credit, such as New Student Seminar; Co-op Prep; and Nursing, OTA, PTA, and VTA candidates.
TCR The Transfer Credit Grade grade is given to students who have transferred into LaGuardia with credits earned at other accredited colleges and universities. Based on guidelines established by the academic department, transfer credits are evaluated by the Transfer Credit Office, M-149, prior to or during the first semester of attendance at LaGuardia. Students may receive a maximum of 10 transfer credits toward a certificate and 30 transfer credits toward a degree.
U Unsatisfactory. This grade is used only in courses that carry no credit, such as New Student Seminar, Co-op Prep; and Nursing, OTA, PTA, and VTA candidates.
W Official Withdrawal. This grade is given when a student officially withdraws from a course after the change of program period, but prior to the official withdrawal deadline.
### Policy on early advisement to improve student performance

College policy requires that faculty will:

1. provide students with clear-cut course objectives and requirements and evaluation criteria (criteria for grading);
2. administer some form of evaluation (e.g., quiz, exam, written assignment) by the end of the fourth week of a 12-week session or by the end of the second week of a 6-week session; the evaluation is to be returned and discussed with students; and
3. initiate early contact with students performing poorly; assist students by offering advice and by referring students to labs or to the Academic Counseling Department, C-239.

### Grade Point Average (GPA)

The GPA is a numerical computation of a student’s academic record and is used to determine graduation eligibility, graduation honors, inclusion on the Dean’s List, probation and suspension. The GPA is also used to determine continued eligibility for some financial aid programs. The GPA is calculated per semester by using the following criteria:

#### How to Compute Your Grade Point Average

<table>
<thead>
<tr>
<th>Grades Earned</th>
<th>Numerical Value</th>
<th>Credits Attempted</th>
<th>Minimum GPA for Good Academic Standing</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.00</td>
<td>0 to 12</td>
<td>1.50</td>
</tr>
<tr>
<td>A-</td>
<td>3.70</td>
<td>12.5 to 24</td>
<td>1.75</td>
</tr>
<tr>
<td>B+</td>
<td>3.30</td>
<td>24.5 or more</td>
<td>2.00</td>
</tr>
<tr>
<td>B</td>
<td>3.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>B-</td>
<td>2.70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C+</td>
<td>2.30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C</td>
<td>2.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>C-</td>
<td>1.70</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D+</td>
<td>1.30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D</td>
<td>1.00</td>
<td></td>
<td></td>
</tr>
<tr>
<td>D-</td>
<td>0.70</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

F, WU, FIN 0.00 (do not calculate these grades into GPA if you took the course again and passed with a C grade or higher)

INC, W, Z, U, S, R grades are not calculated into the GPA.

To calculate your GPA, list all the courses you have taken at LaGuardia and write the grade you earned. Using the chart above, write the numerical value for each grade. Next write the number of credits each course is worth. Using a calculator, multiply the value and credits and write the answer in the quality points column. Take the total number of credits and divide them into the total number of quality points to reach your correct GPA.

#### SAMPLE CALCULATION

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Numerical Value</th>
<th>Credits</th>
<th>Quality Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENG 101</td>
<td>A-</td>
<td>3.70</td>
<td>3</td>
<td>11.1</td>
</tr>
<tr>
<td>MAT 200</td>
<td>C</td>
<td>2.00</td>
<td>4</td>
<td>8.0</td>
</tr>
<tr>
<td>SSS 100</td>
<td>B-</td>
<td>2.70</td>
<td>3</td>
<td>8.1</td>
</tr>
<tr>
<td>HUC 101</td>
<td>D+</td>
<td>1.30</td>
<td>3</td>
<td>3.9</td>
</tr>
</tbody>
</table>

Divide 31.1 by 13 for the answer of 2.39. This student’s GPA is a 2.39 and a total of 13 credits.

### Academic Appeals/Change of Grade

A student who wants to appeal a grade should contact his or her instructor to discuss the grade. If no equitable solution is reached, the student may then go to the instructor’s department chairperson for consultation. If no agreement is reached, the student has the option of appealing the case in writing to the chairperson of the Academic Standing Committee. The decision of the Academic Standing Committee is final. Students who wish
to appeal final grades must file a written appeal within six months follow­
ing the session in which the course was taken, including requests for med­
cial leaves of absence. However, when a medical leave prohibits a student from returning to the college the following semester, the student has six months from the semester the student readmits to file the written appeal. Appeal forms are available from the Counseling Offices.

Note: Grades of “W” and “WU” cannot be altered by instructors or chairpersons. They can only be changed by appealing to the Academic Standing Committee. Grades of A, B, C, D, F, FIN, INC, R, Z, or @ may be changed by instructors with permission from the department chairperson. The Registrar will review all cases of changes where more than one grade level is involved, e.g. “C” to “A”, “D” to “B”, “F” to “C.”

Dean’s List

The Dean’s List is established every semester to honor those degree or certificate students who have achieved academic excellence. To be eligible for inclusion on the Dean’s List in a given semester, a student must have:

1. earned 9.0 credits or more;
2. achieved a grade point average (GPA) of 3.50 for the semester;
3. not received grades of F, FIN, D+, D, D-, INC, R, WU or Z; and
4. maintained a cumulative GPA of 2.00.

Probation

Students who do not meet the minimum grade point average (GPA) are placed on academic probation. They are given one semester to achieve the minimum grade point average required as per the college’s retention policy before they were placed on probation. During this probationary period, students who make satisfactory academic progress will continue to main­tain their academic standing with the college and their concurrent eligibil­ity for financial aid. If the minimum GPA is not achieved, students may be suspended from the college. However, in order to allow students to file appeals (due to constraints associated with the calendar), there is a one semester delay concerning suspensions.

Probation workshops

Counselors from College Discovery and the Counseling Department offer workshops and specialized counseling sessions to students on academic probation. They help students understand the college’s retention policy and develop strategies for academic success.

RetentionPolicy

All students must achieve a minimum cumulative Grade Point Average (GPA).

<table>
<thead>
<tr>
<th>Credits Attempted</th>
<th>Minimum Cumulative GPA</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0-12.0</td>
<td>1.50</td>
</tr>
<tr>
<td>12.5-24.0</td>
<td>1.75</td>
</tr>
<tr>
<td>24.5-or more</td>
<td>2.00</td>
</tr>
</tbody>
</table>

Suspension

Students who have been suspended are not eligible to register for courses at the college for one semester. They may appeal the suspension in writ­ing to the chairperson of the Academic Standing Committee. Appeal forms are available in the Counseling offices. If the appeal is approved, students will be expected to show substantial improvement in academic performance. Normally this will require maintaining a semester GPA of 3.00. Exceptions may be granted, only under unusual circumstances, by the Academic Standing Committee or its chairperson. The decision of the committee is final.

Graduation

At LaGuardia, a 2.00 GPA (C average) is required for graduation, as well as passing the required basic skills tests and the University Proficiency Test. A graduate whose cumulative GPA is between 3.50 and 3.89 shall be graduated with honors. The term “with honors” will be inscribed on the student’s diploma and noted on the commencement program. A graduate whose cumulative GPA is 3.90 or better shall be graduated with high hon­ors. The term “with high honors” will be inscribed on the student’s diploma and noted on the commencement program. Students can review their progress towards graduation anytime at www.laguardia.edu/Degree Works. All students must register for “Intent to Graduate” in order to have their records reviewed. This should be done when they register for their final 12-week session (SIMS Code 6999). Students wishing to appeal graduation requirements may submit a written appeal to the Academic Standing Committee. The decision of the committee is final. Upon graduation a student’s record is frozen. No changes can be made to the record.

Note: If the Registrar’s Office determines that you have met the require­ments for graduation, you may not continue taking courses at LaGuardia unless you have filed a second degree/credential or a non-degree applica­tion.

College Preparatory Initiative (CPI)

The City University of New York has instituted a program for entering stu­dents called the College Preparatory Initiative. Students who graduated from high school in or after June 1993, or received a GED in or after September 1993, are subject to CPI requirements.

Students entering a community college between Fall 1997 and Spring 1999 will be expected to have at least 13 units of high school work in aca­demic courses, including a minimum of 1 unit of laboratory science, 2 units of mathematics, 4 units of English, and 2 units of social science. In Fall of 1999, students will be expected to have at least 15 units, including a mini­mum of 2 units of laboratory science, 3 units of mathematics, 4 units of English, and 2 units of social science. By Fall 2000, the unit expectation is 16; 2 units of laboratory science, 3 units of mathematics, 4 units of English, 4 units of social science, 1 unit of fine arts, and 2 units of foreign language will be required. The minimum distribution of units for community colleges is specified in the chart below.

<table>
<thead>
<tr>
<th>Date</th>
<th>Unit Count</th>
<th>Science</th>
<th>Math</th>
<th>English</th>
<th>Social Science</th>
<th>Fine Arts</th>
<th>Foreign Language</th>
</tr>
</thead>
<tbody>
<tr>
<td>1995</td>
<td>11</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>X</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1997</td>
<td>13</td>
<td>1</td>
<td>2</td>
<td>4</td>
<td>2</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>1999</td>
<td>15</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>2</td>
<td>X</td>
<td>X</td>
</tr>
<tr>
<td>2000</td>
<td>16</td>
<td>2</td>
<td>3</td>
<td>4</td>
<td>4</td>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

High school students should consult with guidance counselors to ascer­tain what courses are considered to be academic within the English, science, mathematics, social science, foreign language and fine and performing arts curricula.

All new students will be informed of the preparatory units that have been recognized as a result of high school preparation. GED students, who took the English language version of the exam, will receive units based on their test scores.

Students who have not completed the academic unit expectations prior to enrolling at LaGuardia will be required to demonstrate skills and knowl­edge in the discipline areas in which they lack preparation prior to gradua­tion from LaGuardia. This is generally accomplished by taking designated college courses which serve as CPI substitutes.
### CPI Substitute Courses

**Academic Discipline: English**

- ENA099 Basic Writing
- ENG099 Basic Writing
- ENC101 Composition I
- ENG101 Composition I
- ENG102 Composition II: Writing Through Literature
- USI012 Basic Writing

**Sponsoring Department: Humanities**

- HUC101 Oral Communication

or

- HUL100 Communication and the Non-Native Speaker

**Academic Discipline: Foreign Language**

**Sponsoring Department: Humanities**

- HUE011 Modern Chinese I
- HUE012 Modern Chinese II
- HUF011 Elementary French I
- HUF012 Elementary French II
- HUF013 Intermediate French
- HUK013 Intermediate Greek
- HUS011 Elementary Spanish I
- HUS012 Elementary Spanish II
- HUS013 Intermediate Spanish
- HUS015 Spanish for Fluent Speakers
- HUZ011 Elementary Portuguese I
- HUZ012 Elementary Portuguese II

**Academic Discipline: Mathematics**

**Sponsoring Department: Mathematics**

- MAT096 Mathematics in Action II
- MAT106 Mathematics of Medical Dosages
- MAT107 Mathematics and the Modern World
- MAT120 Elementary Statistics I
- MAT200 Precalculus

- MAT241 Technical Mathematics I

**Academic Discipline: Performing and Visual Arts**

**Sponsoring Department: Humanities**

- HUA011 Introduction to Art
- HUA013 Beginning Drawing
- HUA014 Beginning Painting
- HUA015 Beginning Sculpture
- HUA016 Beginning Photography
- HUC106 Public Speaking
- HUC170 Art of Theatre
- HUC180 Creative Drama
- HUC190 Acting I
- HUC100 Exploring the Humanities
- HUM110 Introduction to Jazz
- HUM140 Music Theory I
- HUM151 Contemporary Vocal Ensemble (Students will have to take Vocal Ensemble two semesters to satisfy one CPI requirement.)
- HUM155 Voice Class I
- HUM160 Band
- HUM165 Wind Instruments I
- HUM170 Guitar I
- HUM180 Piano I
- HUN192 Art and Society
- HUN245 New York Theatre Experience
- HUP101 Introduction to Philosophy
- HUR101 Creative Thinking and Practice

**Academic Discipline: Science**

**Sponsoring Department: Natural and Applied Sciences**

- SCB101 Topics in Biological Sciences
- SCB201 Fundamentals of Biology I
- SCB202 Fundamentals of Biology II

- SCB203 Fundamentals of Human Biology I
- SCB204 Fundamentals of Human Biology II
- SCB208 Vertebrate Anatomy and Physiology I
- SCB209 Vertebrate Anatomy and Physiology II
- SCC101 Topics in Chemistry
- SCC140 Biological Chemistry
- SCC200 Essentials of Inorganic Chemistry
- SCC201 Fundamentals of Chemistry I
- SCC202 Fundamentals of Chemistry II
- SCP101 Topics in Physical Sciences
- SCP140 Topics in Astronomy
- SCP201 Fundamentals of Physics I
- SCP202 Fundamentals of Physics II
- SCP240 General Physics I
- SCP241 General Physics II
- SCCS099 Introductory Science (for COPE students)

**Sponsoring Department: Computer Information Systems**

- CIS241 Computer Electronics I
- CIS242 Computer Electronics II

**Academic Discipline: Social Studies**

**Sponsoring Department: Social Science**

- SSE101 Introduction to Economics I
- SSE125 World Geography
- SSH101 Themes in American History to 1865
- SSH102 Themes in American History Since 1865
- SSH103 Western Civilization from Ancient Times to the Renaissance
- SSH104 Western Civilization from the Renaissance to Modern Times
- SSH105 World History from Ancient Times to 1500
- SSH106 World History from 1500 to the Present
- SSP101 U.S. Power and Politics
- SSS100 Introduction to Sociology: Contemporary Society
- SY101 General Psychology

Note: For further information about CPI, obtain a CPI Booklet from the Admissions Office, M147.

### Residency Requirement

Students must successfully complete a minimum of 30 credits at the college before being awarded a degree.

Note: Up to 10 exemption credits, as well as courses taken “on permit,” may be used to fulfill this requirement.

### Pursuit of Additional Study After Graduation

#### Second credential students

Students who have earned a certificate and then wish to pursue a degree, and students who graduate with a degree and wish to pursue a certificate, must file a “Second Credential Application.” This is available in the Registrar’s Office and must be filed by the deadline. Courses completed for the first credential may also be used to meet the requirements of the second credential. Students must re-register for “Intent to Graduate” in the semester in which they anticipate completing the second credential. Students with a previous degree from LaGuardia who wish to pursue a second degree at LaGuardia should obtain the application in the Office of Transfer Services, C-261.

#### Second degree students

Students who have graduated from LaGuardia Community College and who are interested in pursuing a second degree at LaGuardia should contact the Career Transfer Center, C-261. Second degree students must complete LaGuardia’s residency requirements of 30 credits toward the new degree and may transfer up to 30 credits toward a degree. All second degree students will be held accountable for the Cooperative Education requirements.
Transfer and Articulation Policies

CUNY Articulation Policies for Community College Graduates

LaGuardia graduates who earn the Associate in Arts or the Associate in Science degree and meet all other CUNY requirements, including the Assessment Tests in basic reading, writing and mathematics, and the University Proficiency Exam, are guaranteed admission to a CUNY senior college.

Under ordinary conditions, it will not be necessary to earn more than the 120 credits usually required for a bachelor's degree. However, additional credits may be required if the major field is changed or if students have not followed the prescribed program for transfer.

An Associate in Applied Science degree graduate who changes at the senior college into a program not directly related to the former major cannot be assured a specific number of transfer credits. Additional credits may be needed to meet the new major requirements.

Admission is not guaranteed to the first-choice senior college or into a high-demand program. In such cases, criteria for admission are established by the senior colleges according to seat availability.

Students who wish to transfer after graduating from LaGuardia are advised to contact the Office for Transfer Services, C-261, for assistance with planning and executing the application. Students are also able to use the CUNY Transfer Information and Program Planning System (CUNY TIPPS), available online at http://tipps.cuny.edu/. CUNY TIPPS allows students to determine how LaGuardia courses will transfer to other colleges within the City University.

CUNY Transfer Policies for Non-graduates of Community Colleges

Students who wish to transfer to another CUNY college before earning the Associate degree from LaGuardia must meet that college's entrance requirements, have completed a certain number of credits and earned a minimum grade point average. As of 1996, students need to satisfy all CPI units in English and mathematics in order to transfer to another CUNY college. Specific guidelines vary from college to college. Students are advised to contact LaGuardia's Office for Transfer Services, C-261, or the Admissions Office of the college of their choice for details.

Private College Articulation Policies

Students who wish to continue their studies after graduating from LaGuardia by transferring to a private institution should select their courses in consultation with a counselor and/or faculty advisor. In addition, very early they should contact LaGuardia's Office for Transfer Services, C-261, and the Admissions Office of the college of their choice for specific requirements and deadlines since the criteria vary from college to college.

SUNY Articulation Policies

The State University of New York pledges that "a New York State resident who wishes to transfer from a State University of New York two-year college, including all community colleges throughout the state, and who possesses or will have an Associate in Arts or Associate in Science degree at the time of transfer is guaranteed an opportunity to continue on a full-time basis at a senior campus of the University." Students with an Associate in Applied Science degree or those who do not graduate are not guaranteed admission.

Students are advised to contact LaGuardia's Office for Transfer Services, C-261, or the Admissions Office of the college they wish to attend for specific requirements.
**Student Programs and Services**

◆ **Academic Advising and Counseling**

All students at LaGuardia Community College benefit from a comprehensive college-wide system of developmental academic advising and counseling. Through academic advisement, students connect their educational and career goals. Students work with academic advisors to discuss their current academic progress, review their degree requirements, and decide on courses to select for the next semester. While the ultimate responsibility for decision-making rests with the student, academic advisors are a valuable support for students' effective educational and career planning.

Advisement is mandatory at LaGuardia for students with less than 30 earned credits. These students cannot proceed to registration unless they have signed advisement forms. However, students of any credit range who need assistance can receive advisement.

Students in special programs and selected majors must always obtain advisement, regardless of the number of credits earned. These students include College Discovery students, COPE students and Students with Disabilities, all of whom are advised by counselors in those respective offices. Students majoring in the following select majors -- Commercial Foodservice Management, Dietetic Technician, International Studies, Nursing, Occupational Therapy Assistant, Practical Nursing, School Foodservice Management, Physical Therapist Assistant, and Veterinary Technology -- must be advised each semester regardless of their credit range.

Advisement is offered during the semester prior to registration, during the registration period, and during the change of program period.

**LaGuardia's Advisement Phases**

Developmental advisement is delivered at LaGuardia in three broad phases. The Pre-enrollment phase, Getting Ready for College - Pre-enrollment Advisement, occurs from students' first contact with the college through their initial orientation and registration as incoming students. The First-Year phase, Becoming a Student- First Year Academy Advisement, is defined as the first two semesters at the college, when students are enrolled in the First-Year Academies. The Second Year phase, Staying the Course - Second Year Advisement, begins in the third semester, when students are engaged in their majors and developmental advisement is delivered by faculty members in the academic departments.

**Getting ready for college - Pre-enrollment advisement**

Entering students are advised at New Student Orientation/Advising/Registration by Academy Coordinators and Educational Planners. (ESL students are advised by the ESL faculty at New Student Orientation/Advising/Registration.) New students receive an individualized Personal Educational Plan (PEP) at orientation. The PEP is an advisement document listing required developmental skills courses as well as suggested introductory courses applicable to a student's major course of study.

Educational Planners provide students with pre-enrollment programs and services designed to assist in the transition into the college. As part of the orientation process, incoming students receive an overview of the college; the advisement and registration process; and information describing the enhanced semester, developmental skills, tuition, full-time status, documents needed for registration, financial aid, the student newsletter, and the College Preparatory Initiative.

**Becoming a student – First-Year Academy advisement**

First semester students are advised into their next semester's courses as part of the curriculum of New Student Seminar. Students are encouraged to meet with counselors throughout the academic year regarding issues of academic advisement and educational planning. The Counseling Department also offers college-wide general advisement during designated periods throughout the academic year.

Every student is a member of a First-Year Academy, based on her/his choice of major--Allied Health/Science; Liberal Arts; or Business/Technology. Each Academy has a Coordinator dedicated to that Academy (academycoordinator@lagcc.cuny.edu). The Coordinator provides academic advising and facilitates co-curricular activities and events. The Coordinator also assists the student in her or his transition to advising by the faculty in the major field. In addition, students have access to a series of developmental advising workshops and services offered by the Academy Coordinators.
Educational Planning Services focuses on increasing student success by helping students develop meaningful educational plans that are compatible with their educational, career, and life goals. Workshops offered by Educational Planning Services are designed to engage and connect students to the college and encourage their success. An Educational Planner serves as a major campus resource for students. She offers informed advice about a student's program and the LaGuardia community and refers students to appropriate campus support services and programs. Educational Planners also help students develop decision-making skills by encouraging them to formulate short, medium, and long-term educational plans consistent with their evolving career goals.

Staying the course: Second-Year advising in the major
Developmental advisement in the second year is centered in the academic departments and builds upon and strengthens the students' experiences in the First-Year Academy. Department-based faculty help students to clarify objectives and refine their career and educational decisions that lead to the realization of their life and career goals. The departments collaborate with college services areas, such as Student Development, Transfer Services, and the Career Placement Office to offer workshops, co-curricular activities, and developmental advising events. Students meet with academic advisors (counselors, faculty, academic coordinators, and/or educational planners) for a comprehensive academic progress review and assistance with course selection. Each academic department has an established mechanism to refer students requiring further assistance, such as personal counseling, to the relevant department or other college service area.

Advisement tools
Continuing students' advisement materials consist of the next semester's schedule of classes (hard copy or on the LaGuardia web site, www.lagcc.cuny.edu), an advisement schedule for their major (see department office), an advisement form, and their DegreeWorks degree audit, www.lagcc.cuny.edu/DegreeWorks. Students should also refer to this college catalog to understand their degree requirements.

DegreeWorks is a web-based academic progress reporting system that displays, in checklist format, the student's graduation requirements based on the College Catalog of the year the student entered LaGuardia. The academic history of the student, including coursework, placement tests and activities (e.g., co-operative education internships), is listed next to the requirements it satisfies. For each student this mapping of fulfilled and remaining requirements along with other key information such as grades, GPA, and credits is called a "degree audit." This online degree audit provides an easy-to-read, comprehensive snapshot for students to review throughout their academic career at LaGuardia. With DegreeWorks, students and their advisors can assure that courses being taken satisfy degree requirements and that students meet their goals without any unnecessary delay. The Enrollment Services Center (C-107) offers workshops on using DegreeWorks.

Counseling Department
The Counseling Department, in C-239, offers an array of services designed to enhance students' personal, academic and career development. Among the services offered are academic advisement (please see above), career counseling, and personal counseling.

Career counseling
When working with a counselor, students explore their career interests, choose a major, and learn about the major and its relationship to their career goals. Counselors administer career assessment inventories and work with students to utilize the results as a tool in decision making. Additionally, counselors work with students in preparing for the transfer process to a four-year college.

Personal counseling
The counseling relationship is completely confidential and private. Students who are experiencing personal problems which are affecting their academic success can meet with a counselor to assist them in developing the skills needed to meet the challenges they are facing. Some of the personal issues for which students seek counseling are family issues/conflicts, drug- and alcohol-related problems, sexual concerns, self-confidence, anxiety, depression, interpersonal difficulties, developing a sense of identity, and loss and bereavement. Individual personal counseling is offered on a short-term basis, and students requiring more extensive counseling services are provided with referrals to outside agencies.

Student outreach and advocacy
Counselors provide outreach services through the offering of theme-based workshops such as Transfer Workshops, Time Management Workshops, Coping Skills Workshops (e.g., Parent Support Group), Probation Workshops, Alcohol Awareness, Depression Screenings, Anxiety Screenings, and various types of support groups. Counselors are also available to work with students on issues such as study skills, managing test anxiety, and test taking.

College Discovery program
The College Discovery (CD) program, one of the Special Programs at the City University of New York, is a comprehensive counseling and academic support program designed to offer individual counseling, academic preparation and assistance, and financial aid for books and fees for students who meet the eligibility criteria. All CD students who have been allocated to the program by CUNY are required to participate in the college's Pre-Freshman Summer Program (unless exempted according to program guidelines).

CD students register for a CD New Student Seminar during their first semester at the college. The counselor who teaches this seminar becomes the students' assigned counselor, and works with them on academic, career, transfer, financial, and personal issues until their graduation. Counselors also work with students in workshops designed to address specific needs.

Other program services include individual (one-to-one) tutoring, computerized tutorials, and additional academic support and preparation.

Educational Planning Services (see also above)
Educational Planning Services (EPS), located in the Enrollment Services Center, room C-107, (718) 482-6070, provides students with pre-enrollment programs and services designed to assist in their transition into the College and to communicate effectively with and advise students through the hurdles that may impede their academic progress. The Educational Planning Services are guided by the beliefs that:

• students have a desire to learn;
• students are responsible for their own behavior;
• students can be successful as a result of their individual goals and efforts;
• students hold their own beliefs and opinions; and
• students' learning needs vary according to individual skills, goals and experiences.

Office hours are: Monday through Thursday, 9:00 AM to 7:30 PM and Friday, 9:00 AM to 4:30 PM; Saturday, 9:00 AM to 3:00 PM; Sunday, closed.

Student Services
The Student Information Center
C-Building, 9th floor, (718) 482-3935
The Student Information Center (SIC) serves prospective and current students through personalized contact via telephone and email. Telecounselors build relationships with potential students as they negotiate the admissions process. The SIC maintains relationships with current students by staying in touch at various points in the academic year. Conversations with students prompt actions that serve to further the individual's academic progress and help the college achieve its enrollment and retention goals.
Educational Planning Services (C-107) (718) 482-5242

The purpose of the Educational Planning Services (EPS) is to provide students with pre-enrollment programs and services designed to make for a smooth transition into the College and to communicate effectively with and advise students through those hurdles that may tend to impede academic progress. Educational Planning Services focuses on increasing student success by helping students develop meaningful educational plans that are compatible with their educational, career and life goals.

The outreach efforts offered through the College’s Educational Planning Services are designed to engage and connect students to the College and encourage their success. Although students are ultimately responsible for making decisions about their educational goals and for ensuring that all degree requirements are met, an Educational Planner plays an important role by offering informed advice about student’s program, the LaGuardia community, by serving as a major campus resource for students, and by referring students to appropriate campus support services and programs.

Educational Planners also help students develop decision-making skills by encouraging them to formulate short, medium, and long-term educational plans consistent with their evolving career goals.

The Educational Planning Services are guided by the belief that:

• students have a desire to learn;
• students are responsible for their own behavior;
• students can be successful as a result of their individual goals and efforts;
• students hold their own beliefs and opinions; and,
• Students’ learning needs vary according to individual skills, goals and experiences.

Enrollment Services Center hours are:
Monday thru Thursday: 9:00 AM to 7:30 PM
Friday: 9:00 AM to 4:30 PM
Saturday: 9:00 AM to 3:30 PM

Evening & Weekend Student Services

Evening and Weekend Student Services are an integral part of the Educational Planning Services. The services work to ensure that the quality of the evening and weekend student experience at LaGuardia is of the highest caliber. The primary objective of the services is to provide programs and services, which help evening and weekend students make the transition to college life, navigate processes and systems within the college, and connect with college resources as well as networks.

The Educational Planning Services provides an area where evening and weekend students can address their unique and special needs. Educational Planners serve as the student advocate and liaison between evening and weekend students, enrollment services, academic and student support services, and student development programs of the college. In addition, the Educational Planners assess evening and weekend student needs, individually and collectively, provide referrals, and help students make necessary connections to the college.

Please see office hours for “Educational Planning Services.”

Student Financial Services Resource Center (MB-58)

The Financial Aid Resource Center was established to encourage students to file their FAFSA electronically and also to help them access other financial aid information. Staff is available to answer their questions. Filing FAFSA online is immediate and prevents careless errors. Students may walk in and log on at www.fafsa.ed.gov to apply for financial aid or schedule an appointment for a “FAFSA on the Web Workshop” by calling (718) 482-7218 during office hours.

New York State residents can also link to the online TAP application form after completing their FAFSA. Students’ FAFSA data will already be pre-filled on their TAP application. Students must be sure to request a PIN# at www.pin.ed.gov. With their PIN number, they will also be able to check the status of their federal financial aid application; renew their FAFSA; complete Pre-Loan Entrance Counseling for Direct Loan; complete Pre-Loan and Exit Counseling for Perkins Loans; check their loan account information; and access Financial Aid history (transcript) via the National Student Loan Database System (NSLDS).

Office for Transfer Services, Room C-261

The Office for Transfer Services is a one-stop career center designed to offer assessment services, guide students through the career planning process, and provide students with the resources on occupational information, transfer opportunities and scholarship information. Counselors from the clusters that provide career counseling use the resources of the center, which houses computerized career guidance programs, transfer resources, including four-year colleges catalogs and guide books, videos and transfer applications for CUNY and SUNY institutions. Computerized scholarship databases are available to students interested in financing their education at LaGuardia and upon transfer to senior colleges. Occupational information is available through printed and computerized software.

All students are welcomed to use the office’s resources by appointment or on a walk-in basis. For additional information, call (718) 482-5185.

Office of Veterans Affairs

Office of Veterans Affairs, MB-10, provides a full range of counseling services for the veteran population. The Veterans Coordinator provides information regarding all of the benefits available to students and assists with any other problems encountered while attending the college.

Early Childhood Learning Center Programs, Inc.

The Early Childhood Learning Center Programs Inc., part of Student Development in the Division of Enrollment Management and Student Development, is located in room MB 09. The Early Childhood Learning Center programs provide child care for children ages 12 months to 12 years. The ECLC is located on campus and is a licensed child care facility, which provides a variety of quality educational programs to meet the needs of both the child and student parent. We offer infant, toddler, early childhood, universal pre-K, extended day, weekend programs and summer camp for the children of LaGuardia students. Our team of professional educators provides a warm and nurturing environment to help parents feel that they are part of the ECLC family.

For more specific information, contact the Early Childhood Learning Center Programs, located in Room MB-09, or call (718) 482- 5295.

Health Services MB 40 (718) 482-5280

The Health Services Center, which is a unit under the Division of Enrollment Management and Student Development, exists for the purpose of assisting students in matters pertaining to health prevention and the early recognition of illnesses and diseases. We are also able to provide emergency care for accidents and make appropriate referrals, when necessary, for follow-up care.

The Health Services Center is staffed by a Registered Nurse, one Family Nurse Practitioner (FNP), two Emergency Medical Technicians-D, a Health Care Assistant and a part time College Assistant. In addition, college interns, work-study students and volunteers assist with the delivery of services to the college community.

The Center’s services are available free of charge to the entire college community. The Health Education Learning Project Services (HELP) Program provides educational outreach activities, free counseling and testing for HIV/AIDS. The two EMT-D respond to all medical emergencies on campus. The Family Nurse Practitioner can diagnose and treat acute and/or chronic health care problems, order and interpret diagnostic lab tests as well as prescribe both pharmacologic agents and non-pharmacologic therapies. The Health Services Center also facilitates medical leaves of absence for students, provides over-the-counter medication, as well as provides blood pressure, glucose and cholesterol monitoring, and record keeping for students, faculty and staff.

The Health Services Center coordinates immunization compliance according to Public Health Law 2165 and 2167. The center provides clinics to administer the necessary Measles, Mumps and Rubella vaccines to ensure compliance and also provides information for students to obtain the vaccination free of charge at Department of Health Clinics around the five boroughs. Information about the NYS Public Health Law 2167 regarding meningococcal disease is available. It is mandatory for all students enrolled
Laboratory facilities
The Accounting and Managerial Studies Resource Center serves as an accounting tutorial lab, and also a center for the completion of the computerized components of accounting and managerial courses.

Adult Learning Center Lab helps students to improve their basic literacy and computer skills, or to prepare for GED exams.

Human Services Laboratory is used for supplemental activities for classes of the Human Services Program.

The Computer Information Systems Department has three labs: the Microcomputer Lab, providing the laboratory component for several introductory courses, the Computer Lab, focusing on computer use and programming beyond the introductory courses, and the New Media lab.

The English as a Second Language Lab provides large and small group tutoring for matriculated students taking ESL classes in the credit program. Large group tutoring is conducted on the assigned schedule. Individual or small group tutoring is conducted based on teachers’ referral or by special appointment.

The Humanities Department contains the following labs: Modern Language, Music, Piano, Music Center, Speech Center, Photography, Art, Painting and Drawing, Sculpture and Design.

The Mathematics Department houses a Mathematics Tutorial Lab and a Microcomputer Center. Basic skills students are scheduled to attend a lab tutorial for one hour per week. In addition, any student may drop in for tutorial assistance in the Microcomputer Center. Waiver exams, make-up exams, and retests of the CUNY mathematics assessment test are administered by staff in the Mathematics Tutorial Lab.

Instructional Services (formerly Academic Computing) oversees the administration of microcomputing laboratories located throughout the college. Twenty-four computer laboratories are available to students during the college’s normal operating hours on weekdays and Saturdays.

The Natural and Applied Sciences Department administers fourteen laboratory facilities located throughout the college.

The Reading Lab of the Communication Skills Department is required for all developmental reading courses; in addition, the lab is a resource center to help students in reading and study skills on their request.

The Veterans Center Lab is required for the program’s non-credit courses. All issues are discussed in confidence. If at all possible, a student’s name will be revealed only with permission in order to gain information in the efforts to assist. The officer can be reached via e-mail at Harriet@lagcc.cuny.edu.

Student Ombuds Office Room C-317 (718) 482-5414
The Students Ombuds Officer has the responsibility to document students’ issues for appropriate referral and recommendation. Not all issues may be resolved to the satisfaction of the student, but where it is justified, the college will respond.

All issues are discussed in confidence. If at all possible, a student’s name will be revealed only with permission in order to gain information in the efforts to assist. The officer can be reached via e-mail at the Student Ombuds Office Room C-317.

Library Media Resources Center
In the complex world of ever-increasing information and new technology, every student at LaGuardia needs access to a dynamic, up-to-date collection of information resources and materials. LaGuardia’s library provides quick, easy and efficient access to books, media and periodicals via an online catalog, CUNY+Web, a web-based library system. In addition, the library offers access to electronic databases, which include encyclopedias, full text articles from magazines, journals, newspapers, documents and primary source materials in areas of education, humanities, literature, law, allied health, business, and careers. All of these electronic resources can be accessed off campus but will require a login procedure, using student and faculty email account information.

The library offers a book collection of over 110,000 volumes, 10 percent of which constitute a rich core collection of reference works on a variety of subjects. The library also maintains a large collection of magazines and newspapers with information on current events, new social issues, and people in the news. Currently, the library subscribes to almost 800 magazines, journals and newspapers.

The non-print media collection of 5,400 items includes audiovisual programs in a variety of formats: DVD, CD, film, video, videodiscs, computer software, cassette tapes, records and compact discs, which provide an audiovisual key to learning about and interacting with the larger world. Viewing and listening stations in the Media Lab are available for group or individual access to audiovisual programs in the collection.

The library’s holdings also include textbooks, assigned course readings, career information, study aids, research material, pamphlet files and government documents. LaGuardia is a partial Federal Depository Library for selected documents published by various Federal agencies and departments. The Library’s College Archives houses important documents related to the governance of the college and its history, for example, Board of Trustees materials, union agreements, the college budget, the student newspaper and yearbooks.

To encourage the widest possible use by students, the library uses the open-stack system, which permits users direct access to the collection.

A team of fourteen faculty, four college laboratory technicians, and several support staff members link the user with the library’s vast resources for research and educational development.

Library faculty provide one-on-one instruction at the Reference Desk and teach information-gathering skills through the library’s various user-education programs. These include tours, small group orientation, course-related/course-integrated library instruction, and two liberal arts courses on methods of research. The Library’s three credit course (LRC 102) is an in-depth exploration of research methods and information sources enabling students not only to find information, but more importantly, to critically evaluate and select what they need from the vast array of materials at their disposal.

The Library’s one credit course (LRC103) addresses web searching and the critical evaluation of web resources.

All members of the LaGuardia community are encouraged to use the Library’s services. The validated, bar-coded LaGuardia ID serves as a library card for LaGuardia’s Library and other CUNY libraries. The Library is open each day of the week except designated holidays during the academic year. Library hours are posted each month at the entrance door and on its website. For additional information, please call the circulation desk at (718) 482-5426 or visit the Library’s website at: <www.lagcc.cuny.edu/library>
Office of Student Life

(718) 482-5190
The Office for Student Life, part of Student Development in the Division of Enrollment Management and Student Development, is located in room M115. Almost every college-wide event that occurs at LaGuardia has the involvement of the Student Life Office. From First Year Experience at Opening Sessions, to Honors Night and the Commencement ceremony, Student Life is your partner throughout your college experience. From entertaining social activities to engaging intellectual, social and emotional development, Student Life can offer you opportunities that will improve your skills, increase your enjoyment of college life, and help you discover the joy in your most important asset—you. Information concerning activities can be obtained at the Student Life Office, Monday - Friday in M-115. Here are just a few of the programs and services offered:

Multi-Cultural and Social Events

Room M-115 (718) 482-5190
LaGuardia prides itself on being a pluralistic family. The LaGuardia community comes from more than 140 countries and regions of the world and speaks more than 75 languages. We not only respect each other's differences, but we learn from our diversity. Student Life celebrates this vision of rich international diversity through various social gatherings such as concerts, theatrical productions, cultural seminars, dances, talent and fashion shows, to name just a few. Students experience the wide diversity of cultures and customs that enrich LaGuardia and make it unique.

Clubs and Organizations

Room M-115 (718) 482-5190
The formation of clubs depends upon the interests of students involved. Club members plan and implement social, cultural, educational and creative ventures outside the classroom. New clubs are organized through the Student Advisory Council. An average of twenty-seven clubs and organizations are chartered within the college. The organizations stem from the social, academic and cultural interests of our students. In addition, if you want to start your own club, you will be provided with the necessary assistance for its development. Here is a listing of some of the clubs presently active: Actors and Directors, African, Alpha Beta Gamma, Amnesty International, Bachata-Merengue, Bangladesh, Black Student Union, Breakdance, Chinese, Christian, Circle K, Columbian Culture, Dominican, Ecuadorian, Filipina, Haitian, Human Services, International Business, International Studies, International Youth Fellowship, Japanese, King Wallenberg Law Society, Lyricists Lounge, Korean, Math & Science, Mambo-Salsa, Muslim Student Association, Nursing, Occupational Therapy Assistant, Pakistan Student Association, Peruvian, Phi Theta Kappa, Physical Therapy Association, Psychology, Rock Musicians Society, Straight and Gay Alliance.

The LaGuardia Yearbook

Room M-115 (718) 482-5190
The Yearbook, published annually by the Office of Student Life, contains pictures and chronicles services, achievements and events involving the entire college community. For more information on how to become involved in any of the organizations, please contact the Office of Student Life at (718) 482-5190.

Student Government Association

Room M-160 (718) 482-5297
Student Government is an organization elected by students to represent the student body to the administration of the college, faculty, student organizations and the general college community. Elections are held annually. Student Government consists of 12 elected student members (Governors) selected through a democratic voting process open to the entire student body, which is coordinated by the Office of Student Life. Student Government also sponsors a variety of institutional functions and activities in order to create services that will benefit the student body and enhance the entire college community.

Office of Student Life

(718) 482-5145 or visit Room M-166.

Student with Disabilities (OSD) Under Section 504 of the Federal Rehabilitation Act of 1973 and the Americans with Disabilities Act of 1990, LaGuardia Community College has an implicit responsibility to ensure that students with disabilities have equal access to its programs and services, and that the rights of students with disabilities are not denied. The Office for Students with Disabilities (OSD) provides advocacy to ensure access to all college programs and facilitates the transition to college life for students with disabilities. Students can be assessed for learning disabilities. All students are required to register with supporting documentation. Appropriate accommodations and services are determined and may include academic, career and personal counseling, academic advisement and registration, and support services such as readers, notetakers, tutors and proctoring exams for students. Students with a disability should self-identify subsequently with the Office of Students with Disability, located in M-102, in order to take advantage of these services.

If you are a student with a disability requiring an accommodation to gain access to a program or service or feel that your rights as a student with a disability are being denied, please contact the Office of Students with Disabilities. All information is treated confidentially.

Coordinator for Services for Students with Disabilities
The counselor is available to assist you with academic, personal, and career issues. The counselor will also facilitate your accommodation needs, including arrangements for advisement and registration. The counselor also functions as a liaison between the student and state agencies. Please call (718) 482-5279.

The Learning Project
The Learning Project is a grant-funded program designed to assist credit students with learning disabilities. The learning disabilities specialist will prepare letters of accommodation, arrange for support services (tutors and notetakers), and proctors as indicated. Please call (718) 482-5279.

The Program for Deaf Adults (PDA)
Under the Program for Deaf Adults, students who are deaf or hard of hearing are provided with support services. These services include academic advisement, registration assistance, interpreters, testing, accommodation, tutoring and notetaking. Please contact the Program for Deaf Adults, C-203, or call (718) 482-5325 (TTY) or (718) 482-5324 (voice).

Section 504/ADA Coordinator
The Section 504/ADA Coordinator is available to inform you of your rights as a student with a disability. If your wish to file a grievance or complaint based on being discriminated against because of your disability or to receive information regarding Section 504 of the Federal Rehabilitation Act of 1973 or the Americans with Disabilities Act of 1990, please contact the Section 504/ADA Coordinator, Matthew S. Joffe, at (718) 482-5278.

Leadership and Diversity Program
The Leadership and Diversity Program is a Student Development initiative in collaboration with Academic Collaborative Programs. The Leadership and Diversity Program offers interactive skill-based co-curricular sessions for students and sponsors an annual on-campus student leadership conference. The Program also engages students through academic coursework and co-curricular learning sessions. Students have the opportunity to acquire skills to help them succeed in life, determine their professional strengths, meet and work with faculty and professional staff and to become part of a new community. Students who successfully complete the program receive a specialization noted to their academic transcript.

Regulations in assisting and advising students. All F-1 students are required to report to the International Student Services Office in order to maintain such records. The office has general responsibility for the adjustment to college life of students from outside the U.S. Services include news of special social and educational opportunities, orientation to the U.S., F-1 visa advisement, foreign exchange clearance, foreign military draft deferments, full-time student status verifications, and housing and health insurance information. Please call (718) 482-5145 or visit Room M-166.
Phi Theta Kappa International Honor Society  
Room MB-46 (718) 482-5225  
Phi Theta Kappa was established in 1918 as the National Honor Society of community colleges and subsequently became an International Honor Society. The Greek letters of Phi Theta Kappa symbolize wisdom, aspiration and purity. The purpose of Phi Theta Kappa is to nurture academic excellence, to provide opportunities for leadership training, to promote an intellectual climate for the interchange of ideas and ideals, and to instill the desire for lifelong learning. Invitations to become Phi Theta Kappa members are extended to LaGuardia students who have a cumulative grade point average of 3.50 or higher based on 12 or more completed credits. Applications for membership in the LaGuardia Chapter and/or further information can be obtained by visiting the Honors House in Room MB46, calling (718) 482-5225, or visiting www.lagcc.cuny.edu/honors/ptk.htm.  

The Student Center for Women  
M-114 (718) 482-5188  
Email: womencenter@lagcc.cuny.edu  
The Center provides supportive and educational services to promote the cognitive, emotional and physical growth of women so that they may become active and productive members of their communities and in society-at-large. Through workshops, lectures, cultural presentations, brief intervention sessions, and group meetings, our mission is to educate the LaGuardia student body about important issues that impact the lives of women of all races, nationalities, ages, abilities, and orientation. The Center serves as both a learning environment—a place where women can find out and learn more about women, the history of women, the roles women have played in shaping our culture, and the impact of oppressive forces in the lives of diverse women, as well as a service center where referrals, brief Intervention sessions and support are available on a range of issues including relationship abuse and domestic violence. The Student Center for Women is committed to serving all LaGuardia students without regard to gender, race, religion, sexual orientation or physical ability.  

◆Department of Recreation  
Room MB-31 (718) 482-5044  
The Department provides a wide variety of leisure-time experiences for the entire college population. The programs are designed to include many kinds of activities throughout the day, evening, and on weekends. A validated, degree-student ID card or a Recreation Pass is the “membership” card to the facility. Recreation Passes are available at LaGuardia faculty and staff, Continuing Education students, Alumni and community guests. Passes may be obtained at the Bursar’s Office or gym control desk when the Bursar’s Office is closed.  

The facility, located in the basement level of the Main Building, includes a multi-purpose sports gymnasium that is equipped to accommodate at different times: two regulation basketball courts, an indoor soccer field, two volleyball courts, and three paddle/handball courts. A six-lane, NCAA regulation size swimming pool and adjacent movement studio are located in the E Building.  
The sports gymnasium is complemented by a game area for backgammon, chess, checkers and table tennis, located in the lobby outside the main gym entrance. Equipment for these games may be obtained at the gym control desk. The locker complex consists of large daily lockers and separate men's and women's showers and bathrooms. The equipment check-out is located immediately inside the entrance to the sports gymnasium facility.  
The Recreation Department is divided into multiple categories:  

The Fitness Center  
The Fitness Center is equipped with Cybex and Universal machines, free weights, treadmills, elliptical cross trainers, stair climbers, and stationary bikes. The Fitness Center is accessible to people in wheelchairs, and is also open to business and community members. Our trained staff will help you to set and achieve your goals.  

Group Fitness Classes  
The Movement Studio, located next to the pool, offers a variety of cardiovascular conditioning, strength/toning, flexibility, and mind/body classes. Group fitness classes are offered five days a week and they include Middle Eastern Dance, Step Aerobics, Pilates, Express Fitness, Body Sculpt, Tai Chi Ch’uan and Hatha Yoga.  

Sport and Fitness Workshops  
The workshop series provides professional instruction in such activities as basketball for kids, in-line skating, tennis instruction and soccer for kids, as well as Personal Fitness Strategy. 

Instruction provides a range of skill levels from beginner to advanced. Registration for all workshops takes place at the gym control desk, pool, or Fitness Center.  

Intramural Sports Activities and Special Events  
The Intramural Program provides competitive recreational experiences in a variety of individual and team sports. Tournaments and special events include handball, table tennis, basketball and indoor soccer. Students may compete in these activities or participate as coaches, officials, statisticians or timekeepers. Awards are presented to intramural champions at the conclusion of the event.  

Open Recreation  
A portion of the Sports Gymnasium and Fitness Center is regularly scheduled for walk-in recreation for students and members. Some of the activities available are basketball, volleyball, soccer, handball, weight training, and table tennis. A validated student ID card or Recreation Pass allows the equipment to be checked out for use in the Sports Gymnasium or Fitness Center.  

Swimming Pool  
Our indoor, 25-yard, six-lane swimming pool is available seven days per week year round, staffed by certified aquatic specialists. Qualified instructors teach all levels of ability, ranging from beginner to advanced certification courses.  

Swim on your own during lap swim and open swim times, or take advantage of one of our classes to improve your swimming stroke, and increase your stamina. Whatever your goal, you’ll leave us relaxed and refreshed.  

Announcement and Publicity  
Information governing hours of operation, scheduling, programs and activities is available at the gym/pool control desk, and the Recreation Office, room MB-31, and on various bulletin boards posted throughout the college.  
Recreation Office (718) 482-5044; Sports Gymnasium (718) 482-5043; Fitness Center (718) 482-5063; Pool (718) 482-5038.  

◆LaGuardia Performing Arts Center  
Room E-241 (718) 482-5151  
The LaGuardia Performing Arts Center (LPAC), located on the main campus of LaGuardia Community College, is committed to presenting culturally and ethnically diverse programming of the highest quality for the college community, residents of Western Queens and the tri-state area.  

With technical features that rival those of many theaters in Manhattan, and a location which makes its easily accessible from Midtown, LPAC - the largest theater of its kind in Western Queens - has found its place within the city's rich array of cultural resources.  

LPAC has an extensive history of providing opportunities for children and families to gain a theater experience and build a tradition of art appreciation that will flourish for years to come. New initiatives have begun in programming for adults that will make ethnically diverse celebrities accessible to audiences that would not otherwise have the opportunity to experience a world-class concert in a state-of-the-art theatre. These goals are accomplished through a policy of professional artistic standards, community outreach and service, and low ticket prices.
LPAC consists of a 740-seat state-of-the-art proscenium theatre, a 220-seat multi-purpose theatre, as well as exhibition space. The facilities are used by the students, faculty, staff and alumni of the college for a variety of cultural activities.

Each season, LPAC presents the following series/programs:

Performance Planet: The Music Series for All People. In celebration of the rich cultures that make Queens one of the most diverse regions in the country, this multicultural music series presents upcoming and well-known international artists in concert throughout the year.

The Spirit of the Art Enrichment Series: In this unique program that creates an experience beyond the performance, audiences are given the opportunity to interact with the artist in a variety of settings including specially designed sessions and seminars.

Jazz Jam Series: In the tradition of spontaneous open jam sessions, Jazz Jam affords musicians of all ages and levels of experience the chance to come together to play improvisational jazz in an intimate theatre setting. Each season features a well-known artist as a special guest.

Weekend Family Series: National and local companies present theatre, dance, and music in one-hour weekend matinees for audiences of all ages at affordable prices.

Schooltime Series: With each performance specifically geared toward age groups within the pre-K through high school range, the series offers a season of theatre, dance, and music to teachers for students of all ages.

Lunchtime Series: Free concerts by local artists are presented during lunchtime in a relaxed, café-style atmosphere. The series is open to the entire community.

Rentals: LPAC's facilities are available to arts groups, businesses, and community groups at reasonable rates that include technical and house support.

Arts Administration Certificate Program: Offered through the LaGuardia Performing Arts Center and the Division of Adult and Continuing Education, the program is for those students who want to begin exciting careers in arts administration or for those who want to sharpen their skills within the field.

For more information about programs, performances, and rentals and to be included on LPAC's mailing list, please call 718-482-5151. Be sure to ask about our discounts.
LaGuardia Community College Administration

Office of the President
Dr. Gail O. Mellow, President
Audrey Harrigan, Executive Associate to the President
Rosemary Talmadge, Special Assistant to the President for Organizational Development
Jemma Robain LaCaille, Labor and Legal Designee
Irma F. Lynch-Patterson, Affirmative Action Officer
Jose Orengo, Executive Director for Advancement

Directors:
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Barbara Carson, General Manager LaGuardia Performing Arts Center
William D. Freeland, Director of Communications
Robert M. Kahn, Director of Grants Development
Vacant, Director of Legislative and Community Relations

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Paul Arcario, Dean
Marcia T. Caton, Assistant Dean for Academic Affairs
Bret Eynon, Assistant Dean for Teaching and Learning
Stephen S. Greenfeld, Assistant Dean for Academic Support Services and Special Programs
Bruce Hoffacker, Executive Associate to the Vice President
Ada Bedor, Acting Director, COPE Program
Vincent Bruno, Director of First-Year Programs
Steve Dauz, Director of Second-Year and Retention Programs
M. Reza Fakhari, Director of Honors and International Programs
Arlene M. Kahn, Director, School/College Collaborations
Richard K. Lieberman, Director, LaGuardia & Wagner Archives

Faculty Chairpersons
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Sandra Dickinson, Humanities Department
Joan Edmonds-Ashman, Counseling Department
Ann Feibel, Natural and Applied Sciences Department
Kathleen Forestieri, Accounting/Managerial Studies Department
Kamal Hajallie, Mathematics Department
Sandra S. Hanson, English Department
Rick Henry, Coordinator, English as a Second Language Program
Doreen Kolomeechuk, Cooperative Education Department
Aaron Listhaug, Principal, Middle College High School
Gerald H. Meyer, Computer Information Systems Department
Bruce Noble, Principal, Robert F. Wagner, Jr. Secondary School for Arts and Technology
Lee Pan, Principal, The International High School
Lily Shohat, Social Science Department
Hannalyn Wilkens, Communication Skills Department

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Peter Jayasekara, Interim Environmental Health and Safety Officer
Eileen M. Murray, Director of Administrative and Support Services
Richard Ka-Shain Ng, Interim Campus Facilities Officer
Edward R. Sisco, Director of Safety and Security

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Tony Allicino, Director, Program for Deaf Adults
Christine Alvarez, Director, Pre-Hospital Care Programs
Victoria Badalamenti, Director, The English Language Center
Claudia Baldoncino, Director, Employment and Career Services Center
Marian Blaber, Director, CUNY Language Immersion and College Prep Programs
Allen Cohen, Director, Career & Professional Programs
Mae Dick, Director, Adult Learning Center
Samuel Farrell, Director, Center for Veterans, Youth and Adults and Center for Community Education
Rosa A. Figueroa, Director, Small Business Development Center
Alexis Frazier, Director, College for Children
John Garcia, Director, Administrative Services and Program Operations

Judith Gazzola, Director, Adult Career Counseling and Resource Center
Mary Howard, Director, New York Designs, Business Incubator
Soma Kurien, Senior Administrator, Center for Immigrant Education and Training
Janice Kydd, Director, Family Institute for Education, Training, Employment and Research
John Lagamjis, Database/Tech Support Manager
John Paternoster, Director, Employment Services and Placement
Timothy Rucinski, Director, Center for Corporate Education
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How to Get Here

By Subway
Via 7 Train: Get off at 33rd Street station. Walk two blocks westbound to Thomson Avenue, and Van Dam Street.

Via E, V & R Trains: Get off at Queens Plaza Station and exit the station at Jackson Avenue and Queens Boulevard exits. Walk over the Queens Boulevard Bridge (over the Sunnyside train yards) until you reach the corner of Van Dam Street and Thomson Avenue.

Via G Train: Get off at Court Square Station (at the Citicorp Building). Walk across the Thomson Avenue Bridge.

Via N & W Trains: At Queensboro Plaza station transfer to 7 Train (Local to Main Street) and get off at the 33rd Street station. Walk two blocks westbound to Thomson Avenue and Van Dam Street.

Via the Long Island Railroad: Take the LIRR to Hunters Point Station, transfer to a Flushing-bound local 7 train and get off at 33rd St. Or, alternatively, take the LIRR to Woodside Station, transfer to a Manhattan-bound local 7 train and get off at 33rd St.

By Bus
From Queens: Take the Q60 or Q32 to Queens Boulevard and Skillman Avenue. Walk one block west to corner of Van Dam Street and Thomson Avenue.

OR Take Q39 to Thomson Avenue and Van Dam Street.

From Brooklyn: Take the B61 to the Citicorp Building in Long Island City. Walk across the Thomson Avenue Bridge.

From Manhattan: Take the Q32 bus along Madison Avenue and across 59th Street. Get off at the intersection of Queens Boulevard and Skillman Avenue and walk one block to the intersection of Thomson Avenue and Van Dam Street.

By Car
The College Campus is located on Thomson Ave., between Van Dam Street and Skillman Avenue, except for the L Building, which is between Van Dam and 32nd Place. See the above map to locate specific buildings.

From Queens: Take the Long Island Expressway west to the Van Dam St. exit. Make a right at the light and go to Thomson Ave., where you make a left.

From Brooklyn: Take the Brooklyn-Queens Expressway north to the Long Island Expressway exit (toward the Midtown Tunnel). Exit at Van Dam St. Make a right at the light and go to Thomson Ave., where you make a left.

From the Bronx: Take the Triboro Bridge to the Brooklyn-Queens Expressway south. Exit at Queens Blvd. west and, when Queens Blvd. forks, turn left onto Thomson Ave.

From Manhattan: Take the 59th Street Bridge to Queens Blvd. and follow signs to the college.
### Fall Semester - Session I

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>8/29</td>
<td>First official day of Coop Internship</td>
</tr>
<tr>
<td>8/30</td>
<td>Start of the Fall Semester</td>
</tr>
<tr>
<td>9/1</td>
<td>Opening Sessions for Faculty and Staff</td>
</tr>
<tr>
<td>9/2</td>
<td>Opening Sessions for New Students</td>
</tr>
<tr>
<td>9/6</td>
<td>First Day of Week-day Fall Classes - Session I</td>
</tr>
<tr>
<td>9/7</td>
<td>100% Tuition Refund</td>
</tr>
<tr>
<td>9/9</td>
<td>Last Day to Add a Course or Change a Course Section</td>
</tr>
<tr>
<td>9/10</td>
<td>First Day of Saturday Fall Classes - Session I</td>
</tr>
<tr>
<td>9/11</td>
<td>First Day of Saturday Fall Classes - Session I</td>
</tr>
<tr>
<td>9/13</td>
<td>Honors Night</td>
</tr>
<tr>
<td>9/17</td>
<td>No Classes</td>
</tr>
<tr>
<td>9/20</td>
<td>Commencement - Evening Classes only/Classes begin after 4:35 pm</td>
</tr>
<tr>
<td>9/22</td>
<td>*Last Day to Drop a Course and you may be eligible for a tuition refund/Census Day</td>
</tr>
<tr>
<td>9/27</td>
<td>Last Day to apply for Graduation</td>
</tr>
<tr>
<td>9/28</td>
<td>Last Day to apply for Nursing, Occupational Therapy, Physical Therapist, Veterinary Technology Candidacy</td>
</tr>
<tr>
<td>10/3</td>
<td>Day Classes Only/Classes begin after 4:35 pm</td>
</tr>
<tr>
<td>10/4</td>
<td>No Classes</td>
</tr>
<tr>
<td>10/5</td>
<td>No Classes</td>
</tr>
<tr>
<td>10/10</td>
<td>No Classes</td>
</tr>
<tr>
<td>10/12</td>
<td>Day Classes Only/Classes begin after 4:35 pm</td>
</tr>
<tr>
<td>10/13</td>
<td>No Classes</td>
</tr>
<tr>
<td>10/20</td>
<td>**Last Day to officially withdraw from a course with a “W” grade</td>
</tr>
<tr>
<td>11/24</td>
<td>No Classes</td>
</tr>
<tr>
<td>11/27</td>
<td>Evening Classes only/Classes begin after 4:35 pm</td>
</tr>
<tr>
<td>12/4</td>
<td>Last Day of Classes</td>
</tr>
<tr>
<td>12/8</td>
<td>100% Tuition Refund</td>
</tr>
<tr>
<td>12/9</td>
<td>No Classes - Reading Day</td>
</tr>
<tr>
<td>12/10</td>
<td>No Classes</td>
</tr>
<tr>
<td>12/16</td>
<td>Last Day of Coop Internship</td>
</tr>
<tr>
<td>12/19</td>
<td>First Official Day of Coop Internship</td>
</tr>
<tr>
<td>1/2</td>
<td>First Day of Week-day Fall Classes - Session II</td>
</tr>
<tr>
<td>1/4</td>
<td>First Day of Week-day Fall Classes - Session II</td>
</tr>
<tr>
<td>1/5</td>
<td>100% Tuition Refund</td>
</tr>
<tr>
<td>1/9</td>
<td>50% Tuition Refund</td>
</tr>
<tr>
<td>2/1</td>
<td>Last Day to Add a Course or Change a Course Section</td>
</tr>
<tr>
<td>1/7</td>
<td>First Day of Saturday Fall Classes - Session II</td>
</tr>
<tr>
<td>1/8</td>
<td>First Day of Sunday Fall Classes - Session II</td>
</tr>
<tr>
<td>1/10</td>
<td>25% Tuition Refund</td>
</tr>
<tr>
<td>1/16</td>
<td>No Classes</td>
</tr>
<tr>
<td>1/17</td>
<td>*Last Day to Drop a Course and you may be eligible for a tuition refund/Census Day</td>
</tr>
<tr>
<td>1/18</td>
<td>Classes will meet according to a Monday Schedule</td>
</tr>
<tr>
<td>1/26</td>
<td>**Last Day to officially withdraw from a course with a “W” grade</td>
</tr>
<tr>
<td>2/1</td>
<td>No Classes</td>
</tr>
<tr>
<td>2/3</td>
<td>No Classes</td>
</tr>
<tr>
<td>2/7</td>
<td>First Day of Fall Classes - Session II</td>
</tr>
<tr>
<td>2/16</td>
<td>Last Day of Fall Classes - Session II</td>
</tr>
<tr>
<td>2/17</td>
<td>No Classes - Reading Day</td>
</tr>
</tbody>
</table>

### Spring Semester - Session I

<table>
<thead>
<tr>
<th>Date</th>
<th>Event</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/1</td>
<td>Start of the Spring Semester</td>
</tr>
<tr>
<td>3/2</td>
<td>Opening Sessions for Faculty and Staff</td>
</tr>
<tr>
<td>3/3</td>
<td>No Classes</td>
</tr>
<tr>
<td>3/4</td>
<td>First Day of Sunday Spring Classes - Session I</td>
</tr>
<tr>
<td>3/6</td>
<td>First Day of Week-day Spring Classes - Session I</td>
</tr>
<tr>
<td>3/10</td>
<td>First Official Day of Coop Internship</td>
</tr>
<tr>
<td>3/12</td>
<td>100% Tuition Refund</td>
</tr>
<tr>
<td>3/14</td>
<td>75% Tuition Refund</td>
</tr>
<tr>
<td>3/15</td>
<td>Last Day to Add a Course or Change a Course Section</td>
</tr>
<tr>
<td>3/17</td>
<td>First Day of Saturday Spring Classes - Session I</td>
</tr>
<tr>
<td>3/18</td>
<td>No Classes</td>
</tr>
<tr>
<td>3/22</td>
<td>Last Day to Drop a Course and you may be eligible for a tuition refund/Census Day</td>
</tr>
<tr>
<td>3/23</td>
<td>Last Day to apply for Graduation</td>
</tr>
<tr>
<td>3/24</td>
<td>Last Day to apply for Nursing, Occupational Therapy, Physical Therapist, Veterinary Technology Candidacy</td>
</tr>
<tr>
<td>4/10</td>
<td>No Classes</td>
</tr>
<tr>
<td>4/16</td>
<td>No Classes</td>
</tr>
<tr>
<td>5/3</td>
<td>**Last Day to officially withdraw from a course with a “W” grade</td>
</tr>
<tr>
<td>5/9</td>
<td>No Classes</td>
</tr>
<tr>
<td>6/5</td>
<td>Last Day of Spring Classes - Session I</td>
</tr>
<tr>
<td>6/6</td>
<td>No Classes - Reading Day</td>
</tr>
<tr>
<td>6/13</td>
<td>Last Day of Coop Internship</td>
</tr>
<tr>
<td>6/16</td>
<td>Grades Due by 12 Noon</td>
</tr>
<tr>
<td>6/18</td>
<td>Last Day of Coop Internship</td>
</tr>
<tr>
<td>6/19</td>
<td>First Official Day of Coop Internship</td>
</tr>
<tr>
<td>6/27</td>
<td>First Day of Week-day Spring Classes - Session II</td>
</tr>
<tr>
<td>7/1</td>
<td>First Day of Saturday Spring Classes - Session II</td>
</tr>
<tr>
<td>7/2</td>
<td>First Day of Sunday Spring Classes - Session II</td>
</tr>
<tr>
<td>7/4</td>
<td>No Classes</td>
</tr>
<tr>
<td>7/10</td>
<td>100% Tuition Refund</td>
</tr>
<tr>
<td>7/19</td>
<td>*Last Day to officially withdraw from a course with a “W” grade</td>
</tr>
<tr>
<td>8/8</td>
<td>Last Day of Spring Classes - Session II</td>
</tr>
<tr>
<td>8/9</td>
<td>No Classes - Reading Day</td>
</tr>
<tr>
<td>8/10</td>
<td>Final</td>
</tr>
<tr>
<td>8/18</td>
<td>Grades Due by 12 Noon</td>
</tr>
<tr>
<td>8/25</td>
<td>Last Day of Coop Internship</td>
</tr>
</tbody>
</table>

*Drop - Students may drop courses through the Census day of a session, not receive a grade, and may be eligible for a partial tuition refund.

**Withdraw - Students may withdraw from classes after the Census date through this date, receive a “W” grade that is not calculated in the GPA. Students who officially withdraw from a course are NOT eligible for a tuition refund.

Catalog Production Manager:
Michelle Smalls, Office of Communications

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