Visitors are welcome at the College, and our website, www.hcc.commnet.edu

Administrative offices are open from 8:30 am until 4:30 pm Monday through Friday. Some offices are open evenings. Other evening hours are available by appointment. Hours of the summer session are published in the summer session class schedules. The evening Division is open until 9:30 pm when classes are in session.

Catalog Information

While every effort has been made to ensure the accuracy of the information provided, Housatonic Community College reserves the right to make any changes at any time without prior notice. The College provides catalog information solely for the convenience of the reader and, to the extent permissible by law, expressly disclaims any liability that may otherwise be incurred. The catalog cannot be considered as an agreement or contract between individual students and the College or its administration.

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<td>Jessica Wolf</td>
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For individual program advisors, please see the Student Handbook.

Cover illustration by Joe DiLeonardo, HCC art student
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Photograph by HCC student, Karen Rissolo
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**WINTER 2002**

| Classes begin | Thursday, December 26 |
| New Year's Day - College closed | Wednesday, January 1 |
| Last day of classes & exams | Thursday, January 16 |

**SUMMER 2003**

| Session I (8-weeks) | Monday, June 2 - Thursday, July 24 |
| Session II (1st 5 weeks) | Monday, June 2 - Thursday, July 3 |
| Session III (2nd 5 weeks) | Monday, July 7 - Thursday, August 7 |
| College closed | Friday, July 4 |

No classes February 17, March 17 - 23, April 17 - 20 and May 6 & 7
ROLE AND SCOPE

Housatonic Community College serves an eleven-town area in Southwestern Connecticut, centering around the City of Bridgeport, Connecticut's largest city. A member of the Connecticut Community-Technical College system, the College was founded in 1967. In 1997, the College moved to its present site in downtown Bridgeport with a state-of-the-art campus. The Housatonic Museum of Art and Sculpture Garden are part of the teaching mission of the College. With nearly 4000 works in the collection, and over 500 displayed throughout the building, the museum offers lectures, demonstrations, and changing exhibitions in the Burt Chernow Galleries.

Housatonic is accredited by the New England Association of Schools and Colleges and the Board of Governors for Higher Education of the State of Connecticut.

In response to community and student need and desire for personal enrichment, Housatonic offers Associate degree programs in preparation for transfer to four-year institutions, as well as occupationally-oriented Associate degree and Certificate programs. Short-term, non-credit courses, seminars and workshops, as well as targeted student services also help satisfy community and personal enrichment needs. These programs prepare students for employment, and advancement in business, industry, allied health, early childhood education, natural sciences, computer arts and information systems, and human services.

Housatonic strives to provide high quality, accessible instructional and student services within an environment of mutual respect among faculty, staff, and students. These services are provided through an open-door admissions policy, at low cost in a variety of settings, and through a variety of methods and approaches.

Special support services responding to student and community need include disabilities support services, career and transfer counseling, a TRIO grant-funded program for disadvantaged students, academic support and tutoring, library facilities and instruction, English as a Second Language programming, and an array of student activities, including The Women’s Center.

The student body continues to grow and reflect the diversity of the service region. Changes in student ages, educational goals, racial, ethnic, social, and economic diversity are responded to with flexibility and responsible adjustment in programs and services.

Outreach to the local community is part of the mission of the College. Non-credit courses, seminars, cultural events, and forums are designed to respond to specific learning needs and to stimulate community dialogue. Non-credit offerings focus on the rapidly changing nature and requirements of the workplace, as well as needs for personal enrichment.

Business and Industry Services assists local businesses and institutions to train and update the skills of their workers. The Southwest Area Health Education Center, hosted by the College, seeks to improve health care delivery and services to the under-served populations in Bridgeport and the surrounding towns.

ACADEMIC GOALS

Housatonic Community College is a two-year comprehensive community college authorized to award the Associate in Arts and Associate in Science degrees. Students are prepared to continue their education, and to transfer their credits to four-year institutions throughout the country. The career programs of the College prepare graduates for technical and semi-professional occupations in business, industry and the health services that ordinarily require no more than two years of collegiate study. All career curricula include a core of studies in liberal and general education as well as technical and occupational courses.

The College also offers a broad variety of certificate programs and program options to prepare students for employment or advancement in business, industry, allied health, and public service organizations. Special support services designed to help students succeed include Writing Across the Curriculum Center, Bilingual Transitional Program, a program for those with disabilities, a Special Services Program for the Disadvantaged, and free tutoring.

A highly qualified and committed faculty and staff provide these support and instructional services primarily at the main campus and other sites within the service area to meet educational needs.

Continuing Education

Housatonic sponsors Continuing Education, non-credit courses, seminars, cultural events, and forums designed to respond to specific learning needs of the citizens of its service area and to stimulate community dialogue. The majority of Continuing Education offerings are created to enhance the career potential of local citizens and often focus on the rapidly changing requirements of the workplace. For more information about Continuing Education programs, visit the website at www.hcc.commnet.edu or call (203) 332-5057 or (203) 332-5150.

Business and Industry

Service to the community is also provided by the Housatonic Community College Center for Business and Industry Services, which is part of the Business and Industry Services Network of Connecticut's community colleges. The network provides a state-wide link between business, industry, government and higher education. Housatonic's Center for Business and Industry Services offers a full range of education and training programs to meet the needs of business and industry in the region.

The Center offers needs assessments, customized training and retraining, on-site education and training including courses on specific topics, seminars and workshops, degree and certificate programs (credit and credit-free), distance learning, and grant writing assistance.

For information call the Center at (203) 332-5056.
ORGANIZATION

Housatonic Community College is one of 12* regional community-technical colleges in Connecticut. Each serves specific geographic areas and each offers some specialized degree and certificate programs.

The system was established under Public Act 330 enacted in 1965 and amended in 1989 when the separate community college and technical college systems were merged. One governing board, the Board of Trustees of Community-Technical Colleges, and one central administrative office oversee the 12 institutions.

*Currently the institutions are: Asnuntuck (Enfield), Capital (Hartford), Gateway (New Haven), Housatonic (Bridgeport), Manchester (Manchester), Middlesex (Middletown), Naugatuck Valley (Waterbury), Northwestern (Winsted), Norwalk (Norwalk), Quinebaug Valley (Danielson), Three Rivers (Norwich), and Tunxis (Farmington).

Housatonic's Administrative Officers:
The President: Dr. Janis M. Hadley
The Dean of Administration: Dr. Paul S. McNamara
The Academic Dean: Dr. Ruth K. MacDonald
The Dean of Outreach Services: Dr. Robert H. Thornton
The Dean of Students: Dr. Lisa M. Montgomery

About Housatonic

The Housatonic Community College Foundation, Inc.
The Housatonic Community College Foundation, Inc., was formed in 1990 by a group of Greater Bridgeport area residents to assist the College and its students beyond the fundamentals provided by the state, and to help the College grow as a unique resource. It provides resources for scholarships, equipment, community outreach, and for the art museum and its collection.

Through fund-raising efforts, the Foundation has awarded over $280,000 in scholarships and other assistance to Housatonic students, since its founding. It continues to seek ways to assist the College and to identify sources of additional funds. The Foundation is approved by the IRS as a tax-exempt organization. Contributions can be sent to:

HCC Foundation, Inc.
900 Lafayette Boulevard
Bridgeport, CT 06604-4704.

www.hcc.commnet.edu

THE COMMUNITY COLLEGE SYSTEM MISSION

Connecticut's Community Colleges are statewide leaders and partners in the academic, economic, and cultural lives of our communities, providing comprehensive, accessible, innovative, and affordable learning.

To realize this distinctive mission, the Community Colleges:

• Provide a broad range of credit and non-credit liberal arts and sciences, career, and technical, associate degree and certificate programs leading to transfer, employment, and lifelong learning;
• Promote learner success and inclusion through a stimulating, nurturing learning environment, high-quality instruction, support services, and co-curricular activities;
• Support economic development through partnerships with labor, business, industry, government and our communities, providing workforce development, business development and technology transfer;
• Build community through the sponsorship of intellectual, cultural, social and recreational events and activities;
• Engage students and community members to become active and responsible leaders in their communities.

ACCREDITATION

Housatonic is accredited by the Board of Governors for Higher Education of the State of Connecticut and by the New England Association of Schools and Colleges, Inc., a national, non-governmental organization whose affiliated institutions include elementary schools through institutions offering postgraduate instruction. Accreditation by the New England Association indicates that an institution meets or exceeds criteria for quality, institutional integrity, and continuity. Assessment is periodically reviewed through a peer group review process.

Inquiries regarding the status of an institution's accreditation by the New England Association should be directed to the administrative staff of Housatonic Community College or to the New England Association of Schools and Colleges, The Sanborn House, 15 High Street, Winchester, Massachusetts 01890, (617) 729-6760.

Housatonic Community College curricula are licensed and accredited by the Board of Governors for Higher Education of the State of Connecticut. The College is authorized to award the Associate in Arts and the Associate in Science degrees.

For accreditation for the following programs, see:

Clinical Laboratory Sciences .........page 35
Occupational Therapy Assistant ....page 47
Physical Therapist Assistant .........page 48
GENERAL PHILOSOPHY

Housatonic has an open-door admission policy limited only by available financial resources and space. The College provides educational opportunities to people regardless of age, religion, racial or ethnic backgrounds or disabilities.

Admission to some programs at Housatonic requires personal interviews and/or special academic background. The specific requirements of these programs are on the pages as follows:

- Clinical Laboratory Science........page 35
- Nursing........................................page 46
- Occupational Therapy Assistant......page 47
- Physical Therapist Assistant.........page 48

The Admissions Office assists anyone needing further program information. A personal interview is optional, and those who wish may make an interview appointment by contacting the Admissions Office.

Admission Requirements

If you plan to enroll at Housatonic Community College, you must be a graduate of an approved secondary school or hold a State Equivalency Certificate (GED). If you are a mature applicant who cannot meet these requirements, you may be given special consideration based on your qualifications and experience.

To apply for admission, you must:

1. Obtain an application from the Admissions Office or from a high school guidance office.
2. Return the completed application with a $20 non-refundable application fee to the Admissions Office. This fee is paid only once.
3. Submit an official copy of your high school transcript (sent from your high school) showing graduation, or a copy of your diploma, or a copy of your GED.
4. Submit an official transcript of previous course work to the Admissions Office if you have attended another post-secondary institution (college/training institute).
5. Provide proof of compliance with the Measles/Rubella Immunization policy. See below for complete information.

Admission Dates

Individuals interested in enrolling at HCC should apply for admission as early as possible. Students are admitted on a first-come, first-served basis.

Students entering Allied Health programs are admitted only for the Fall semester (see individual program descriptions) but may enroll earlier for their prerequisite academic core courses under the General Studies program.

Application forms and other information about applying for admission can be obtained from the Admissions Office by a personal visit to the office at 900 Lafayette Boulevard, visit our web site: www.hcc.commnet.edu, or by mail to:

Director of Admissions
Housatonic Community College
900 Lafayette Boulevard
Bridgeport, CT 06604-4704,
by calling 332-5100.

Placement Testing

Most first-time students admitted to HCC are required to take a placement test. This test, administered on a personal computer, is designed to provide information about basic academic skills in English and mathematics. This information assists students and the College in making decisions about placement in particular courses or about the course section suited to the student’s level of preparation. Test scores remain valid for two years without the student needing to be retested.

The following are required to take the test:

- All first-time students enrolled in a degree or certificate program;
- Any student who does not initially seek a degree or certificate but who registers for a course that would result in the accumulation of 12 or more credits;
- Any transfer student who has not successfully completed both an English composition course and a college-level math course (transcripts required);
- Any student electing to take an English writing course or a mathematics course;
- Any student electing to take English as a Second Language courses.

Measles/Rubella Immunization

Connecticut Law Public Act 89 - 90

Students who must show proof of measles and rubella immunizations include:

- All full-time students (12 credits or more) born on or after January 1, 1957.
- All part-time degree seeking students born on or after January 1, 1957.
- All students taking certificate (for credit) classes.

Official Documents include:

- A physician's certification of proper immunization.
- Blood work indicating immunity.
- A physician's certification that the student had the disease.
- A physician's certification that inoculation is medically contraindicated.
- A signed statement that receiving immunizations is against religious beliefs.

The first measles and rubella inoculation must be after the students first birthday and after 1-1-69. A second measles inoculation is required, must be at least thirty days after the first, and must have been given after 1980.

Documentation must be submitted before registration

Students exempt from showing proof of measles and rubella immunization include:

- All students born before January 1, 1957
- All part-time non-degree students.
- All students taking continuing education/non-credit classes.

For more information call Health Services at (203)332-5062.
When the Test is Given

Placement tests are given throughout the year. New and readmit applicants will be notified by the Admissions Office with instructions on placement testing.

Test Waivers

Please check with the Admissions Office or with the Academic Dean regarding placement waiver qualifications.

First-time students who have earned an associate degree or higher college degree need not be tested. Official transcripts are required. Hand-carried documents are not accepted, but may be used for advising and placement purposes.

Credit (by examination) for Experiential Learning

Educational experiences gained outside of the traditional college setting through employment, military, volunteer work or independent study activities may be valid towards completing degree requirements. Students who have enrolled in a degree or certificate program at HCC may be granted credit and advanced standing for such experiences.

If you wish to earn credit for experiential learning, you must complete an application form from the Admissions Office and submit it to the appropriate academic department for approval. Upon approval, arrangements will be made for completing either a standardized or departmental test or other assessment procedure for determining if credit will be granted. The Admissions Office will notify you of credit awards. No more than fifty percent of an approved program may be awarded for prior experiential learning. All work must be completed within one year from the initial date of the request.

Admissions to Special Programs

Please refer to the following programs and pages for special admission requirements:
- Clinical Laboratory Science ..........page 35
- Honors ..................................page 24
- Nursing ..................................page 46
- Occupational Therapy Assistant ....page 47
- Physical Therapist Assistant ..........page 48

Students with Disabilities

Students with disabilities are advised to register with the Disability Support Services program immediately after acceptance by the College. Students are encouraged to inquire about services at the time of admissions, through the Coordinator of Disabilities. We welcome students with disabilities and the opportunity to make their college experience a successful one.

Students with Medical Problems

It is the student's responsibility to notify the Director of Learning Support, the Health Services Office, and instructors of any chronic medical problem. In this manner, better service can be provided for those with medical problems.

Special Students

Special students in General Studies are students who have not as yet selected a program, although they have been formally admitted to the College. Special students are not required to submit an official high school or college transcript until they enroll into a degree or certificate program. They may register only as part-time students (11 or less credits per semester) and enroll on a course-by-course basis. Special students taking credit courses may have these credits applied toward a degree or certificate upon declaration of degree status. Special students are not eligible for financial aid.

Admission of High School Students

Housatonic and many area high schools have signed agreements which permit eligible high school juniors and seniors to enroll in college credit courses at Housatonic at no cost under the Housatonic High School Partnership Program. Students must have the written recommendation of their high school principal or counselor and have at least an 80 academic average. Students admitted under the High School Partnership Program are responsible for the cost of their books and transportation. Each high school is limited to one student each semester.

Other high school students who demonstrate sufficient scholastic ability and who are approved by their high school principal or designated representative may be admitted on a tuition-paying basis. A letter of recommendation must be submitted with the application form to the Director of Admissions. These students are required to pay tuition and fees for any courses taken.

All high school students may be admitted to courses of study for which they satisfy the prerequisites. The credits earned shall be held until graduation from high school, at which time credits may be used to satisfy appropriate degree requirements or may be transferred to other colleges.

Tech-Prep

Housatonic also participates in the School-to-Career program, an integrated school-based and work-based experience that combines academic and occupational learning. School-to-Career also provides activities that serve as a link between secondary and post-secondary education.

Tech Prep, a part of this program, offers at least four years of sequential course work at the secondary and post-secondary levels to prepare students for technical careers. Programs typically begin in the 11th grade and result in an award of an associate degree or certificate after two years of post-secondary training.

Tech Prep is designed to build student competency in academic subjects and provide broad technical preparation in a career area. High school students interested in this program should speak with their advisors or call the Housatonic coordinator of the School-to-Career/Tech Prep program.

Admission of Senior Citizens

Senior Citizens follow the admission procedure outlined on page 10. The application fee is waived for persons 62 years of age or older; proof of age must be provided at time of application.

Admission of Veterans

Veterans follow the admission procedure outlined on page 10. In addition, veterans eligible to receive educational benefits must bring a copy of their DD-214 (separation papers). Veterans eligible to receive military educational benefits under the GI Bill must bring a legible copy of their DD-214 discharge if there was prior active duty on their current Notice of Basic Eligibility (NOBE) if the student is a member of the CT Guard or Reserves.

Tuition waivers are granted to all current CT Guard personnel in good standing as well as veterans who served during Desert Storm or other military operations. See the HCC Veteran's Representative in B109 for more details.
Admission of Foreign Students

Foreign students must have the equivalent of an American high school diploma and must present official copies of all academic records with the application. Transcripts in a language other than English must be accompanied by certified translations. All foreign students, except those from countries where English is the only official language, must demonstrate proficiency in the English language by taking the Test of English as a Foreign Language (TOEFL). Information and registration forms for this test are available at American embassies, consulates, and offices of the United States Information Service, or by writing to Test of English as a Foreign Language, Box 899, Princeton, New Jersey 08540. Since the College has no housing facilities for students, prospective students must have written evidence, along with their application, of their residence plans and means of supporting themselves and paying college tuition and fees while in the United States. All the above mentioned credentials should be submitted to the Admissions Office at least three months before the requested date of admission.

This school is authorized under Federal law to enroll non-immigrant alien students.

Admission for a Second Degree

A student who already holds an academic degree may earn a second degree in a different curriculum at Housatonic Community College. Such a student will be treated in the same manner as a transfer student with respect to the minimum number of credits to be taken for the second degree. This will require at least 25 percent of the minimum credit requirements in the second curriculum to be additional coursework and granted by HCC where the second degree will be conferred. In no case can a second degree be awarded unless a student has 75 or more credits. For further information see page 18.

New England Regional Student Program

The New England Regional Student Program (RSP), one of the basic programs administered by the New England Board of Higher Education (NEBHE), was established in 1957. The RSP enables residents of New England to attend an out-of-state public college or university within New England for certain degree programs that are not available in their home-state public institutions and pay either in-state tuition or 50 percent above that amount.

The following two-year institutions charge RSP students in-state tuition:
- Massachusetts Community Colleges (except Northern Essex)
- Community College of Rhode Island

The following institutions charge RSP students in-state tuition plus 25 percent:
- Connecticut Community Colleges
- Maine Vocational-Technical Colleges
- Northern Essex Community College (MA)
- New Hampshire Technical Institute
- New Hampshire Vocational Technical Colleges
- Community College of Vermont
- Vermont Technical College

Interested students should contact the Director of Admissions at the institution concerned.

Transfer Students

Students wishing to transfer from other institutions of higher education must comply with the requirements of application for admission into a degree program as outlined. In addition, transfer students wishing to transfer course work completed at another college or university, or by CLEP or Dantes, must request that an official transcript of previous college work be sent to the Admissions Office at Housatonic Community College (hand-carried documents not accepted).

For transfer credit, a course must either correspond to one offered at Housatonic or be pertinent to a specific program. The policy on transfer approved by the Board of Trustees is as follows:

At all Regional Community Colleges, degree credit shall be granted for credit courses completed at all institutions within the Connecticut State System of Higher Education and at all other accredited collegiate institutions, in accordance with the following:

1. Degree credit shall be granted for all credit courses which are applicable to the objectives of, or equivalent to the course requirements of, the curriculum in which the transferring student enrolls. Credit work which is not applicable or equivalent to curriculum requirements shall be accepted for credit at the discretion of the College. Degree credit shall also be granted on the basis of performance on examinations in accordance with standards and limits approved by the Board of Trustees.

2. Credit courses completed with a grade of Pass (P) shall be accepted only for degree credit; the Pass grade assigned by other institutions shall not be included in computation of student grade point averages.

3. Degree credit shall be granted for credit courses completed with a passing letter grade of "C" or better. Such credit courses shall be accepted only for credit, and letter grades assigned by other institutions shall not be included in computations of student grade point averages.

4. At the option of a transfer student, degree credit shall be granted for credit courses completed at other institutions with a grade of D, subject to the following conditions:
   a. If the student's grade point average at the time of transfer is at least 2.0 the student shall be considered in good academic standing, and letter grades assigned by other institutions to courses for which credit is granted by the community college shall not be recorded or included in computations of the student's grade point average at the community college.
   b. If the student's grade point average at the time of transfer is less than 2.0, then the letter grades of C-, D+, D, or D- assigned by another institution to each course for which credit is granted by the community college shall be recorded on the student's transcript and included in computations of the student's grade point average, and his/her academic standing at the community college shall be determined accordingly.

5. Notwithstanding the number of degree credits which shall be granted in accordance with the foregoing, the student must complete at least 25 percent of the minimum credit requirements for the degree through course work at the college awarding the degree.

Receiving Transfer Credit

An applicant who has attended another post-secondary institution (college/training institute) and wishes to have any credits earned at this other school applied towards his or her degree at Housatonic Community College must fulfill the following requirements:

1. The applicant must be enrolled in a degree or certificate program and must be currently attending classes.

2. An applicant who has attended another post-secondary institution (college/training institute) must request an official transcript of previous course work be sent to the HCC Admissions Office.

3. The applicant must fill out a Transcript Evaluation Request form available in the Admissions Office. Upon receipt of the official transcript, a determination will be made as to the acceptability and appropriateness of the credits to the student's curriculum.
Regional Community College Schedule of Tuition & Fees
Academic Year 2002-2003

Tuition Fees
(Effective Fall 2002)

Full-time student (12 semester hours or more)
- a. Connecticut resident ............... $ 882.00
- b. Out-of-State resident ............... 2,646.00
- c. NEBHE .................................... 1,323.00

Part-time student - per semester hour
- a. Connecticut resident ............. 73.50
- b. Out-of-State resident .......... 220.50
- c. NEBHE .................................. 110.25

Extension Fees
1. Credit courses - per semester hour .... 76.00
2. Non-credit courses: Rate set on a per course basis depending upon course offered.

General Fees
College Services Fee - Connecticut resident
1. Full-time student - per semester .... $ 98.00
2. Part-time student - per semester
   a. 1 through 4 credits .................. 42.00
   b. 5 or more credits cost determined by credit load

Student Activity Fee
1. Full-time student - per semester .... 10.00
2. Part-time student - per semester ...  5.00

Special Fees
Application Fee ................................ 20.00
Program Enrollment Fee (2) ............ 20.00
Late Registration Fee .....................  5.00
Graduation Fee .......................... 33.00
Replacement of Lost ID Card ..........  1.00
CLEP Examination Fee (3) Each Exam 46.00
Academic Evaluation Fee ..............  1.50
Portfolio Assessment Fee ..............  50.00
Transcript Fee ..........................  3.00
Returned Check .......................... 25.00
Late Payment Fee .......................  15.00
Installment Plan Fee .................  25.00

Tuition and fees listed above are subject to change by the Board of Trustees for Community-Technical Colleges.

Explanation of Notes
1. Waivers - per general statutes of CT, Sec. 10A-77; Sec. 27-103A and Board of Trustees policies.
   a. Complete waiver of tuition for dependent child of a Connecticut resident who was later declared missing in action or a prisoner of war after 1/1/60.
   b. Tuition is waived for veterans who are Connecticut residents at the time of admission if they served on active duty as defined in C.G.S. Sec. 27-103(a) in the Armed Forces of the U.S. or any government associated with the U.S. during the following conflicts and were released from service under honorable conditions: Operation Desert Shield and Operation Desert Storm (8/1/90 - 6/30/94), the invasion of Panama (12/20/89 - 1/31/90), Operation Earnest Will (2/1/87 - 7/23/87), the invasion of Grenada (10/25/83 - 12/15/83), the peace-keeping mission in Lebanon (9/29/82 - 3/30/84), the Vietnam era (1/1/64 - 7/1/75), and earlier conflicts specified in C.G.S. Sec. 27-103(a).
   c. Tuition, general fees and the application fee are completely waived for those Connecticut residents 62 years of age or over provided, at the end of regular registration, there is space available in the course. Special fees other than the application fee must still be paid.
   d. Tuition may be waived or remitted by the President or a designee appointed by the President for any in-state student who demonstrates substantial need and who is enrolled on a full- or part-time basis in a degree or certificate program or for a pre-college remedial program.
   e. Tuition shall be waived for any student attending the Connecticut State Police Academy who is enrolled in a law enforcement program of the Academy which is offered in coordination with a Regional Community College which accredits courses taken in the program. This waiver applies only to courses taken at the Connecticut State Police Academy and not to course work required for a degree taken at the College.
   f. The tuition of any eligible member of the Connecticut Army or Air National Guard shall be waived. To be eligible for such waiver, a member of the Connecticut Army or Air National Guard must (1) be a resident of Connecticut, (2) present certification by the Adjutant General or his designee as a member in good standing of the Guard, and (3) be enrolled or accepted for admission to a regional community college on a full-time or part-time basis in a degree-granting program. The tuition waiver shall be reduced by the amount of any educational reimbursement received from an employer.
   g. Tuition shall be waived for any dependent child of a police officer or fire fighter killed in the line of duty.
   h. The community college presidents are authorized to waive the student activity fee only for students enrolled in General Fund/Tuition-financed courses offered at off-campus locations.
2. Not applicable if student paid the $20.00 application fee.
3. CLEP exam fees are payable to College Level Examination Board and are not deposited or held in state accounts. This fee is subject to change by the College Level Examination Board.

Fees are subject to change
College presidents, with the approval of the Chancellor, are authorized to waive General and Special Fees of students enrolled in special programs when the circumstances justify such action.

New England Regional Student Program
Each New England state has agreed to admit out-of-state New England residents for study at its public, degree-granting colleges, universities and institutions. At HCC, these students pay the same student activity fees as students from Connecticut, and the same tuition and college services fee, plus a 50 percent tuition and college services fee surcharge.

Tuition and Fee Payment Schedule
Tuition and fees are payable in advance in accordance with deadline dates announced each semester. Tuition and fees are subject to change without prior notice.

Continuing Education Courses
For information about the fees applicable to Continuing Education courses, see the Continuing Education publications that are available in advance of each semester or special session.

www.hcc.commnet.edu
Waiver of Tuition for the Elderly, Qualified Veterans and the Children of Certain Servicemen

Connecticut residents aged 62 or older who have been accepted for admission to Housatonic Community College shall be exempt from payment of tuition, general fees, and the application fee provided if, at the end of the regular registration period, there is space available in the course(s) in which the person intends to enroll. Proof of age must be submitted to the Business Office to complete the eligibility requirements for this waiver.

Qualified veterans who were residents of Connecticut when accepted for admission to Housatonic Community College, and were residents of the State at the time of entry into the armed forces or at the time of release from active service, may be exempt from payment of tuition. Persons who believe they may qualify for this waiver of tuition should speak with the Veterans Affairs Office for further information about eligibility requirements.

The dependent children of certain servicemen who have been declared missing in action or prisoners of war are eligible for a full or partial waiver of the tuition. Details about this waiver are available from the Veterans Affairs Office.

Registration and Fee Deposit

Students registering for credit general fund/tuition account courses prior to three weeks before the first day of classes must pay a non-refundable deposit of applicable College services and student activity fees.

The total tuition is payable in one installment and is due no later than three weeks before the first day of classes. Failure to have made all payments by the announced deadline will result in the cancellation of the student’s registration unless an installment payment plan option has been approved.

All registrations between the announced deadline and the first day of classes shall be accompanied by full payment of tuition and fees applicable to the course unless an installment payment plan option has been approved.

Failure to make payments in accordance with an installment payment plan option will also result in the cancellation of the student’s registration.

Students presenting bad checks must replace them within seven days of the College’s receipt of such notification, or the student’s registration will be immediately canceled.

Refunds of Tuition Only

Requests for the refund of tuition must be made in writing. Requests made by telephone will not be accepted. Fees will not be refunded. All refunds take 6 to 8 weeks for processing. Please refer to the appropriate schedule of classes for the semester which lists specific dates for registration, tuition payment deadline and refund dates.

Fall and Spring Semester Courses

Students who wish to withdraw from the College shall direct their requests for withdrawal to the Registrar’s Office. Refunds are made according to the conditions and in the amounts set forth below.

If written notice of complete withdrawal from the College, indicated by completion of an official withdrawal form, is received by the last business day prior to the first day of classes for that semester, 100 percent only of the total tuition for all courses in which one has registered will be refunded. If a notice of withdrawal is received through the first 14 calendar days of the semester, a 50 percent refund of tuition only will be granted both full-time and part-time students. No refunds will be granted either full-time or part-time students beyond the 14th calendar day of the semester. No fees are refundable.

Summer School Courses Supported by the Educational Extension Account

In the event a summer school course is canceled by the College, students will receive a complete refund. A student who withdraws from a summer school course prior to the first day of the session will receive a full refund of credit tuition fees, provided that a written request for refund shall have been received by the Registrar’s Office not later than 4 p.m. on the last business day preceding the first day of the session (requests must be received by 4 p.m. Friday for sessions that begin on the following Monday). No refunds of tuition fees are granted if withdrawal is made on or after the first day of the session. Program fees are non-refundable.

Continuing Education Courses

In the event that a Continuing Education course is canceled by the College, students will receive a full refund of all fees. A student who withdraws from a course prior to the first scheduled meeting will receive a full refund of fees, provided that a written request for refund shall have been received by the Continuing Education Office not later than 4:00 p.m. on the day preceding the first scheduled meeting (requests must be received by 4:00 p.m. Friday for courses that meet first on Monday). Ordinarily, no refunds will be made after that time. Any requests for exceptions to this policy must be submitted in writing to the Continuing Education Office with a detailed description of the circumstances which might warrant such an exception.

FINANCIAL ASSISTANCE TO STUDENTS

The purpose of financial aid is to provide financial assistance to students who would otherwise be unable to attend college.

General Guidelines

Housatonic offers financial aid to students who have been determined to have financial need, according to Federal need analysis. The financial aid awarded depends on the financial need, the availability of funds at Housatonic, and any other aid the student is receiving. The financial aid package may include grants, loans, or work-study jobs in various combinations. All financial aid programs are subject to change.

Applying for Financial Aid

All applications for financial aid should be mailed to the Federal Government by May 1 for students enrolling in September, and November 1 for students enrolling in January. However, applications are accepted throughout the academic year. Financial aid is awarded to students until funds are depleted.

Eligibility is determined by completing the Free Application for Federal Student Aid (FAFSA). The information provided in this application is a consistent way of measuring the ability of families and/or students to pay educational costs. The student is determined to have need if the cost of education exceeds the student’s available resources, based upon a standardized formula which was established by Congress.

All allowable educational expenses are considered when financial aid applications are reviewed. Student Aid Reports need not be submitted to the Financial Aid Office. The Financial Aid office will download reports electronically.
Requirements for Student Financial Aid

In order to receive financial aid, students must be accepted into a degree or eligible certificate program, be registered for at least six semester hours (half-time status) each semester, and have completed the entire admissions process. You may be eligible for financial assistance if you are:

- A citizen or permanent resident of the U.S. or Trust Territories;
- In good academic standing and making satisfactory academic progress according to the standards and practices of HCC;
- In compliance with draft (Selective Service) registration requirements in order to be eligible for any program established under Title IV of the Higher Education Act;
- Not in default in the repayment of any educational loans or owe a refund on any Title IV grant program at any institution;
- Not owing a refund of any Title IV Higher Education Grant Program (Federal Pell Grant, Federal Supplemental Educational Opportunity Grant, Federal College Work-Study, or Student Incentive Grant) at any institution.

How Financial Aid Works

Financial aid awards are based on your enrollment status as of the 14th calendar day of the semester. Any course added after that time will not be covered by financial aid and will be billed directly to you.

Students should remember that:

- Financial aid cannot be used for non-credit courses offered through the Continuing Education program;
- Financial aid cannot be used for audited courses;
- Withdrawal during the first two weeks of any semester will result in the cancellation of all financial aid. Students will be billed by the Business Office for 50 percent of their tuition, all fees and any bookstore charges;
- Financial aid does not cover the cost of any course and/or related books for which a student registers and never attends. The charges for any such course become the responsibility of the student who will be billed directly by the Business Office.

Student Responsibilities

All financial aid recipients are expected to make satisfactory progress toward completion of degree or certificate requirements. Every recipient should obtain from the Financial Aid Office a copy of Housatonic’s policy on Satisfactory Academic Progress.

Students are responsible for reading and understanding all forms they are asked to sign and should keep copies of all documents submitted to the Financial Aid Office.

Financial aid recipients must inform the Financial Aid Office in writing of any change in name, address, marital status, family size, curriculum, or financial circumstances.

Students with questions concerning the accuracy or completeness of their applications should contact the Financial Aid Office.

All financial aid applicants are assumed to be completely familiar with the contents of the HCC catalog.

Policy for Refunds & Repayments of Cash Disbursements of Title IV Financial Aid

All Title IV recipients who withdraw from the College on or before the 60% point of the enrollment period (the ninth week of the semester) will have a pro-rata refund calculation performed as defined by the Higher Education Amendment of 1998 to ensure that the student receives proper credit and that an accurate percentage of unearned Title IV assistance is returned to the appropriate account.

Students withdrawing before the start of classes are not entitled to any payment of Title IV funds. For more information on the Policy, see a Financial Aid administrator.

How Financial Aid Credit Balances are Processed

Students must remain in attendance to be eligible for refunds of financial aid monies after all debt to HCC is satisfied. If a student does not remain in attendance, the excess aid will be returned to the appropriate fund. In the case of students who withdraw, payment will be prorated based on length of attendance according to the Federal Title IV Refund calculation.

Refunds of any amount after eligible educational expenses are deducted are normally made by the State Controller’s Office.

WHAT PROGRAMS ARE AVAILABLE

Federal Programs

A federal Pell Grant is based on need and restricted to students pursuing a first undergraduate degree.

Federal Supplemental Educational Opportunity Grant - a federal grant usually awarded to Federal Pell recipients with greatest financial need.

Federal Work Study - a federal program for students with financial aid eligibility which provides a source of income. It is expected that any earnings will be used for costs relating to attendance at the College.

Federal Family Educational Loans - loans for which students may apply include the Federal Stafford, Federal Unsubsidized Stafford, and Federal Perkins Loan programs. Financial aid eligibility must be determined before loan applications are processed.

Contact the Financial Aid Office regarding additional requirements of these programs.

State Programs

Connecticut Aid for Public College Students - a state grant awarded by the College in various amounts to full- or part-time students demonstrating financial need. Students must be Connecticut residents to qualify.

Connecticut Community College Grant Program - a state program awarded by the College as a grant to waive tuition and fees for full- or part-time students. Students must demonstrate financial need and be Connecticut residents to qualify.

State Work Study - Work Study employment is provided through funds from the State of Connecticut and is available to students who are residents of Connecticut and who also demonstrate financial need.

Awards of all Federal and State Financial Aid resources are determined by the Financial Aid office.
SCHOLARSHIPS

Housatonic Community College Foundation, Inc. Scholarships

The Housatonic Community College Foundation is committed to the education of all its students. To this end, financial assistance is available for tuition and fees for academic achievement or financial aid as determined by the Scholarship Committee of the Foundation Board of Directors.

The Scholarships are awarded on the basis of financial need, academic achievement, and community/college service. Preference is given to students in good academic standing with a GPA of 3.0 or higher and who have completed at least 9 credits at Housatonic. Students are notified when applications are available and the deadline for submitting them.

In addition to HCC Foundation scholarship funds, the following are available to incoming and current students:

Awards & Scholarships for Incoming Students

DeMattia Family Scholarship - established to assist incoming students from area high schools who demonstrate academic achievement and financial need.

Weller Collegiate Scholarship - awarded to an incoming freshman student from Monroe, Newtown, Easton, Shelton, or Trumbull who demonstrates financial need.

Awards & Scholarships for Current Students

Barden Foundation Scholarship - awarded to two students who are continuing their education in science, including computer science.

Kim Thibodeau Chiaraluce Endowed Scholarship Fund - established to provide funds for a young woman attending the College for the academic year either on a full-or part-time basis who demonstrates academic achievement and financial need.

Connecticut Women's Forum Endowed Scholarship Fund - established to provide funds for women students with financial need who are enrolled in a Housatonic two-year degree program.

Doane Scholarship - established in memory of a Housatonic lab assistant and awarded to a student continuing his or her education in computer science, mathematics, or engineering.

Marguerite Sullivan Dunigan Endowed Scholarship Fund - established to honor Marguerite Sullivan Dunigan's achievements as a single mother, grandmother, friend, sister, Housatonic student, and graduate. Awarded to a single mother currently attending HCC.

President Edward J. Liston Endowed Scholarship Fund - established to provide funds for students enrolled in one of the College's two-year degree programs and who demonstrate academic achievement or financial need and involvement in extracurricular activities.

The William Pitt, III Foundation Scholarship - awarded to current full-time Housatonic students who are in good academic standing with a GPA of 2.8 or better, have completed at least 9 credits at Housatonic and who are not receiving financial aid.

Elisabeth Pfriem Endowed Scholarship Fund - awarded to Housatonic Foundation Scholars. Scholars are current HCC students in good academic standing who demonstrate financial need and have completed 9 or more credits at the College with a GPA of 3.0 or higher.

Other Aid Opportunities

At various times, local businesses, corporations and foundations make funds available for scholarships, grants or work-study opportunities. The Student Development Center coordinates these awards.

TAX CREDIT PROGRAMS

The Hope Scholarship provides up to $3,000 towards your HCC education. Eligible students can receive up to a $1,500 tax credit for each of the first two years of college.

The Lifetime Learning Program helps students pay tuition for upgrading job skills or career training. The Lifetime tax credit is 20% of qualified tuition and fee expenses up to $1,000 per year.

For more information on these programs, consult your tax advisor, the IRS, or ask for a free HCC brochure.

Supplemental and Early Childhood Laboratory School Funds

The Housatonic Community College Foundation has established a Supplemental Assistance Fund for students who experience unexpected financial problems directly related to their ability to continue their studies at Housatonic. Applications are available each semester and are reviewed by a committee on a case-by-case basis. Students are limited to a maximum of $500 during their Housatonic career.

A second program assists students with tuition for their children at the Housatonic Early Childhood Laboratory School.

VETERANS' EDUCATIONAL BENEFITS

Housatonic is approved by the State Department of Education for student benefits under appropriate chapters of Title 38, U.S. Code. Under specific circumstances, spouses, widows, widowers, and children may also be eligible for these benefits. Veterans or their dependents should contact the Veteran's Representative for assistance in effecting certification of eligibility.

Housatonic, through the State of Connecticut, is also able to offer veterans tuition waivers for General Fund courses. To be eligible, a veteran must have served honorably on active duty during qualified war eras, and show proof of Connecticut residency. Please refer to pages 9 and 10.

Each veteran must present a valid Form DD-214 when applying for student benefits under the G.I. Bill or Tuition Waiver.
REGISTRATION

Currently enrolled students have several registration options if they choose to register early for the upcoming semester. Early registration will permit continuing students to have first choice of courses and class times. Payment of the appropriate College fees will hold these classes until full payment is made no later than three weeks before the start of classes. Fees are not refundable. Delaying registration until the beginning of the semester may result in desired classes and times being unavailable.

Before students register for classes, they must be advised by a faculty member or counselor. In addition, students must be in full compliance with all other College policies and requirements.

Registration is not complete until all forms are completed and submitted and tuition and fees are paid in full. Students who do not pay or make financial arrangements with the Business Office will have their registrations canceled.

Auditing Courses

A student not wishing credit may audit courses. This status may allow the student to participate in classroom activities.

Students must obtain the written approval of the instructor in order to audit a class. An Audit form signed by the class instructor must be completed within four weeks of the start of classes for a standard semester and earlier for summer or winter sessions. Full tuition and fees are due for any audited classes. While the student may ask to have papers critiqued, the instructor is not required to grade an auditor’s course work. Audited classes are listed on the student’s transcript as AU. While a student may in succeeding semesters take for credit a class previously audited, students may not petition to receive credit for an audited class and may not change to a credit basis during the semester.

Change of Program

Students who wish to change their enrollment from one degree program to another (for example, to change from General Studies to Fine Arts - Art), should obtain the proper form from the Counseling Center. The change of program form must then be presented to the appropriate department chair or program coordinator as indicated on the form.

TERMS YOU NEED TO KNOW

Auditing - enrolling in and attending a course on a non-credit basis. The instructor’s permission is needed and an audit form must be properly completed within the specified time limits for that semester or session.

Dropping a course - officially withdrawing from a course. Drop procedures require filing a “drop” form available from the Registrar’s Office. Following the proper procedures can help prevent a failing grade or negative effect on the student’s grade point average.

Withdrawing from College - officially withdrawing from all classes in a semester. Following the proper procedures (see the Registrar) can help the student return to Housatonic in good standing. Withdrawal procedures require the filing of a drop form for all courses.

Attendance

With enrollment in College, students accept responsibility to take full advantage of their educational opportunity by regular attendance in classes and laboratories.

The College does not administer a uniform system of attendance regulations. At the beginning of each semester the instructor will provide a course outline and what he/she considers necessary for the successful completion of the subject matter. Students are expected to meet academic obligations or to assume the risks of failure.

Make-up of work missed because of absence or other reasons will be extended by the instructor only when there is sufficient justification.

Lack of attendance cannot be the sole ground for exclusion from a course.

Repeating a Course

Students must repeat required courses in which they receive the grade of “F” or any other non-credited grade (In Physical Therapist Assistant, Occupational Therapy Assistant, and Clinical Laboratory Science programs, students must earn at least “C” grades in all science and PTA, OTA or CLS courses to continue in the programs).

Students may repeat courses for which they receive a passing grade once to improve the grades. Credit will be granted only once for a course unless otherwise specified in the course description.

The student transcript will reflect all grades earned by the student, but for purposes of computation of the GPA, the higher grade will prevail. The repeated course will be indicated on the transcript.

Higher Grade Prevails

Students may retake a course in which they have received a grade of “C-” or lower (C-, D+, D-, or F). After completing the “retake,” the higher grade will prevail in the student’s overall and graduation Grade Point Average. However, the course with the lower grade will remain on the student’s official transcript. Students will be allowed to retake a course one time only. This policy does not apply to those courses in which students receive “M” grades.

Incomplete Work

If there are exceptional circumstances, a student whose work in a course is incomplete at the time of grading will receive a grade of “I.” If the work for the course and the procedures for changing a grade are not completed within 10 weeks of the following regular semesters (fall or spring), the “I” automatically converts to the default grade provided by the faculty member. (Grades of “I” received at the end of the spring semester would automatically become the default grade at the end of the fall semester.)

The student is responsible for meeting with the instructor to make arrangements to complete course work.

If an extension of time beyond one semester is needed, a written request must be filed in the office of the Academic Dean prior to the end of the 10-week period. Extensions will be at the discretion of the instructor and the Academic Dean.

Withdrawal from College or Dropping a Course

A student who wishes to drop a course or to withdraw from the College should follow the official procedure outlined below. Students who do not officially drop courses or withdraw from the College will fail to complete courses satisfactorily may be subject to probation, suspension or dismissal.

1. Contact a counselor in the Counseling Center or Special Services or a faculty advisor and follow his or her instructions.
2. Obtain an add/drop notice form from the Registrar’s Office.
3. Students who cannot appear in person to withdraw from the College should attempt to work with a counselor. No drop or withdrawal requests can be accepted by telephone.
GRADING

Explanation of Grading System


I. Credits

A credit is a unit of academic achievement which is awarded upon the successful completion of a course.

II. Semester Hours

A semester hour is a measure of time usually corresponding to 55 minutes of lecture once per week for an entire semester.

III. Grades

Grades are an indication of the standard of academic work performed and/or the status of the student in relation to a course and/or the College. The academic grading system consists of five basic grades of student performance: “A,” “B,” “C,” “D,” “F,” and four grades of student status: “I,” “M,” “W,” “N.” In addition, participants enrolled in non-credit courses through Continuing Education courses may be awarded Continuing Education Units (CEUs) on a Pass/Fail (P/F) basis.

A letter grade of “A” through “F” indicates a student’s performance in terms of what was done, how much was done, and how well the class work was done from the start to the completion of a class. Other academic grades indicate a student’s status in terms of his/her entry or exit point from a class over time and condition (W, N) or at the close of the official grading period (I, M). Administrative marks include: “AU,” “I,” “M”, “W,” “N.”

Academic Standard Grades

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<th>Grade</th>
<th>Grade Points</th>
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<tr>
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<td>A-</td>
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<td>I</td>
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<td>P</td>
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</tbody>
</table>

Students are given mid-semester grades in each subject. These are merely estimates of the students’ progress and are not entered on permanent records. However, grades of “W,” “M,” “W,” “N,” “D,” “W,” “D,” “W,” “M,” “I,” “M,” “W,” “N.” in addition, participants enrolled in non-credit courses through Continuing Education courses may be awarded Continuing Education Units (CEUs) on a Pass/Fail (P/F) basis.

A letter grade of “A” through “F” indicates a student’s performance in terms of what was done, how much was done, and how well the class work was done from the start to the completion of a class. Other academic grades indicate a student’s status in terms of his/her entry or exit point from a class over time and condition (W, N) or at the close of the official grading period (I, M). Administrative marks include: “AU,” “I,” “M”, “W,” “N.”

IV. Satisfactory Progress

The grading system employed by each college should accurately reflect the academic achievement of the student. In order to ensure appropriate use of the state resources available for the education of its citizens, each college will develop procedures to monitor satisfactory progress through its probation and suspension policy. A GPA of 1.5 and satisfactory completion of fifty percent of the courses attempted (this phrase means actual continued enroll-

TERMS YOU NEED TO KNOW

Freshman - a student who has earned fewer than 30 credits
Sophomore - a student who has earned at least 30 credits
Credit or Credit Hour - a standard of measure of the amount of instruction time required to successfully complete a course
GPA (Grade Point Average) - a numerical computation of the student’s academic grade

Academic Standard Grades

<table>
<thead>
<tr>
<th>Grade</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>4.0</td>
</tr>
<tr>
<td>A-</td>
<td>3.7</td>
</tr>
<tr>
<td>B+</td>
<td>3.3</td>
</tr>
<tr>
<td>B</td>
<td>3.0</td>
</tr>
<tr>
<td>B-</td>
<td>2.7</td>
</tr>
<tr>
<td>C+</td>
<td>2.3</td>
</tr>
<tr>
<td>C</td>
<td>2.0</td>
</tr>
<tr>
<td>C-</td>
<td>1.7</td>
</tr>
<tr>
<td>D+</td>
<td>1.3</td>
</tr>
<tr>
<td>D</td>
<td>1.0</td>
</tr>
<tr>
<td>D-</td>
<td>0.7</td>
</tr>
<tr>
<td>F</td>
<td>0</td>
</tr>
<tr>
<td>I</td>
<td>(developmental courses &amp; EN 100R) 0</td>
</tr>
<tr>
<td>P</td>
<td>(for CEU courses only) 0</td>
</tr>
<tr>
<td>W</td>
<td>0</td>
</tr>
<tr>
<td>N</td>
<td>0</td>
</tr>
</tbody>
</table>

Definition of Grades

A-F

Academic Standard Grades. A letter grade of “A” through “F” indicates a student’s performance in terms of the quality and the quality of that work performance. Only these grades are considered in the determination of a grade point average (GPA) for a student.

I

Incomplete. May be awarded by an instructor only when a majority of course requirements and assignments has been successfully completed. The “I” grade is a deferred grade, neither passing nor failing, on the official transcript. Incomplete work must be submitted to an instructor at least 14 days before the end of the current semester so that grades can be submitted no later than the last day of exams.

M

Maintaining progress. An administrative transcript notation used only for developmental courses to indicate that the student is maintaining progress but not at the usual rate. It may be given to a student for a course only twice.

P

Passing. “P” is used for students enrolled in non-credit courses. The CEU is a measurement (one unit equals ten class contact hours) nationally recognized by business, industry and professional organizations for evaluating an individual’s effort toward professional growth. When “P” is used, it may reflect performance at any of the passing levels (A, B, C, D). Permanent records of CEUs are kept by the Office of Continuing Education programs.
Withdrawal. "W" is used for students who formally withdraw from a course. Students who withdraw through the Registrar’s Office within the first two weeks of the semester receive no grade for the course. Students who formally withdraw after the 2nd week, but prior to the end of the 6th week of classes, automatically receive a grade of "W." After six weeks and up to the 12th week of classes, a "W" may be awarded by the instructor only if formal withdrawal is initiated by the student, and at the discretion of the instructor.

No Grade. A transcript notation for any situation where there is no grade reported at the end of the traditional semester (i.e., no grade received from a faculty member, courses in progress, or no basis for a grade).

Audit. "AU" is used for students wishing to take a credit course for no credit. Students must pay the regular fees and audit status must be indicated within four weeks of the start of class. The audit student will receive no credit and a grade of "AU" and may not change to a credit basis. The student may in succeeding semesters take for credit any course he/she has previously audited. Audit courses will be reflected on the student’s record as "AU." The student may not petition for credit for the audit course.

No Grade. A transcript notation for any situation where there is no grade reported at the end of the traditional semester (i.e., no grade received from a faculty member, courses in progress, or no basis for a grade).

Transcripts

Students wishing to have official copies of their transcripts sent to employers or other schools may request these in writing or in person. Requests must include the student’s name used while in attendance at Housatonic, student identification number and approximate dates of attendance, as well as the complete name and address of the institution to receive the transcript. There is a $3 charge for each official transcript. No telephone requests can be accepted. Transcripts, official or unofficial, will not be faxed.

Any questions regarding a student’s academic file should be directed to the Registrar.

Administrative Marks

AU
Audit. "AU" is used for students wishing to take a credit course for no credit. Students must pay the regular fees and audit status must be indicated within four weeks of the start of class. The audit student will receive no credit and a grade of "AU" and may not change to a credit basis. The student may in succeeding semesters take for credit any course he/she has previously audited. Audit courses will be reflected on the student’s record as "AU." The student may not petition for credit for the audit course.

Academic Standards Criteria

If total GPA is between: For good Standing (Full Program) GPA must be: Probation 4 (13 cr. max) if GPA falls within: Probation 2 (7 cr. max) if GPA falls within: Academic Suspension (1 sem. or permanent) if GPA falls within:

<table>
<thead>
<tr>
<th>Credit Hours</th>
<th>Grade Points</th>
<th>Grade Points</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>12-30</td>
<td>1.75 plus</td>
<td>1.50-1.74</td>
<td>1.25-1.49</td>
</tr>
<tr>
<td>31-45</td>
<td>2.00 plus</td>
<td>1.75-1.99</td>
<td>1.50-1.74</td>
</tr>
<tr>
<td>46-more Credit Hours</td>
<td>2.00 plus</td>
<td>1.75-1.99</td>
<td>1.75-1.99</td>
</tr>
</tbody>
</table>

Grade Point Average (GPA)

Grade points are calculated by multiplying the number of points of each grade by the total number of credit hours assigned to that course. The GPA is obtained by dividing the total number of grade points earned by the total number of credit hours attempted. Only the academic standard grades of "A," "B," "C," "D," "F" including plus and minus are used in calculating the GPA.

A student’s transcript identifies two different Grade Point Average (GPA) ratios. The first is the Semester GPA which is based upon the courses a student has taken during the current semester. The second is a Cumulative GPA which consists of all of the courses a student has taken at the College and the grades received for these courses.

Example:

<table>
<thead>
<tr>
<th>Course</th>
<th>Grade</th>
<th>Credit Hrs</th>
<th>Grade Points</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 101</td>
<td>B+</td>
<td>3</td>
<td>9.9</td>
</tr>
<tr>
<td>PY 101</td>
<td>D</td>
<td>3</td>
<td>3.0</td>
</tr>
<tr>
<td>MA 115</td>
<td>A</td>
<td>4</td>
<td>12.0</td>
</tr>
<tr>
<td>BI 107</td>
<td>B-</td>
<td>3</td>
<td>10.8</td>
</tr>
<tr>
<td></td>
<td></td>
<td>13</td>
<td>35.7</td>
</tr>
</tbody>
</table>

The GPA for this student would be 2.74 for the semester.

Change of Program / Graduation GPA

Change of program forms are available in the Counseling Center. You should make an appointment with the faculty member assigned to your new program. The faculty member will indicate his/her approval/recommendation on the form, recommend an advisor, and forward it to the Registrar’s Office for processing. If you wish to add a second program, follow the same procedures. The title of your new program will appear on your transcript. A student who requests a change of program and who has a cumulative GPA that is below a 2.0 may request at the time of the program change, the calculation of a new Graduation GPA. Only those courses which will satisfy requirements of the new program will be used in the calculation of the new GPA. This option is available only once to each student. When a student chooses this option his/her cumulative GPA which includes all courses taken at the College will remain on the transcript. The Graduation GPA will be different from the cumulative GPA. A student’s academic status such as good standing, academic probation or suspension is based upon his/her Graduation GPA.

Academic Standards Criteria

To remain eligible for continuation of studies, a student must maintain a cumulative grade point average equal to, or above, the minimum stated in the Academic Standards Criteria. The Academic Standards Criteria are listed in the box above. Students in good standing may register for a full program. Those students who are on Probation 4 may register for a schedule which does not exceed 13 credit hours. Students who are on Probation 2 may register for a schedule which does not exceed 7 credit hours.

Probation and Suspension

Customarily, a student whose grade point average falls below the required minimum is suspended from the College. However, a student may be permitted to continue on probation for one semester if the student’s failure to meet the required standard is due to circumstances which indicate that the student should be accorded this privilege. A student on probation who fails to show improvement is then suspended from College. Academic Standards Committee hearings are held each semester to allow students due process.

Appeal of Grades

A student who wishes to appeal an awarded grade should first confer with the faculty member concerned. If the student is not satisfied with the outcome of that conference, the student may submit a written appeal with the Academic Dean who will consult with the faculty member and the appropriate department chair. The appeals process is described in detail in the HCC Student Handbook in Appendix II, Section 3: Review of Academic Standing.
ACADEMIC SERVICES

Academic Honors

Dean's List

There shall be a Dean's List of students, both full-time and part-time, who earn a semester grade point average of 3.4 or higher. Part-time students who pursue three credits or more in a semester shall be eligible for semester honors. A course Withdrawal or Incomplete shall make the student ineligible for Dean's List recognition that semester. Upon completion of the Incomplete, the student may be recognized retroactively.

Advising

Advising is the process of selecting courses and constructing workable schedules to meet your career and academic goals. It is important that you plan your academic programs carefully so that program requirements and prerequisites are fulfilled. Each student is assigned a faculty advisor during his or her first semester at Housatonic. Your advisor will be determined by the degree or certificate program in which you are enrolled.

HCC has an Advising Center (B116) that is staffed throughout the semester. The Center can answer your questions about advising, assign or change your advisor, and work with you and your faculty advisor in helping you to construct your academic schedule. In addition, student advising is conducted at the Counseling Center, Special Services, and the Academic Support Center when faculty advisors are not available.

Prior to registering for classes, each student must meet with an advisor to discuss academic and career objectives. The advisor will help you select courses that help meet those objectives. Your advisor will also inform you about the transferability of courses and programs.

Good advising depends on your keeping in touch with your advisors on a regular basis. Make it a practice to meet with your advisor well in advance of every registration period. This will give both of you sufficient time to discuss your academic program, your goals, and the courses you need to fulfill program requirements.

Special Services

The Federally-funded Special Services program works to help students do well at Housatonic, stay in College, and graduate.

Students are eligible for the Special Services Program based on criteria which include placement test scores, income levels, physical handicap, limited English ability, or first generation college student (neither parent has a bachelor's degree).

The focus of Special Services is the Drop-in Center where the professional staff welcomes new and returning students. The Center is open mornings, afternoons, and evenings to serve all eligible day and evening students. The program includes the services of student tutor/ aides - Housatonic students trained to assist other students in basic English and math, either by appointment or on a drop-in basis. Tutor/ aides also help the Special Services staff with new student orientation, registration, and advising. An additional service of the program is the Special Services Basic Skills Laboratory where small group and individual tutoring is offered in reading, writing, English as a Second Language, vocabulary, spelling, and mathematics. Program services are also available to bilingual students. There are no charges to students for Special Services activities.

English as a Second Language

Housatonic Community College offers a six-semester sequence of English as a Second Language courses designed to accommodate the needs of non-native speakers of English at basic, intermediate, and advanced levels of proficiency. Placement in each level is based upon the results of an ESL interview and reading and writing evaluation.

The six-hour courses are intensive and stress the development of listening and reading comprehension, speaking and writing skills to help students gain confidence and proficiency in the use of English to succeed in academic and career programs. Students entering the lowest level, ESL 091, Basic Speaking and Writing I, should have a little experience speaking and writing English before enrolling at the College. Students must demonstrate mastery of skills before progressing to the next level. After successful completion of the ESL sequence, students progress to EN 100R or EN 101.

Disabilities Support Services

The program for students with disabilities provides accommodations, academic tutoring, and technology to assist students with all varieties of disabilities. The program is designed to assist students to develop their talents to the fullest by providing professional services which include evaluation of individual learning styles, counseling and course advising, alternative administration of examinations, tutoring, audio-visual and computer learning equipment, and group support. The Center's professional staff assists students develop ways to cope with their disabilities.

The Writing Across the Curriculum Center

Writing is a skill that can be improved throughout life. The Writing Across the Curriculum Center is a place where students of all writing abilities can receive help to improve their skills. Students can make appointments or drop in for help from the professional tutors and writing faculty who work in the Center. In addition to individual tutoring sessions, group tutoring sessions and workshops are held on aspects of writing at various skill levels.

Cooperative Education

(Com Ed) is a program that enhances classroom learning by integrating academic curriculum and real-world work experience. One of the challenges facing students as they prepare to enter the workforce is how to get a job without experience.

Through Co-op Ed, employers hire students who are nearing graduation and ready to begin their careers. We assist the student with locating and acquiring a work opportunity in the local or regional area. Students can build skills and discover the realities of working in fields such as accounting, information technology, graphic design, marketing or as an executive assistant. They earn 3 college credits for what only work can teach them.

For more information, call (203) 332-5042.

Independent Study

Outstanding students may study a particular topic or set of topics outside of the classroom under the supervision of a full-time faculty member. The faculty member determines if the student is qualified to undertake the project and provides guidance to the student. The project must be of an advanced nature and cannot duplicate an existing Housatonic course.

To register for an independent study course, a written study outline or contract must be submitted by the student and approved in writing by the faculty member supervising the project, the department head and the Academic Dean. Full tuition and fees are charged for independent study courses.

Library Learning Resource Center

The Housatonic Library provides resources and services in support of the academic programs at the College. To the extent possible, it also serves personal and non-curricular intellectual needs of the faculty, staff, and students.
The Library maintains an open stack book collection of over 35,000 titles and a periodical collection of over 280 current titles. Books, with the exception of those in the Reference and Reserve sections, can be checked out. Periodicals are for use in the Library only. The Media Services Department of the Library maintains a substantial multimedia collection of videotapes, audio tapes, slides, and filmstrips, most of which can be checked out. Media that cannot be checked out can be viewed and/or listened to by patrons in the Library. The video collection offers feature and educational titles including selections from the PBS and Annenberg collections.

Books and video materials owned by the Library can be searched for on the computerized card catalog. Materials can be found by searches using title, author, or subject matter. The HCC Library collection can also be accessed via the Internet. The Library is linked by computer networks to many Connecticut public and academic libraries, enabling users to access those libraries' resources using HCC's computers.

Computerized information services offered by the Library include eight on-line, full-text databases. The databases cover the major areas of Health, Business, Law, Sociology, Psychology, Connecticut News, Current News, Ethnic Issues, and general information. There is also a database that lists the contents of more than 300 Connecticut libraries. In addition, membership in OCLC, an on-line network connecting more than 12,000 libraries worldwide, makes it possible for students and staff to borrow books and magazine articles from other libraries.

Summer Sessions

Three summer sessions are designed to serve the needs of a variety of students. These courses are open to new students who will be attending Housatonic in the fall, students from other colleges, current Housatonic students who wish to accelerate their academic program, and individuals seeking specific knowledge. Summer session classes meet either four days each week for five weeks, or twice each week for eight weeks. Classes are scheduled both day and evening. The calendar on page 3 details Summer Sessions for 2003.

Winter Session

Winter session classes are held during the period between Christmas and the start of the spring term and are open to Housatonic students, students from other colleges, or new students. Generally, classes are held Monday through Friday from 9 a.m. to noon. Laboratory time follows immediately after class for science courses. Students can earn 3 or 4 credits a course. Waivers of tuition are not honored for winter session courses.

More information is available in the spring course schedule, by calling the Registrar's Office, 332-5088 or at the website, www.hcc.commnet.edu.

GRADUATION

Housatonic awards the Associate in Arts (AA) and the Associate in Science (AS) degrees and certificates to qualified candidates as authorized by the General Assembly of the State of Connecticut.

Graduation is not automatic.

1. The Registrar's Office will evaluate a student's academic history at any time and will indicate the requirements which still need to be met. It is recommended that students request a graduation evaluation at the end of the freshman year or when 30 credits have been earned. Students enrolled in certificate programs should request this initial evaluation at the end of the first semester.

2. Catalog Selection for Graduation Evaluations. A candidate for graduation will be evaluated under the catalog most appropriate, as outlined below:

A. For Degree Students -

The catalog used will be that under which the candidate first enrolled, except as noted in the following:

1. If the candidate was readmitted to the College, the catalog used shall be that in effect when the candidate was readmitted.

2. If the candidate changed program one or more times during attendance, the catalog used shall be that which was in effect at the time of the last change of program.

3. If the courses required within a program have been significantly changed since the time of enrolled readmission or change of program, or if other unusual circumstances exist as determined by the Director of Registration and Records, the catalog in effect at the time of graduation may be used. Waivers and substituted courses are usually utilized to satisfy requirements where programs are changed.

B. For Certificate Students -

The catalog used will be that in effect at the time of enrollment, except that where unusual circumstances exist as determined by the Director of Registration and Records, the catalog of readmission or the catalog at the time of graduation may be used in the priority stated.

1. Students must have a graduation evaluation in order to be placed on a potential graduation list. The request for graduation evaluation should be completed in the semester before the student plans to graduate - for example, in the fall when graduation is expected in May. The evaluation form can be obtained from the Registrar's Office and should be returned to them. The student will be notified of the results of the evaluation.

2. Students who wish to have credits from another institution transferred to Housatonic should visit the Admissions Office and arrange for an evaluation of transfer credits.

3. Candidates for graduation in May, August or December are encouraged to attend the commencement program. All graduates are invited to attend the spring commencement regardless of graduation dates.

Graduation Requirements:

1. Official enrollment in a certificate or degree program.

2. Completion of the minimum number of semester hours for the certificate or degree program with an academic average of at least 2.0 GPA.

3. At least 15 semester hours in courses numbered 200 or above.

4. At least 25 percent of the graduation credit requirements must be granted by Housatonic Community College.

5. Satisfactory completion of all courses required in the student's program.

6. Prompt and timely payment of the graduation fee.

7. Fulfillment of all financial obligations to the College.

* Applies to all degree programs only.
Graduation Honors

Associate Degrees are conferred with Honors to students whose Cumulative GPA is 3.40 to 3.69; with High Honors to those whose average is 3.70 to 3.89; with Highest Honors to those whose average is 3.90 to 4.00.

In order to qualify for academic honors designation, students must have earned a minimum of 36 credits at HCC.

These 36 credits may not include those earned through examination or departmental evaluation for life experience.

All graduation honors are recorded on students' academic records. Graduation honors do not apply to certificate programs.

Earning Multiple Degrees

A student who already holds an academic degree may earn a second degree in a different curriculum at Housatonic Community College. Such a student is treated similarly to a transfer student with respect to the minimum number of credits he/she must take for the second degree. This will require that a student complete all program requirements and in no case less than 25 percent of the total credits required in the new curriculum as additional hours of credit at the college through which the second degree is to be conferred.

A student may earn two degrees simultaneously at HCC by fulfilling all requirements stated in the paragraph above.

Requests for additional degrees beyond the second require prior approval from the Academic Dean. Completion of requirements of an additional program option does not constitute a different degree. A student wishing to earn a certificate and degree in the same program must complete the requirements of the certificate program prior to earning the degree.

Completing HCC Degree Requirements at Other Colleges

Students enrolled in a degree program who wish to complete Housatonic Community College degree requirements at other colleges or universities should request approval, when possible, from the Office of the Academic Dean prior to undertaking such work. This procedure is referred to as "reverse transfer."

Transfer from Housatonic to Other Colleges

Transfer agreements have been completed with a variety of private four-year baccalaureate institutions for transfer students who have completed associate degrees at Housatonic Community College. Most of these agreements provide that these graduates in specified programs will be admitted with full junior class status if they have achieved a specified grade point average. Additional information regarding these agreements is available in the Student Development Office.

Agreements have been completed with the following four-year institutions:

- Albertus Magnus College - for Housatonic Community College graduates in all associate degree programs.
- Connecticut State University System - for HCC graduates in all associate degree programs.
- Fairfield University School of Continuing Education - for students seeking Bachelor of General Studies degrees, Bachelor of Science, or Bachelor of Arts degrees through the College of Arts and Sciences, the School of Business, and the School of Nursing.
- Marymount College - for HCC graduates in all associate degree programs.
- National College of Chiropractic - for HCC graduates with a strong science background.
- Sacred Heart University - for HCC graduates in all associate degree programs.
- St. Joseph College - for HCC graduates in Early Childhood Education.
- Syracuse University - SUNY College of Environmental Science and Forestry for Environmental and Life Science for HCC graduates of Liberal Arts: Math/Science in Pre-Environmental Science.
- University of Bridgeport, College of Business and Public Management - for HCC graduates in Accounting, Business Administration and General Studies.
- University of Connecticut, Bachelor of General Studies - for HCC graduates in all associate degree programs; University of Connecticut at Stamford for Bachelor of General Studies in Technical Communications and Bachelor of Science in Information Technology.

Guaranteed Admissions Agreement between The Connecticut Community Colleges and The Connecticut State University System

Graduates of an associate degree program within Connecticut’s community colleges with a GPA of 2.0 or higher are guaranteed admission to the university of their choice within the Connecticut State University System. There is no guarantee that all course credits earned at a Connecticut community college will be accepted for transfer to a university within the Connecticut State University System. However, all Guaranteed Admission students are guaranteed junior status and guaranteed that a minimum of 60 transfer credits will be applied toward a baccalaureate degree at the university. Graduates of a community college who meet the requirements for guaranteed admissions must still make application by the date and on the forms prescribed by each university within the CSU System, including the submission of all the required transcripts, documents, and fees.

For more information on this agreement and the procedures, contact the Counseling Center at (203) 332-5017.
Scholarships
A number of colleges and universities offer scholarships for graduates of Housatonic and other community colleges. The Counseling Center provides information to students on transfer opportunities and scholarships.
Among the scholarships which may be available to graduates are:
New York University/Community College Transfer Opportunity Program Scholarship - open to students with a GPA of 3.0 and higher, who are US citizens or permanent residents and are planning to enroll as full-time day students in specific programs at NYU School of Education.
Wesleyan University, The Etherington Scholarship - open to graduates of Connecticut community colleges.
University of Hartford, President to President Scholarship - based on the recommendation of the College President. It is open to students who are Connecticut residents, achieve a cumulative grade point average of 3.30, and pursue full-time studies.
Harry S. Truman Scholarship Program - a nationally-administered scholarship program open to sophomore students with a potential for leadership in governmental service. Students must be nominated through their college to be considered for this award.

Awards & Scholarships for Graduates
Academic Prizes*
Outstanding graduates are honored at Awards Night held prior to graduation each May. At that time, prizes and certificates are presented to students achieving academic excellence in specific subject areas, and to students making significant contributions to the College.
The following cash awards are usually presented:
The Beverly G. Anderson Memorial Award - established in memory of HCC and Harding High School counselor and presented to an outstanding graduate who graduated from a Bridgeport high school.
Greater Bridgeport Chapter of the Connecticut Society of CPAs Accounting Prize - presented by this local professional group to an outstanding accounting student continuing his or her education.
Burt Chernow Scholarship** - established in memory of the founder of the Housatonic Museum of Art and presented to a graduate continuing his or her education in art or art education.
Connecticut Post Award - presented by Post Publishing Company and the Connecticut Post to outstanding journalism students.
Salvatore Curiale Scholarship - established in memory of the director of admissions at Housatonic and presented to a student continuing his/her education in nursing.
Jeanne DuBois Scholarship** - established in memory of an alumna of the first graduating class who served in many important positions at the College including manager of the Museum, and presented to a graduate continuing his or her education in art or art history.
Ralph Fabrizio Scholarship - established in memory of a professor of psychology and awarded to an outstanding student in the behavioral sciences.
Flint Prize** - established in honor of the Flint family and presented to the student receiving the Dean's Academic Award.
Jane Mahoney Memorial Award - established in memory of a professor of English and presented to a student who began his or her studies in developmental English classes.
Robert Gerard Naples Scholarship** - established in memory of a Housatonic student and presented to an outstanding student in the sciences.
Marshall Rachleff Scholarship Award - established in memory of a professor of history and presented to an outstanding student in history, government, economics, or labor studies.
Frank J. Scallon Foundation Scholarship** - awarded to a graduating student or students who are pursuing an education in the field of psychology or medicine.
David Susskind Memorial Scholarship Award** - established in memory of David Susskind and awarded to an outstanding student in the social sciences who intends to pursue a bachelor's degree in political science, history, or public administration.
Swain Prize - established in honor of a local English professor and awarded to the outstanding student in English.

Academic Dishonesty
Academic dishonesty is a matter of utmost concern to faculty, administration, and students at Housatonic Community College. Academic dishonesty can result in the student receiving an "F" grade on the paper or exam in question or in the course, suspension or expulsion from College.

Class Cancellations
Housatonic has the right to cancel any class or to change instructors. Upon course cancellation, a student will be notified and referred to an advisor or counselor who will meet with the student to select another ongoing course in which the student will be enrolled provided he/she meets the pre-requisites/parallels. Restrictions apply in equipment-related courses, EN 101 and EN 102.

Computer Policies
The policies concerning the use of the resources and facilities of Housatonic's computers, as well as the creation, copying and conversion of software available on College computers are defined in the Student Handbook for the protection and benefit of all who use the computers and software at the College.

Drug-Free Workplace
The policy on drug-free workplaces for the system of community colleges has been adopted by The Board of Trustees of Community-Technical Colleges.

Completion & Graduation Rates
All colleges are subject to the disclosure requirements of the Student Right-to-Know Act which requires that a school disclose its completion or graduation rates.
The following information is provided as required by this act; it is based on the class entering September 1998 and shows graduates from this class by June 2001. It is based on full-time students entering associate degree programs only.
Students entering Sept. 1998 .................. 267
Graduates by June 2001 ...................... 33
Percent of graduates .................. 12.4%

For further information about these completion/graduation rates, please consult with the Academic Dean.

Policies
Please refer to the Faculty/Staff Reserve shelf in the Library or to the Housatonic Student Handbook for the complete policies and texts concerning the following:

Academic Dishonesty

For further information about these completion/graduation rates, please consult with the Academic Dean.

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Policies
Please refer to the Faculty/Staff Reserve shelf in the Library or to the Housatonic Student Handbook for the complete policies and texts concerning the following:

Academic Dishonesty

*Academic Prizes and their cash awards may vary. Not applicable for certificate programs.
**Administered through the Housatonic Community College Foundation, Inc.
Standards and Procedures for Student Discipline

The policy on student discipline for the system of community colleges has been adopted by The Board of Trustees of Community-Technical Colleges.

Student Rights

Students are entitled to an atmosphere conducive to learning and to impartial treatment in all aspects of the teacher-student relationship. Please refer to the Student Handbook for the complete policy on Student Rights as adopted by the Board of Trustees for Community-Technical Colleges.

People with Disabilities

The Board of Trustees of Community-Technical Colleges and all of the colleges under its jurisdiction are committed to the goal of achieving equal educational opportunity and full participation for people with disabilities in the community colleges. To that end, this statement of policy reaffirms our commitment to ensure that no qualified person be excluded from participation in, be denied the benefits of, or otherwise be subjected to discrimination under any program or activity at Housatonic.

Racism and Acts of Intolerance

The community colleges are committed to providing educational opportunities to all who seek, and can benefit from, them, and to providing a welcoming environment in which all people are able to work and study together, regardless of their differentness. Housatonic condemns all forms of racism, religious intolerance, and any acts of hatred or violence based on differentness. Such behaviors will not be tolerated at the College and may be subject to disciplinary action.

Sexual Harassment

Sexual harassment is a form of sex discrimination that is illegal under state and federal law and is also prohibited by the Board of Trustees’ Nondiscrimination Policy.

Violence in the Workplace Prevention

Policy developed by The Board of Trustees for the Connecticut Community College system provides for a reasonably safe and healthy workplace for all employees, students, visitors and guests. This policy is in accordance with Governor Rowland’s signed Executive Order No.16 instituting a “zero tolerance” for violence in the workplace for all state agency personnel, contractors, subcontractors, and vendors. “Violence” is defined as an overt act or threat of harm to a person or property, or any act that poses a substantial threat to the safety of any person or property.

AIDS and Other Communicable Diseases

The community college system reaffirms its commitment to provide a safe and healthy educational environment, safeguard the rights of individuals, and comply with state and federal anti-discrimination laws and regulations. Sound and compassionate legal, ethical, moral, and educational principles require that students and employees with AIDS, HIV infection, and other communicable diseases be accorded the same rights and assume the same responsibilities as all other members of the Housatonic community.

Confidentiality of Student Records

Housatonic Community College maintains full compliance with the Family Educational Rights and Privacy Act of 1974 as amended (FERPA). This act is designed to protect the privacy of student educational records, to establish the rights of students to inspect and review their educational records, to provide guidelines for the correction of inaccurate or misleading data, except grades, and to permit students to control disclosure of their education records, with certain exceptions.

Copies of Housatonic Policy and the FERPA regulations are on file in the Registrar’s Office. Students also have the right to file complaints with FERPA Office of the Dept. of Education, Washington D.C. 20202, regarding alleged violations of the Act.

Public Notice Designating Directory Information

Housatonic Community College designates the following student information as Public or Directory Information. Such information may be disclosed by the institution for any purpose, at its discretion:

- Name, address, dates of attendance, student status, most recent educational institution attended, major field, awards and degrees received, telephone listing, date and place of birth, height and weight of athletic team members, and participation in officially recognized activities and sports.

Current and former students may withhold permission to disclose this information under the Family Educational Rights and Privacy Act of 1974, as amended (FERPA), by notifying the Registrar’s Office, in writing, of their intentions. Such notification shall become effective as of the date on which it is received in the Registrar’s Office and will remain in effect until specifically revoked by the student.
STUDENT SERVICES & ACTIVITIES

STUDENT SERVICES

HCC is dedicated to providing comprehensive support services for its students. The College has developed a variety of opportunities for students. These services and the departments that administer them are:

The Academic Support Center

The Academic Support Center in rooms B116, B118, and B120 includes a variety of student support services including Tutoring Center, Disabilities Support Services, The Writing Across the Curriculum Center (see page 16), Center for Testing Services, and others.

Some of the specific services are:
- One-on-one tutoring with master and peer tutors in approximately 90 percent of the courses listed in each semester’s schedule.
- Study Groups in approximately 20 subjects.
- Computer Tutors: computers that have specific software for developmental classes including basic math, algebra, reading and software for ESL students.
- Audio-video resources for students in a variety of subjects, including algebra, calculus, and statistics.
- Student Events: ongoing programs, workshops and training designed to help students with academic success, as well as events which provide personal enrichment and help students enjoy the College experience to its fullest.
- The Student Mentor Program pairs a new student with a returning student for support.

Counseling Center

The Counseling Center is dedicated to encouraging and assisting all students to achieve their maximum academic, career and personal development. The College provides a number of services that are geared to helping students meet this objective. The Counseling Center is available to discuss issues with students and help them achieve success at Housatonic.

Counseling services can be used as follows:
- Academic advising helps you select courses to ensure that your Housatonic certificate and associate degree program requirements are satisfied. Counselors work closely with program advisors to make this process as easy as possible.
- If you want to change your academic program, you can work with counselors to make sure that your progress toward your career goals is uninterrupted. This is a very important aspect of your education and by giving careful attention to the process, you can save time and effort.
- Academic advising helps you select courses to ensure that your Housatonic certificate and associate degree program requirements are satisfied. Counselors work closely with program advisors to make this process as easy as possible.
- If you experience an academic problem, come to the Counseling Center and discuss your options with a counselor. Counselors can act as intermediaries among students, administrators, and faculty. Counselors can help with academic advising regarding mid-term grades, probation/suspension, graduation requirements and ways to improve your study skills.
- The Strong Interest Inventory is available in the Center Resource Room, A108B. This computer program can help you assess work preferences. Counselors assist in interpreting the results and talk with you about career options, relating these options to educational programming. Resources and information concerning occupational opportunities are available in the Career Resource Center, room A108B. Opportunities for employment are posted regularly.
- Personal counseling is available. Sometimes you want to just sit down and talk about personal or non-academic concerns. We recognize that many students are trying to balance work, school, and family responsibilities as well as personal needs. We understand that overwhelming pressures can build. We offer you a friendly ear in a confidential setting. Referrals to outside agencies are made when necessary.
- The Housatonic Women’s Center is located in room B101 (phone 332-5268) and is an informal drop-in center open to all women and welcomes men. It was created as a “safe haven” where students, faculty, and staff might go for advice and advocacy. The Center also functions as an educational resource with books, journals, magazines, and videos, and offers a variety of programs and workshops on women’s issues.

EARLY CHILDHOOD LABORATORY SCHOOL

The nationally accredited Housatonic Early Childhood Laboratory School has a two-fold purpose: a high quality, pre-school program for the young children of students, faculty, staff, and the community; and a laboratory setting for the HCC’s Early Childhood Education program.

To enroll, children must be three years of age December 31 of the calendar year in which they enter the School. The School is open Monday through Friday from 7:30 a.m. to 5:30 p.m. all year. Children must attend for eight hours weekly to ensure educational quality.

As a laboratory setting, the Early Childhood Education faculty assigns students to a variety of activities and observations which need to be completed at the Laboratory School. The director, teachers, and teacher assistants evaluate these activities and/or answer any questions that the College students may ask. Students from related fields also use the Laboratory School as a resource for field work and papers.

Applications for children are available in the Early Childhood Laboratory School, the Business Office and the Admissions Office. Limited Housatonic Community College Foundation Scholarships are available for the children of students. Children are accepted into the program on a first come first served basis. The program serves children with disabilities and from diverse racial, ethnic, economic and ability backgrounds. For further information, call the director of the Early Childhood Laboratory School at 332-5030.
STUDENT ONLINE SERVICES

Housatonic's web connection, SOS is a new Internet service which will allow you to view and print important information that is essential in planning your registration. This online alternative allows you to access both secured and public academic information via the Internet. Students can access the system from any computer lab on campus or via a World Wide Web browser when off-campus.

Two types of information are available:
- Public Information (login is not required, not limited to current students, available to everyone).
- Secured Information (login is required, available information is personal in nature).

You can access SOS virtually any time, from anywhere in the world. The web site is www.hcc.commnet.edu. Once you have located the site, navigate your way to SOS from Housatonic’s homepage. Be sure you follow all instructions.

HEALTH SERVICES

The Health Services office is located on the first floor (room A113a) of the College. A registered nurse is on duty Monday, Wednesday, Thursday, and Friday, 8:30 a.m. to 4:30 p.m. and Tuesday, 11 a.m. to 7 p.m. during fall and spring semesters and is available for basic first aid, minor illnesses and health education/counseling.

STUDENT LIFE

Many activities and events enhance student life at Housatonic, making it a very special place. Among the programs, Student Activities enriches the total educational experience by providing a broad range of social, cultural, and recreational events. Students who are involved in the planning and implementation of this program have the opportunity to develop skills in human relations, group process, legislative procedures, program planning and evaluation, and financial management. Those who participate in College activities and events often develop lasting friendships with their fellow students and faculty.

Student Senate

The Student Senate is the government arm of the student body. It represents the entire student body on matters relating to the welfare of students. Its committees and the clubs and organizations which it charters, offer social, cultural, and recreational activities funded by student activity fees. Procedures for scheduling these activities are available from the Coordinator of Student Life.

Student Publications

Two publications are funded with student activity monies. Housatonic student editors, reporters and photographers publish the newspaper, Horizons, four times each semester. Horizons covers College activities and outside events of interest to students. BeanFeast, the College's literary magazine, is published annually. Students are encouraged to submit essays, stories, poems, plays, and other works for consideration.

Student Clubs

Among the clubs currently active at HCC are:
- ALAS - Assoc. of Latin American Students
- Art Club
- Black Student Union
- Business Club
- Christian Studies Club
- Computer Club
- Coffeehouse Club
- Criminal Justice Club
- Cultural Affairs Task Force
- French Club
- Gay/Straight Alliance
- HCC Coffee House
- Human Services Club
- Literary Club
- Performing Arts Club
- Photography Club
- Physical Therapist Assistant Club
- Student Senate
- Student Publications
- Student Clubs
- CAFETERIA
- BOOKSTORE
- PARKING & SECURITY

CAFETERIA

The spacious Housatonic cafeteria overlooks the sculpture garden. The grill offers sandwiches, snacks, and hot meals. Cafeteria hours are subject to change. Check the cafeteria bulletin board for specific hours. Vending machines have sodas and snacks at all times. The sculpture garden has picnic tables and is a pleasant place to eat when the weather is fine.

BOOKSTORE

You can purchase the books you need for courses at HCC's Bookstore. The Bookstore also has notebooks and other supplies, laboratory equipment, newspapers, paperbacks, t-shirts, cards, candy, and other items. During registration and the first two weeks of classes, the Bookstore is open extended hours. At the end of each semester, the Bookstore will buy back textbooks.

PARKING & SECURITY

Free parking, including handicapped parking, is available for students in the well-lit parking garage. Security staff are stationed in the garage and also patrol the building. In accordance with state and federal regulations, the Security Department publishes an annual campus crime report. The report is issued each September for the preceding calendar year and is available to any applicant, student, or employee who requests a copy.
The Housatonic Museum of Art, founded in 1967, has one of the largest permanent collections of any two-year college in the country. The Museum collection represents the realization of a philosophy that makes art a daily part of the life of every student and staff member at Housatonic. The Museum collection is composed of outstanding examples of 20th century (and of other periods) paintings and sculpture, art and ethnographic objects from the Far and Near East, Africa, and Oceania. Drawings, prints and photographs are well represented.

The collection is periodically augmented and enhanced by new acquisitions.

From the moment one enters the College campus, one continuously encounters paintings, sculpture, prints, and art objects in lounges, hallways, and offices. In addition, The Burt Chernow Galleries are open to the public and schedule changing exhibitions each year which may initiate from the permanent collection, show the work of established or emerging artists, or feature traveling exhibitions.


The Museum's Mission:

To establish a collection of artworks that will serve as a repository of important artistic achievement.

To introduce the Greater Bridgeport area to the pleasures and challenges that result from exposure to original art.

To continue and expand The Housatonic Museum of Art as an expression of the serious commitment the College has made to cultural enrichment.

To grow and maintain the collection which is made up almost exclusively of donations of original art. It has, and will, continue to develop, with a focus on providing the College with a teaching museum and an exciting total environment of the visual arts.

The Museum and The Burt Chernow Galleries are expressions of a serious commitment to cultural enrichment. The College considers it essential for students, faculty members, administrators and visitors to experience art as an integral part of the educational environment, as important as libraries, textbooks and teachers.

www.hcc.commnet.edu
Honor Societies

Phi Theta Kappa

A chapter of Phi Theta Kappa, the international honor fraternity for two-year colleges, is active at Housatonic. Students are inducted into the Chi Rho chapter each spring at a formal induction ceremony. To be eligible for membership, students must have completed 30 semester hours at Housatonic with a Grade Point Average of 3.5 or better, receive recommendations from four faculty members, and have a record of good citizenship and involvement with the College and the community.

Psi Beta®

Psi Beta is the national honor society in psychology for community and junior colleges. It is the first two-year honor society approved for membership in the Association of College Honor Societies, which regulates membership requirements. Psi Beta was founded for the purpose of stimulating, encouraging, and recognizing students' outstanding scholarship and interest in psychology. Psychology students become members by invitation of the chapters at their colleges.

Alpha Beta Gamma

Housatonic has a chapter of Alpha Beta Gamma, the International Business Honor Society. This society encourages scholarship among two-year college students in business. To be eligible for membership, a student must be enrolled in a business curriculum and must have completed 40 academic credit hours in courses leading to a degree. Additionally, the student must have attained a 3.2 GPA in business courses and a 3.2 overall cumulative average. Members are eligible for scholarships at four-year institutions, and have networking and leadership opportunities available through a variety of activities.
DEGREE PROGRAMS

GENERAL EDUCATION CORE

All degree programs at HCC share a common core of learning. This core, considered General Education, is that aspect of the College’s instructional program that develops and integrates the student’s knowledge, skills, and experiences so that the student can engage effectively in a lifelong process of inquiry and decision-making.

General Education Core courses are:

- English 101 and 102 - 6 credits
- Mathematics - 3 credits
- Science - 3 credits
- Fine Arts - 3 credits
- Social Science - 3 credits
- Behavioral Science - 3 credits
- Humanities - 3 credits

Total - 24 credits

Goals and Objectives of the General Education Core

The student will be able to:

1. Demonstrate a general knowledge of the liberal arts and sciences:
   1.1 Demonstrate a knowledge of the humanities and their methods;
   1.2 Demonstrate a knowledge of the behavioral and social sciences and their methods;
   1.3 Demonstrate a knowledge of the sciences and their methods;
   1.4 Demonstrate a knowledge of fine arts and their methods;

2. Develop the ability to think critically:
   2.1 State a problem clearly;
   2.2 Observe data accurately;
   2.3 Analyze and organize facts and ideas;
   2.4 Draw reasonable inferences from facts and ideas.

3. Develop the ability to communicate effectively:
   3.1 Write and speak clearly in standard English;
   3.2 Receive and comprehend written and oral information;
   3.3 Develop and explain a main idea;
   3.4 Develop an argument to persuade an audience.

4. Develop the ability to use print and electronic information systems:
   4.1 Collect and organize information about a topic;
   4.2 Access information from libraries using printed and electronic sources;
   4.3 Know the fundamentals of computer operation.

5. Develop the ability to make informed judgments concerning ethical issues:
   5.1 Recognize both personal and public ethical issues;
   5.2 Understand the consequences of a decision or a course of action.

6. Develop the ability to reason quantitatively:
   6.1 Apply arithmetic and basic algebraic skills to problem-solving;
   6.2 Interpret numerical information as presented in charts and graphs.

COMPUTER FUNDAMENTALS REQUIREMENT

All students enrolling in a degree program are required to demonstrate basic computer literacy. The College has defined the fundamentals of computer literacy as “the ability to use computers effectively. At the basic level, this means knowing how to turn a computer on and off, how to start, manipulate and stop simple application programs, and how to save and print information.” Students must satisfy this computer requirement before they graduate from the associate degree program in which they are enrolled. This requirement can be met in any one of the following ways:

- Successful performance on a College-administered computer literacy exam;
- Completion of a high school computer course with a grade of “C” or higher (an official high school transcript must be submitted with course description);
- Successful performance on a CLEP or DANTES exam in computer science and applications;
- Successful completion of a computer applications course from another accredited college or university (an official transcript must be submitted);
- Successful completion of any one of the Housatonic computer-related courses, identified in Course Descriptions.

Completion of any of these courses can be used to satisfy another degree requirement. Fulfillment of the Computer Fundamentals Requirement does not increase the total number of credits needed to finish a degree. This requirement affects all degree students who enrolled for the first time during the Fall 1997 semester or later.

TERMS YOU NEED TO KNOW

Certificate programs - short-term programs, usually 30 credits or less, intended for occupational training, upgrading, or retraining. Students receive a Certificate upon successfully fulfilling all requirements and applying for graduation.

Degree programs - academic programs requiring 60 to 68 credit hours to complete and which earn Associate in Arts or Associate in Science degrees.

Distance Learning Courses - courses offered through computer internet connection. For more information, students should contact the Admissions office.

Electives - credit courses selected by the student to supplement the required courses in the program of study. Students should consult with their faculty advisors when choosing electives. The courses from which electives may be selected are specified in the program of study.

Behavioral Sciences electives - courses included in the behavioral sciences (anthropology, psychology, sociology).

Social Sciences electives - courses included in the social sciences (economics, geography, government, history).

Business electives - courses included under the following headings: accounting, business administration, business office technology, computer science, and economics.

Fine Arts electives - courses in art (except AR 225, 226, 229, 234, 235, 237, 238, 255 and 261), music, theater (except THA 108), and creative writing (EN211).

Humanities electives - courses in humanities, literature, philosophy, religion, and foreign languages (except FR 100).

Mathematics electives - any mathematics course (except DS 091, 095).

Open electives - courses whose credits can be applied toward graduation, numbered 100 or higher.

Computer Science electives - any computer science course except CS 102, 105, 112, 203, 205, and 230.

Science electives - any course listed under biology, chemistry, engineering, natural science, physics, and health science 101 (modern nutrition). Students planning to transfer should seriously consider selecting a science elective with a laboratory.

www.hcc.commnet.edu
Accounting

Associate in Science Degree

Objective: This program provides students with basic accounting knowledge necessary for an entry-level position in that area, and it also provides the preliminary knowledge required for transfer to a four-year institution.

Program Outcomes - Students will:
- Demonstrate proficiency in accurately observing and organizing financial data.
- Demonstrate analytical and problem-solving skills.
- Demonstrate the use of accounting principles and procedures as they apply to the recording and reporting of financial information.
- Demonstrate proficiency in valuing, recording, and reporting the business entity's assets, liabilities, and equity.
- Demonstrate proficiency in the use of financial data in planning, controlling, and evaluating entity performance.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
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<tbody>
<tr>
<td>English 101</td>
<td>3</td>
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<tr>
<td>Mathematics</td>
<td>3-4</td>
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<tr>
<td>*Business 103</td>
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<tr>
<td>*Accounting 101</td>
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<tr>
<td>*Humanities</td>
<td>3</td>
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<tr>
<td>*English 102</td>
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<tr>
<td>Science</td>
<td>3-4</td>
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<tr>
<td>*Business 215</td>
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<tr>
<td>*Accounting 210</td>
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<tr>
<td>*Accounting 204</td>
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<tr>
<td>*Fine Arts</td>
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<tr>
<td>*Business 221</td>
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<td>*Accounting 210</td>
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<tr>
<td>*Business2</td>
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<tr>
<td>*Economics 203</td>
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<td>*Business 211</td>
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<td>*Accounting 211</td>
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<td>*Business 222</td>
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<td>*Business3</td>
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<tr>
<td>*Behavioral Science</td>
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<td>*Accounting 211</td>
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<td>*Business 222</td>
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<tr>
<td>*Behavioral Science</td>
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</table>

Total Credits 61 - 63

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
1 MA 115 or higher.
2 Alternate may not be taken as a Business elective.
3 Transfer students are strongly advised to take AC 212 but should contact four-year institution for approval. Career Accounting students should elect AC 105, 204 or 212 for their Business electives. Electives should be selected on basis of career objective and selections made after consultation with Accounting advisor.

NOTE: Accounting 100 may not be used as a Business elective in this program.

Accounting Assistant Option

Associate in Science Degree

Objective: This program is designed to qualify the student for employment as a full-charge bookkeeper or accounting assistant and to enable the student currently employed in these positions to enhance his or her knowledge for advancement purposes. The basic mechanics of bookkeeping and accounting theory are complemented by extensive study of computers and computer applications relative to the bookkeeping and accounting process.

Program Outcomes - Students will:
- Demonstrate analytical and problem-solving skills.
- Demonstrate the use of accounting principles and procedures as they apply to the recording and reporting of financial information.
- Demonstrate proficiency in applying financial accounting data in the preparation of the business entity's Federal and State payroll tax, sales tax, and income tax returns.
- Demonstrate proficiency in the use of accounting and spreadsheet software.
- Demonstrate the use of financial data in controlling and evaluating entity performance.

Suggested Sequence of Courses

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<td>*Behavioral Science</td>
<td>3</td>
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</table>

Total Credits 60 - 63

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
1 MA 115 or higher.
2 Alternate may not be taken as a Business elective.
3 CS 105 or BOT 120 should be selected unless the student has adequate computer background. AC 204, BOT 102, BOT 205 electives should be considered for second Business elective in conjunction with recommendations of program advisor.

NOTE: Accounting 100 may not be used as a Business elective in this program.
Associate in Science Degree

Objective: The goal of this program is to expand higher education opportunities for the graduates of the FAA certified post-secondary airframe and powerplant mechanics program. Enrollment in this program is restricted to students who have successfully completed a Federal Aviation Administration program in Airframe and Powerplant Mechanics and have an active FAA license.

Students receive 30 college credits for the Airframe and Powerplant Mechanics coursework provided they have passed the certification examination administered by the Federal Aviation Administration.

Program Outcomes - Students will:
- Pass the certification examination administered by the Federal Aviation Administration.
- Complete the general education courses in satisfaction of the associate degree requirements.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Credits from Airframe and Powerplant Mechanics coursework</th>
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<tr>
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Total Credits 60 - 64

* Prerequisite or Parallel is or may be required. Please check individual course descriptions for details.

NOTE: A minimum of 15 credits in 200-level courses is required.
Objective: This program provides the student with the basic general business knowledge necessary for the start of a business career, and it provides the student with the preliminary knowledge required for transfer to a more specialized four-year business major.

Program Outcomes - Students will:

- Demonstrate an understanding of basic theory and practice of business and business administration.
- Demonstrate the ability to read, understand, and prepare standard types of business communications.
- Demonstrate analytical, problem-solving, and decision-making skills applicable to business and business administration.
- Demonstrate proficiency in the use and interpretation of data and information as applied to the various applications in business administration.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Credits</th>
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<tr>
<td>Freshman Year</td>
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<tr>
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<td>or</td>
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<td>*Business 110 Introduction to Business</td>
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<tr>
<td>*Business 140 Survey of International Business</td>
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<tr>
<td>*Accounting 101 Financial Accounting</td>
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<tr>
<td>*Computer Science 105 Introduction to Computer Applications</td>
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<td>*English 102 Composition &amp; Literature</td>
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<td>*Accounting 102 Managerial Accounting</td>
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<td>*Science Elective</td>
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</table>

Total Credits 61 - 63

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
1 MA 115 or higher.
2 Alternate may not be taken as a Business elective.
3 Business electives should be selected in consultation with a Business advisor. Business electives may be chosen from Accounting, Business, Computer Science, alternate Economics course, and Business Office Technology courses.

NOTE: Accounting 100 cannot be used as a Business elective in this program.
Customer Service/Marketing Option
Associate in Science Degree

Objective: This program provides students with knowledge, techniques, and perspectives in the theory and practice of customer service and marketing. The program prepares students for careers in customer service and marketing.

Program Outcomes - Students will:
- Demonstrate an understanding of basic theory and practice of business administration and customer service marketing.
- Demonstrate the ability to read, understand, and prepare standard types of business communications.
- Demonstrate analytical, problem-solving, and decision-making skills applicable to business administration, customer service and marketing.
- Demonstrate proficiency in the use and interpretation of data and information as applied to the various applications in business administration, customer service and marketing.

Suggested Sequence of Courses

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**Sophomore Year**

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<td>Behavioral Science</td>
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</table>

Total Credits: 61 - 63

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

Finance Option
Associate in Science Degree

Objective: This program provides students with an understanding of the principles and concepts of finance within the general framework of basic general business knowledge. It is designed for the student planning a career in financial or general business management. This program provides the preliminary knowledge required for transfer to a four-year institution and for an entry-level position in finance.

Program Outcomes - Students will:
- Demonstrate an understanding of basic theory and practice of business administration and finance.
- Demonstrate the ability to read, understand, and prepare standard types of business communications.
- Demonstrate analytical, problem-solving, and decision-making skills applicable to business administration and finance.
- Demonstrate proficiency in the use and interpretation of data and information as applied to the various applications in business administration and finance.

Suggested Sequence of Courses

**Freshman Year**

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<th>Course</th>
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**Sophomore Year**

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</table>

Total Credits: 61 - 63

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1 MA 115 or higher.

2 BU 110 is highly recommended. Please see your academic advisor.
Management Option
Associate in Science Degree

Objective: This program provides students with knowledge, techniques and perspectives in the theory and practice of management. It prepares students for careers in management and administration.

Program Outcomes - Students will:
- Demonstrate an understanding of basic theory and practice of business administration and management.
- Demonstrate the ability to read, understand, and prepare standard types of business communications.
- Demonstrate analytical, problem-solving, and decision-making skills applicable to business administration and management.
- Demonstrate proficiency in the use and interpretation of data and information as applied to the various applications in business administration and management.

Suggested Sequence of Courses

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<td>*Behavioral Science</td>
<td>Elective 3</td>
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</table>

Total Credits: 61 - 63

Health Care Management Option
Associate in Science Degree

Objective: This program provides students with knowledge of, techniques, and perspectives in the theory and practice of health care management. It prepares students for careers in health care management and administration.

Program Outcomes - Students will:
- Demonstrate an understanding of basic theory and practice of business administration and health care management.
- Demonstrate the ability to read, understand, and prepare standard types of business communications.
- Demonstrate analytical, problem-solving, and decision-making skills applicable to business administration and health care management.
- Demonstrate proficiency in the use and interpretation of data and information as applied to the various applications in business administration and health care management.

Suggested Sequence of Courses

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Total Credits: 61 - 63

NOTES:
1. Prerequisite or Parallel may be required. Please check individual course descriptions for details.
2. MA 115 or higher.
3. Business elective must be selected in consultation with an advisor. It is recommended that courses be selected from Accounting, Business, Computer Science, alternate Economics course, or Business Office Technology.

NOTE: Accounting 100 and Business 103 cannot be used as Business electives in this program.

1. Prerequisite or Parallel may be required. Please check individual course descriptions for details.
2. MA 115 or higher.
3. BU 110 is highly recommended. Please see your academic advisor.
Human Resource Management Option
Associate in Science Degree

Objective: This program provides students with knowledge of, techniques, and perspectives in the theory and practice of human resource management. It prepares students for careers in human resource management and administration.

Program Outcomes - Students will:
- Demonstrate an understanding of basic theory and practice of business administration and human resources.
- Demonstrate the ability to read, understand, and prepare standard types of business communications.
- Demonstrate analytical, problem-solving, and decision-making skills applicable to business administration and human resources.
- Demonstrate proficiency in the use and interpretation of data and information as applied to the various applications in business administration and human resources.

Suggested Sequence of Courses

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<td>*Business 103 Principles of Small Business Management 3</td>
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<td>*Business 140 Survey of International Business 3</td>
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Total Credits 61 - 63

Non-Profit Management Option
Associate in Science Degree

Objective: This program provides students with knowledge of, techniques, and perspectives in the theory and practice of non-profit management. It prepares students for careers in non-profit management and administration.

Program Outcomes - Students will:
- Demonstrate an understanding of basic theory and practice of business administration and non-profit management.
- Demonstrate the ability to read, understand, and prepare standard types of business communications.
- Demonstrate analytical, problem-solving, and decision-making skills applicable to business administration and non-profit management.
- Demonstrate proficiency in the use and interpretation of data and information as applied to the various applications in business administration and non-profit management.

Suggested Sequence of Courses

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<td>English 101 Composition 3</td>
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<td>*Computer Science 105 Introduction to Computer Applications 4</td>
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<td>*English 102 Composition and Literature 3</td>
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<td>*Business 111 Principles of Marketing 3</td>
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<td>*Accounting 103 Accounting for Non-Profit Organizations 3</td>
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</table>

Total Credits 61 - 63

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1 MA 115 or higher.
2 BU 110 is highly recommended. Please see your academic advisor.
Small Business Management Option
Associate in Science Degree

Objective: This program is designed to develop, through its varied course offerings, an understanding of the economic and social environment within which small businesses function. Most of the course offerings afford practice in decision making under conditions of uncertainty, the same conditions prevalent in the business world.

Program Outcomes - Students will:

• Demonstrate an understanding of basic theory and practice of small business administration and entrepreneurship.
• Demonstrate the ability to read, understand, and prepare standard types of business communications.
• Demonstrate analytical, problem-solving, and decision-making skills applicable to small business administration and entrepreneurship.
• Demonstrate proficiency in the use and interpretation of data and information as applied to the various applications in small business administration and entrepreneurship.

Suggested Sequence of Courses

Freshman Year

<table>
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<tr>
<th>Course</th>
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<tr>
<td>Mathematics Elective</td>
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<tr>
<td>*Business 103 Principles of Small Business Management</td>
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<td>*Accounting 101 Financial Accounting</td>
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<td>*Computer Science 105 Introduction to Computer Applications</td>
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<td>*English 102 Composition &amp; Literature</td>
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<td>*Business 111 Principles of Marketing</td>
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<td>*Business 113 Principles of Retailing</td>
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Sophomore Year

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<tr>
<td>*Business 215 Finance</td>
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</tr>
<tr>
<td>*Business 221 Business Law I</td>
<td>3</td>
</tr>
<tr>
<td>*Economics 203 Fundamentals of Micro-Economics</td>
<td>3</td>
</tr>
<tr>
<td>or *Economics 204 Fundamentals of Macro-Economics</td>
<td>3</td>
</tr>
<tr>
<td>*Business Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Business 216 Entrepreneurship &amp; Franchising</td>
<td>3</td>
</tr>
<tr>
<td>*Business 211 Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>*Humanities Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Behavioral Science Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 61 - 63

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1 MA 115 or higher.
2 Business electives should be selected in consultation with a Business advisor. It is recommended that these electives be selected from the following: BU 140, BU 240, BU 243 or BU 244.

NOTE: Accounting 100 and Business 110 may not be used as Business electives in this program.
Executive Assistant Option
Associate in Science Degree

Objective: This program provides students with the skills necessary to excel in an office environment. Students become proficient in keyboarding, word processing, office procedures, office management skills, interpersonal skills, and customer service or help desk orientation as well as decision-making and problem-solving techniques. Students are encouraged to develop individual areas of interest through elective courses and through part-time and summer employment.

Program Outcomes - Students will:
- Read, understand, and prepare standard types of documents with speed and accuracy.
- Compose business documents that are clear, concise, complete, and courteous.
- Possess appropriate skills in the following software applications: operating system, word processing, spreadsheet, database management, integrated office applications, presentation graphics and other software appropriate for the office environment.
- Employ appropriate administrative office procedures and office management decision-making and problem-solving skills and techniques.
- Apply communication skills related to the occupation, including, but not limited to, reading, writing, listening, verbal, and nonverbal communication.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*Accounting 101 Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>*Bus. Office Tech. 102 Keyboarding I</td>
<td>3</td>
</tr>
<tr>
<td>*Bus. Office Tech. 120 Introduction to the Personal Computer</td>
<td>3</td>
</tr>
<tr>
<td>*English 102 Composition &amp; Literature</td>
<td>3</td>
</tr>
<tr>
<td>Science Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*Bus. Office Tech. 103 Keyboarding II</td>
<td>3</td>
</tr>
<tr>
<td>*Bus. Office Tech. 218 Word Processing Software Package</td>
<td>3</td>
</tr>
<tr>
<td>*Business Elective</td>
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<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Fine Arts Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Bus. Office Tech. 223 Computer Integrated Applications</td>
<td>3</td>
</tr>
<tr>
<td>*Bus. Office Tech. Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Bus. Office Tech. 212 Administrative Office Procedures</td>
<td>3</td>
</tr>
<tr>
<td>*Economics 203 Fundamentals of Micro-Economics</td>
<td>3</td>
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<td>*Economics 204 Fundamentals of Macro-Economics</td>
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<tr>
<td>*Humanities Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Bus. Office Tech. 205 Office Management</td>
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<td>*Behavioral Science Elective</td>
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<tr>
<td>*Business Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Business 211 Business Communications</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 60 - 62

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
1 MA 091, DS 091, DS 095 not acceptable.
2 Three credits must be a 200 level BOT course. Must be approved by BOT advisor.
3 Business electives may be chosen from Accounting, Business, Computer Science, alternate Economics course, or BOT courses. Must be approved by advisor.

NOTE: Accounting 100 may not be used as a Business elective.
Business Office Technology:

Word/Information Processing Specialist Option
Associate in Science Degree

Objective: This program provides students with the skills necessary to excel in a word/information processing environment. Students become proficient in keyboarding, word processing, language arts skills, help desk activities and they are introduced to desktop publishing and office integration skills. Word Processing students are encouraged to develop individual areas of interest through part-time and summer employment.

Program Outcomes - Students will:

- Demonstrate speed and accuracy in keyboarding and computer application skills that will meet current industry standards.
- Generate complex and integrated documents using current word processing, spreadsheet, database, presentation graphics, and desktop publishing software as well as other software appropriate for the office environment.
- Use logic to make decisions, solve problems, acquire and use information, and evaluate outcomes for clarification.
- Apply mathematical skills in solving problems related to the design, format, tabulation, and presentation of business documents.
- Demonstrate a knowledge and understanding of the automated office including managing the office environment, and its systems and issues.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Credits</th>
<th>Suggested Sequence of Courses</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Freshman Year</td>
</tr>
<tr>
<td>3</td>
<td>English 101 Composition</td>
</tr>
<tr>
<td>3</td>
<td>Mathematics Elective</td>
</tr>
<tr>
<td>3</td>
<td>*Accounting 101 Financial Accounting</td>
</tr>
<tr>
<td>3</td>
<td>*Bus. Office Tech. 102 Keyboarding I</td>
</tr>
<tr>
<td>3</td>
<td>*Bus. Office Tech. 120 Introduction to the Personal Computer</td>
</tr>
<tr>
<td>3</td>
<td>*English 102 Composition &amp; Literature</td>
</tr>
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<td>3</td>
<td>*Bus. Office Tech. 103 Keyboarding II</td>
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<tr>
<td>3</td>
<td>*Bus. Office Tech. 218 Word Processing Software Package</td>
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<tr>
<td>3</td>
<td>*Bus. Office Tech. 223 Computer Integrated Applications</td>
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<td>3-4</td>
<td>*Science Elective</td>
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<td></td>
<td>Sophomore Year</td>
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<tr>
<td>3</td>
<td>*Fine Arts Elective</td>
</tr>
<tr>
<td>3</td>
<td>*Business 209 Management</td>
</tr>
<tr>
<td>3</td>
<td>or *Bus. Office Tech. 205 Office Management</td>
</tr>
<tr>
<td>3</td>
<td>*Computer Science 230 MS Office Integration</td>
</tr>
<tr>
<td>3</td>
<td>*Bus. Office Tech. 221 Help Desk Applications</td>
</tr>
<tr>
<td>3</td>
<td>*Economics 203 Fundamentals of Micro-Economics</td>
</tr>
<tr>
<td>3</td>
<td>or *Economics 204 Fundamentals of Macro-Economics</td>
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<tr>
<td>3</td>
<td>*Humanities Elective</td>
</tr>
<tr>
<td>3</td>
<td>*Bus. Office Tech. 220 Desktop Publishing</td>
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<td>3</td>
<td>*Business 211 Business Communications</td>
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<tr>
<td>3</td>
<td>*Bus. Office Tech. 216 Machine Transcription</td>
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<tr>
<td>3</td>
<td>or *Bus. Office Tech. 218 Word Processing Software Package</td>
</tr>
<tr>
<td>3</td>
<td>*Behavioral Science Elective</td>
</tr>
<tr>
<td></td>
<td>Total Credits 60 - 62</td>
</tr>
</tbody>
</table>

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
1 MA 091, DS 091, DS 095 not acceptable.
2 Either BU 209 or BOT 205 is required.
3 Must be different software package than taken previously.
Clinical Laboratory Technician Option
(formerly Medical Laboratory Technician)
Associate in Science Degree

Objective: The Clinical Laboratory Sciences program is designed to prepare graduates for employment in hospitals, commercial laboratories, physician office laboratories and pharmaceutical companies. Upon program completion, students are eligible to take national certification examinations. Clinical laboratory technicians follow specific procedures to perform a variety of routine diagnostic tests on blood and other body fluids in chemistry, hematology, urinalysis, immunohematology, microbiology, and immunology. Thus, CLTs, in cooperation with other laboratory personnel, provide physicians with valuable information needed in the care of patients. The curriculum combines the general college core courses in the humanities and sciences with clinical courses. Area hospital laboratories provide the environment where students perform all laboratory procedures, learn interpersonal skills, study diseases, and relate laboratory medicine to other aspects of health care.

Program Outcomes - Students will:
- Collect and prepare clinical specimens for analysis.
- Operate laboratory instruments.
- Perform a variety of diagnostic analyses according to prescribed methodology.
- Monitor and assess the quality of data generated.
- Recognize problems that may occur during testing.
- Describe principles, reactions, and reagents for each method studied.
- Relate test results to other patient information to the extent required for understanding the analyses.
- Demonstrate behavior and attitudes consistent with those of laboratory professionals.

Admissions Guidelines

Students who wish to be considered for admission to the Clinical Laboratory Sciences program must present credentials matching the following guidelines:

All students must submit a high school transcript or G.E.D., including one year each of biology and chemistry and two years of algebra with grades of "C" or better within the last five years (equivalent courses taken in college are acceptable substitutes). An interview with the Program Director is required.

All students must take placement tests in English, mathematics, and reading and place above the developmental level prior to enrolling in CLS 101.

Admission to the program is selective and completion of minimum requirements does not guarantee acceptance. Criteria such as completion of non-CLS courses, date of application and date of completion of minimum requirements may be used in the decision process.

Special Requirements

Students are required to obtain a grade of "C" or higher in Science and CLS courses for progression in the program. Students are also required to purchase their own malpractice insurance, uniforms, and to provide their own transportation to and from all clinical assignments. In addition to having a physical examination and Hepatitis B immunization, drug screening may be required of students prior to entering the practicum.

Suggested Sequence of Courses

Freshman Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>English 101</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Mathematics 104</td>
<td>Introduction to Statistics</td>
<td>3</td>
</tr>
<tr>
<td>*Biology 212</td>
<td>Anatomy &amp; Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>*Chemistry 110</td>
<td>Principles of Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>Clinical Lab Sc. 101</td>
<td>Introduction to Clinical Laboratory Sciences I</td>
<td>2</td>
</tr>
<tr>
<td>*English 102</td>
<td>Composition &amp; Literature</td>
<td>3</td>
</tr>
<tr>
<td>*Biology 213</td>
<td>Anatomy &amp; Physiology II</td>
<td>4</td>
</tr>
<tr>
<td>*Biology 203</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>*Chemistry 111</td>
<td>Principles of Chemistry II</td>
<td>4</td>
</tr>
<tr>
<td>*Clinical Lab Sc. 102</td>
<td>Introduction to Clinical Laboratory Sciences II</td>
<td>2</td>
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</table>

Summer Session

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Clinical Lab Sc. 201</td>
<td>Laboratory Practicum I</td>
<td>4</td>
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</table>

Sophomore Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Chemistry 206</td>
<td>Biochemistry</td>
<td>4</td>
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<tr>
<td>Mathematics Elective</td>
<td>3-4</td>
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</tr>
<tr>
<td>*Clinical Lab. Sc. 202</td>
<td>Laboratory Practicum II</td>
<td>4</td>
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<tr>
<td>*Clinical Lab. Sc. 204</td>
<td>Clinical Laboratory Seminar I</td>
<td>3</td>
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<tr>
<td>Behavioral Science Elective</td>
<td>3</td>
<td></td>
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<tr>
<td>Humanities Elective</td>
<td>3</td>
<td></td>
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<tr>
<td>*Clinical Lab. Sc. 203</td>
<td>Laboratory Practicum III</td>
<td>4</td>
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<tr>
<td>*Clinical Lab. Sc. 205</td>
<td>Clinical Laboratory Seminar II</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 64 - 65

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1 MA 115 or higher.

2 Psychology 101 or Sociology 101 strongly recommended.

NOTE: Laboratory Practicum I, II and III are held at affiliated hospitals: Milford Hospital, Norwalk Hospital and St. Vincent's Medical Center.

The program is accredited by: National Accrediting Agency for Clinical Laboratory Sciences, 8410 West Bryn Mawr, Chicago, IL, (773)714-8880.
Clinical Laboratory Sciences:

Biotechnology Option
Associate in Science Degree

Objective: The Clinical Laboratory Sciences Option in Biotechnology is designed to prepare graduates with the necessary skills, knowledge, and attributes for a career in biotechnology as a Biotechnology Laboratory Technician. Students who complete this program may wish to further their education at four-year institutions or seek employment as technicians in pharmaceutical, agricultural, environmental, forensic or medical industries.

Program Outcomes - Students will:
• Operate laboratory instruments.
• Perform a variety of experiments according to prescribed methodology.
• Monitor and assess the quality of data generated.
• Recognize problems that may occur during experiments.
• Describe principles, reactions, and reagents for each method studied.
• Relate results to other information to the extent required for understanding the experiments.
• Demonstrate behavior and attitudes consistent with those of laboratory professionals.

Admissions Guidelines
Students who wish to be considered for admission to the CLS, Biotechnology Option program must present credentials matching the following guidelines: All students must submit a high school transcript or G.E.D., including one year each of biology and chemistry and two years of algebra with grades of "C" or better within the last five years (equivalent courses taken in college are acceptable substitutes). An interview with the Program Coordinator is required.

All students must take placement tests in English, mathematics, and reading, and place above the developmental level prior to enrolling in CLS 101.

Admission to the program is selective and completion of minimum requirements does not guarantee acceptance. Criteria such as completion of non-CLS courses, date of application and date of completion of minimum requirements may be used in the decision process.

Special Requirements
Students are required to obtain a grade of “C” or higher in Science and CLS courses for progression in the program. Students are also required to purchase their own malpractice insurance, uniforms, and to provide their own transportation to and from practicum assignment.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English 101 Composition</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Mathematics 104 Introduction to Statistics</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Biology 121 General Biology I</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Chemistry 110 Principles of Chemistry I</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>English 102 Composition &amp; Literature</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Biology 203 Microbiology</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Chemistry 111 Principles of Chemistry II</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Clinical Lab. Sc. 101 Introduction to Clinical Laboratory Sciences I</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>Clinical Lab. Sc. 102 Introduction to Clinical Laboratory Sciences II</strong></td>
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<thead>
<tr>
<th>Summer/Fall/Spring Session</th>
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<tbody>
<tr>
<td><strong>Clinical Lab. Sc. 201 Laboratory Practicum I</strong></td>
<td>4</td>
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<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Chemistry 206 Biochemistry</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Mathematics Elective</strong></td>
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</tr>
<tr>
<td><strong>Biology 212 Anatomy &amp; Physiology I</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Biology 213 Anatomy &amp; Physiology II</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Clinical Lab. Sc. 212 Molecular Biotechniques</strong></td>
<td>4</td>
</tr>
<tr>
<td><strong>Natural Science 225 Special Problems in Natural Sciences</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Clinical Lab Sc. 213 Biotechnology Laboratory Seminar</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Behavioral Science Elective</strong></td>
<td>3</td>
</tr>
<tr>
<td><strong>Humanities Elective</strong></td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 64 - 65

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1 MA 115 or higher.

2 Psychology 101 or Sociology 101 strongly recommended.

NOTE: Laboratory Practicum I held at an affiliated Biotechnology Laboratory.
**Computer Information Systems**

**Associate in Science Degree**

**Objective:** This program provides instruction in business-related computer information technology for persons who wish to upgrade their current professional skills or for those actively seeking employment in various computer positions.

**Program Outcomes - Students will:**
- Demonstrate understanding of information technology necessary for entry-level employment and advancement.
- Demonstrate desirable attitudes and work habits, including creative thinking, the ability to solve problems, cooperation, good judgment, responsibility and self-reliance.
- Communicate clearly both verbally and in writing.
- Demonstrate knowledge of terminology and structure of various programming languages, personal computers, and the use of software tools in the workplace.
- Troubleshoot common programming and software problems and test for solutions.
- Develop, write, debug, and test simple programs in Visual BASIC and other languages.
- Demonstrate a commitment to professional organizations and continuing education.

**Suggested Sequence of Courses**

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
<td>3</td>
</tr>
<tr>
<td>*Mathematics 115</td>
<td>Intermediate Algebra 3-4</td>
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<tr>
<td>*Mathematics 130</td>
<td>Precalculus</td>
</tr>
<tr>
<td>*Mathematics 201</td>
<td>Calculus I</td>
</tr>
<tr>
<td>*Computer Science 105</td>
<td>Introduction to Computer Applications 4</td>
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<tr>
<td>*Computer Science 120</td>
<td>Disk Operating Systems 3</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*English 102</td>
<td>Composition &amp; Literature 3</td>
</tr>
<tr>
<td>*Computer Science 111</td>
<td>Introduction to Visual Basic 3</td>
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<tr>
<td>Computer Science</td>
<td>Application Elective 3</td>
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<tr>
<td>Behavioral Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Elective 3</td>
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</table>

<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fine Arts</td>
<td>Elective 3</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Electives 6-7</td>
</tr>
<tr>
<td>Science</td>
<td>Elective 3-4</td>
</tr>
<tr>
<td>*Computer Science 206</td>
<td>Data Communications 3</td>
</tr>
<tr>
<td>*Economics 203</td>
<td>Fundamentals of Micro-Economics 3</td>
</tr>
<tr>
<td>or *Economics 204</td>
<td>Fundamentals of Macro-Economics 3</td>
</tr>
<tr>
<td>*Business 211</td>
<td>Business Communications 3</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Application Elective 3</td>
</tr>
<tr>
<td>Computer Science</td>
<td>Elective 6-7</td>
</tr>
</tbody>
</table>

**Total Credits 61 - 65**

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

**Criminal Justice**

**Associate in Science Degree**

**Objective:** This program is designed as an occupational career program to provide students with the professional knowledge, skills, and techniques required in the area of criminal justice. Students may specialize in the following options: law enforcement; administration, corrections, investigation, juvenile justice, and security and loss prevention. Course offerings are transferable to four-year institutions having programs in criminal justice, public administration, social sciences, etc.

**Program Outcomes - Students will:**
- Identify and explain the basic structures and functions of the American criminal justice system, and the impacts of sociological, psychological, political, and legal conditions on the system.
- Identify and explain the basic theories and applications of criminology.
- Identify and explain the basic concepts and functions of criminal law.
- Identify and explain the major instruments of data collection in the criminal justice system.
- Identify and explain the current problems facing the criminal justice system.
- Recognize and apply the relevant elements of the United States Constitution to criminal justice practices.
- Integrate the theoretical, practical, and ethical issues and applications within the criminal justice system.

**Suggested Sequence of Courses**

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
<td>Composition 3</td>
</tr>
<tr>
<td>*Government 101</td>
<td>Introduction to American Government 3</td>
</tr>
<tr>
<td>*Psychology 101</td>
<td>Introduction to Psychology 3</td>
</tr>
<tr>
<td>*Sociology 101</td>
<td>Principles of Sociology 3</td>
</tr>
<tr>
<td>*Criminal Justice 111</td>
<td>Introduction to Criminal Justice 3</td>
</tr>
<tr>
<td>*English 102</td>
<td>Composition &amp; Literature 3</td>
</tr>
<tr>
<td>*History 201</td>
<td>American History I 3</td>
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<tr>
<td>or *History 202</td>
<td>American History II 3-4</td>
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<tr>
<td>Mathematics</td>
<td>Elective 3-4</td>
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<tr>
<td>*Criminal Justice 105</td>
<td>Criminal Law 3</td>
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<td>*Criminal Justice</td>
<td>Elective 3</td>
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<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Criminal Justice 201</td>
<td>Criminal Law 3</td>
</tr>
<tr>
<td>*Criminal Justice</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Science</td>
<td>Elective 3-4</td>
</tr>
<tr>
<td>*Fine Arts</td>
<td>Elective 3</td>
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<td>*Restricted</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Criminal Justice 215</td>
<td>Evidence and Criminal Procedure 3</td>
</tr>
<tr>
<td>*Criminal Justice 220</td>
<td>Criminal Justice Practicum 3</td>
</tr>
<tr>
<td>*Restricted</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Open</td>
<td>Electives 6-8</td>
</tr>
</tbody>
</table>

**Total Credits 60 - 64**

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1. Application electives are BOT 120, 218, CS 102, 112, 203, 205, 230 and other application courses as they are created.
2. Computer Science electives must be selected in consultation with the program advisor based on the student's career objectives and should be made after consultation with the program advisor.
3. Restricted and Open electives cannot be Criminal Justice courses. Restricted electives should be selected after consultation with the program advisor.

NOTE: A minimum of 15 credits must be taken in 200-level courses.
Early Childhood Education

Associate in Science Degree

Objective: This program is designed to prepare qualified students to become teachers and teachers' assistants in the field of professional child care. This program equips students with the skills and competencies to work effectively with young children in a variety of educational settings. Instruction is designed to be practical and heavily supplemented with field observations, internships, workshops, and seminars.

Program Outcomes - Students will:

- Identify the theoretical and philosophical approaches to early childhood education within the context of children's diverse cognitive, linguistic, physical, social, emotional, and cultural needs.
- Plan curricula consistent with developmentally appropriate practices based on knowledge of child development and observation, individual children's needs, and the environment.
- Implement a learning environment that supports all aspects of the well-being of all children including those with special needs and diverse backgrounds.
- Define collaborative strategies that help in establishing and maintaining relationships with families and the community to support children's growth and development.
- Communicate effectively with other professionals to support children's development, learning and well-being. Examine professional responsibilities including professional development, advocacy, and ethical conduct.
- Demonstrate the ability to link theory and practice in early childhood setting. Access professional literature, organizations, and other resources to inform and improve practice.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
<td>Composition 3</td>
</tr>
<tr>
<td>*Psychology 101</td>
<td>Introduction to Psychology 3</td>
</tr>
<tr>
<td>*Science</td>
<td>Elective 3-4</td>
</tr>
<tr>
<td>Early Child Ed. 101</td>
<td>Introduction to Early Childhood Ed. 3</td>
</tr>
<tr>
<td>Early Child Ed. 106</td>
<td>Teaching Children Music 3</td>
</tr>
<tr>
<td>*English 102</td>
<td>Composition &amp; Literature 3</td>
</tr>
<tr>
<td>*Sociology 101</td>
<td>Principles of Sociology 3</td>
</tr>
<tr>
<td>*Psychology 205</td>
<td>Child Psychology &amp; Development 3</td>
</tr>
<tr>
<td>Art 115</td>
<td>Teaching Children Art 3</td>
</tr>
<tr>
<td>*Early Child Ed. 103</td>
<td>Seminar I 1</td>
</tr>
<tr>
<td>*Early Child Ed. 104</td>
<td>Field Observation 2</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Humanities</td>
<td>Elective 3-4</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Elective 3-4</td>
</tr>
<tr>
<td>*History 201</td>
<td>American History I 3</td>
</tr>
<tr>
<td>or History 202</td>
<td>American History II 3</td>
</tr>
<tr>
<td>Early Child Ed. 201</td>
<td>Learning Development in the Classroom 3</td>
</tr>
<tr>
<td>Early Child Ed. 207</td>
<td>Natural Sciences and Safety for Children 3</td>
</tr>
<tr>
<td>*Early Child Ed./ Human Services</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Open</td>
<td>Elective 3-6</td>
</tr>
<tr>
<td>*Early Child Ed. 205</td>
<td>Internship Seminar 2</td>
</tr>
<tr>
<td>*Early Child Ed. 206</td>
<td>Internship 4</td>
</tr>
<tr>
<td>Early Child Ed. 208</td>
<td>Children's Language and Literature 3</td>
</tr>
</tbody>
</table>

| Total Hours | 60 - 65 |

*Prerequisite or Parallel may be required. Please check individual course descriptions for details.

Special Education Option

Associate in Science Degree

Objective: This option prepares students for a career in educational programs designed for exceptional and special learners. Students participate in internships in special education environments.

Program Outcomes:

- Identical to those of the Early Childhood Education program with an emphasis focused on special needs children.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Child Ed. 200</td>
<td>Methods in Special Education 3</td>
</tr>
<tr>
<td>*Psychology 101</td>
<td>Introduction to Psychology 3</td>
</tr>
<tr>
<td>*Science</td>
<td>Elective 3-4</td>
</tr>
<tr>
<td>Early Child Ed. 105</td>
<td>Introduction to Special Education 3</td>
</tr>
<tr>
<td>Early Child Ed. 106</td>
<td>Teaching Children Music 3</td>
</tr>
<tr>
<td>*English 102</td>
<td>Composition &amp; Literature 3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Elective 3-4</td>
</tr>
<tr>
<td>Art 115</td>
<td>Teaching Children Art 3</td>
</tr>
<tr>
<td>*Sociology 101</td>
<td>Principles of Sociology 3</td>
</tr>
<tr>
<td>*Early Child Ed. 103</td>
<td>Seminar I 1</td>
</tr>
<tr>
<td>*Early Child Ed. 104</td>
<td>Field Observation 2</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Early Child Ed. 205</td>
<td>Internship Seminar 2</td>
</tr>
<tr>
<td>Early Child Ed. 206</td>
<td>Internship 4</td>
</tr>
<tr>
<td>Early Child Ed. 208</td>
<td>Children's Language &amp; Literature 3</td>
</tr>
<tr>
<td>*Early Child Ed/ Human Services</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Open</td>
<td>Elective 3-4</td>
</tr>
</tbody>
</table>

| Total Credits | 60 - 63 |

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

To meet state articulation requirements, transfer students must take the following courses: Science must be a laboratory science; Math: must be MA 104 or higher; Human Services/Child Care: must be an ECE special education course; Open: Computer Science course recommended. Transfer students must have a 2.7 GPA and pass the state-mandated skills examination (PRAXIS I) before they can be admitted into a university education program.
Associate in Arts Degree

Objective: The following combination of courses allows any student to obtain both an Associate in Arts Degree and to transfer into most four-year colleges offering programs in Fine Art, Art Education, and Art History.

Program Outcomes - Students will:
• Attain mastery of the basic conventions of drawing and design.
• Become competent in a variety of artistic media.
• Demonstrate visual thinking and productive problem-solving.
• Enhance visual literacy and esthetic appreciation, through the study of art history, of the culture we have inherited.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Suggested Sequence of Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman Year</strong></td>
<td></td>
</tr>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Art 121 Art History Survey I: Prehistory to Medieval</td>
<td>3</td>
</tr>
<tr>
<td>Art 103 Design I</td>
<td>3</td>
</tr>
<tr>
<td>Art 105 Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*English 102 Composition &amp; Literature</td>
<td>3</td>
</tr>
<tr>
<td>*Art 122 Art History Survey II: Renaissance to Romanticism</td>
<td>3</td>
</tr>
<tr>
<td>*Art 104 Design II</td>
<td>3</td>
</tr>
<tr>
<td>*Art 106 Drawing II</td>
<td>3</td>
</tr>
<tr>
<td>*Behavioral Science Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Sophomore Year</strong></td>
<td></td>
</tr>
<tr>
<td>*Humanities Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Art 123 Art History Survey III: Impressionism to the Present</td>
<td>3</td>
</tr>
<tr>
<td>*Art Sculpture Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Art 245 Figure Drawing</td>
<td>3</td>
</tr>
<tr>
<td>*Science Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>Art Painting Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Social Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>Art 225 Digital Publication I</td>
<td>3</td>
</tr>
<tr>
<td>Art Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Open Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>Total Credits</td>
<td>60 - 63</td>
</tr>
</tbody>
</table>

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
1 MA 091, DS 091, DS 095 not acceptable.
2 Choose from: Sculpture: Constructions; Sculpture: Modeling and Carving.
3 Choose from: Painting: Acrylic, Painting: Oil; Painting: Watercolor.
4 Cannot be an art course.

NOTE: A minimum of 15 credits in 200-level courses is required.

Graphic Design

Associate in Science Degree

Objective: The following combination of courses allows any student to obtain both an Associate in Science degree and to transfer into most four-year colleges offering programs in Graphic Design. Students are also prepared for entry-level positions in graphic design and related fields.

Program Outcomes - Students will:
• Attain mastery of the basic conventions of drawing and design.
• Become competent in the specific skills that are required in today's graphic design industry.
• Demonstrate the skills necessary for visual thinking and productive problem-solving.
• Attain an expanded awareness and a critical understanding of graphic design products.
• Become familiar with the computer graphics software products that are industry standards.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Suggested Sequence of Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman Year</strong></td>
<td></td>
</tr>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics Elective</td>
<td>3-4</td>
</tr>
<tr>
<td><em>Art History</em> Art History Elective</td>
<td>3</td>
</tr>
<tr>
<td>Art 103 Design I</td>
<td>3</td>
</tr>
<tr>
<td>Art 105 Drawing I</td>
<td>3</td>
</tr>
<tr>
<td>*English 102 Composition &amp; Literature</td>
<td>3</td>
</tr>
<tr>
<td>*Art 225 Digital Publication I</td>
<td>3</td>
</tr>
<tr>
<td>*Art 104 Design II</td>
<td>3</td>
</tr>
<tr>
<td>*Art 106 Drawing II</td>
<td>3</td>
</tr>
<tr>
<td>*Behavioral Science Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Sophomore Year</strong></td>
<td></td>
</tr>
<tr>
<td>*Humanities Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Social Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Science Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*Art 212 Photography I</td>
<td>3</td>
</tr>
<tr>
<td>*Art 237 Graphic Design</td>
<td>3</td>
</tr>
<tr>
<td>*Art 229 Digital Imaging (Photoshop/Illustrator)</td>
<td>3</td>
</tr>
<tr>
<td>*Art 226 Digital Publication II (Desktop Publishing)</td>
<td>3</td>
</tr>
<tr>
<td>Art 238 Illustration</td>
<td>3</td>
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<tr>
<td>*Art Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Open Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>Total Credits</td>
<td>60 - 63</td>
</tr>
</tbody>
</table>

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
1 MA 091, DS 091, DS 095 not acceptable.
2 Choose from: Art History Survey I: Prehistory to Medieval; Art History Survey II: Renaissance to Romanticism; Art History Survey III: Impressionism to Present.
3 It is suggested that students discuss selection of elective with program coordinator.
Computer Graphics Option
Associate in Science Degree

Objectives: This program prepares students for entry-level positions in graphic design and related fields, especially those pertaining to computer graphics. The program provides the opportunity to transfer to a four-year institution offering programs in graphic design.

Program Outcomes - Students will:
- Attain mastery of the basic conventions of drawing and design.
- Become competent in the specific skills that are required in today's graphic design industry.
- Demonstrate the skills necessary for visual thinking and productive problem-solving.
- Attain an expanded awareness and a critical understanding of graphic design products.
- Become familiar with the computer graphics software products that have become industry standards.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
<td>Composition 3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Elective 3-4</td>
</tr>
<tr>
<td>*Art 103</td>
<td>Design I 3</td>
</tr>
<tr>
<td>*Art 105</td>
<td>Drawing I 3</td>
</tr>
<tr>
<td>*English 102</td>
<td>Composition &amp; Literature 3</td>
</tr>
<tr>
<td>*Art 225</td>
<td>Digital Publications I 3</td>
</tr>
<tr>
<td>*Art History</td>
<td>Art History Elective 3</td>
</tr>
<tr>
<td>*Art 104</td>
<td>Design II 3</td>
</tr>
<tr>
<td>*Art 106</td>
<td>Drawing II 3</td>
</tr>
<tr>
<td>Behavioral Science</td>
<td>Elective 3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Humanities</td>
<td>Elective 3</td>
</tr>
<tr>
<td>Social Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>Science</td>
<td>Elective 3-4</td>
</tr>
<tr>
<td>*Art 212</td>
<td>Photography I 3</td>
</tr>
<tr>
<td>*Art 237</td>
<td>Graphic Design 3</td>
</tr>
<tr>
<td>*Art 229</td>
<td>Digital Imaging 3</td>
</tr>
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<td>*Art 226</td>
<td>Digital Publication II 3</td>
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<td>Art Pennsylvania Elective</td>
<td>Elective 3</td>
</tr>
<tr>
<td>Open Pennsylvania Elective</td>
<td>Elective 3</td>
</tr>
</tbody>
</table>

Total Credits 60 - 62

General Studies

Associate in Science Degree

Objective: This program is designed for those who wish a broader general education background. Programs will be arranged on an individual basis through consultation with the student's advisor. A maximum of flexibility in choice of courses is permitted in this curriculum but the degree will be awarded only to those students whose programs meet the minimum requirements of this curriculum.

Program Outcomes - Students will:
- Complete the general education core requirements.
- Complete the computer fundamentals requirement.
- Explore areas of interest via extensive coursework in liberal arts, business, and career areas in anticipation of employment or transfer.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
<td>Composition 3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>Elective 3-4</td>
</tr>
<tr>
<td>*Social Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Humanities</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Open</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*English 102</td>
<td>Composition &amp; Literature 3</td>
</tr>
<tr>
<td>*Behavioral Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Science</td>
<td>Elective 3-4</td>
</tr>
<tr>
<td>*Open</td>
<td>Electives 6</td>
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</table>

<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Fine Arts</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Social Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Science</td>
<td>Elective 3-4</td>
</tr>
<tr>
<td>*Open</td>
<td>Electives 6</td>
</tr>
<tr>
<td>*Humanities</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Behavioral Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Open</td>
<td>Electives 9</td>
</tr>
</tbody>
</table>

Total Credits 60 - 63

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
1 MA 091, DS 091, DS 095 not acceptable.
2 Choose from: Art History Survey I: Prehistory to Medieval; Art History Survey II: Renaissance to Romanticism; Art History Survey III: Impressionism to Present.
4 Cannot be an art course.

NOTE: It is recommended that students take one year of a foreign language.

NOTE: A minimum of 15 credits in 200-level courses is required.
Associate in Science Degree

Objective: This program is designed to prepare qualified students for a wide variety of counseling-related employment positions in the urban-suburban region of Greater Bridgeport and surrounding metropolitan areas. Career positions in such fields as counseling, mental health, social services, substance abuse, community planning, and gerontology. Instruction is cross-disciplinary and is designed for maximum transferability for those wishing to continue their studies.

Program Outcomes - Students will:

- Demonstrate knowledge of the range of effective communication and basic counseling strategies/skills necessary to establish a collaborative relationship with the client or patient.
- Apply knowledge of formal and informal assessment practices in order to respond to the needs, desires, and interests of the client.
- Demonstrate knowledge of formal and informal supports available in the community.
- Demonstrate knowledge of the range of participatory planning techniques associated with the helping professions.
- Demonstrate the ability to match specific supports and interventions to the unique needs of individual clients and recognize the importance of friends, family, and community relationships.
- Demonstrate awareness of the diverse challenges facing clients (e.g. human-rights, legal, administrative, and financial) and be able to identify and use effective advocacy strategies to overcome such challenges.
- Demonstrate knowledge and appropriate application of crisis prevention, intervention and resolution techniques, and be able to match such techniques to particular circumstances and individuals.
- Demonstrate case-management skills with clients including the development of collaborative relationships, assisting with the identification and access to community supports, implementing plans in a collaborative and expeditious manner, promoting an advocacy position, and mobilizing resources and support necessary to assist clients.
- Understand and articulate a systems perspective for the treatment and resolution of individual, family, group, and community human service problems.
- Develop and demonstrate ethical standards and sensibilities.

Suggested Sequence of Courses

**Freshman Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
<td>3</td>
</tr>
<tr>
<td>*Government 101</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 101</td>
<td>3</td>
</tr>
<tr>
<td>*Science</td>
<td>3-4</td>
</tr>
<tr>
<td>Human Services 101</td>
<td>3</td>
</tr>
<tr>
<td>*English 102</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 210</td>
<td>3</td>
</tr>
<tr>
<td>*Sociology 101</td>
<td>3</td>
</tr>
<tr>
<td>*Human Services 201</td>
<td>3</td>
</tr>
<tr>
<td>Human Services 203</td>
<td>3</td>
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</table>

**Sophomore Year**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>*Communications 201</td>
<td>3</td>
</tr>
<tr>
<td>**Mathematics</td>
<td>3-4</td>
</tr>
<tr>
<td>Human Services 111</td>
<td>3</td>
</tr>
<tr>
<td>*Human Services 204</td>
<td>3</td>
</tr>
<tr>
<td>*Sociology or Psych.</td>
<td>3</td>
</tr>
<tr>
<td>Human Services 206</td>
<td>3</td>
</tr>
<tr>
<td>*Human Services 205</td>
<td>3</td>
</tr>
<tr>
<td>**Humanities</td>
<td>3</td>
</tr>
<tr>
<td><strong>Open</strong></td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 60 - 62

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
** All electives should be based on student's career objectives. It is required that students discuss electives with the Program Coordinator.
1 MA 091, DS 091, DS 095 not acceptable
2 Open electives cannot be in Human Services courses. Psychology and Social Science courses are recommended. It is required that students discuss choice with Program Coordinator.

Internship courses (HS 204 and HS 205) must be taken in separate semesters and approved by the Program Coordinator.
Associate in Arts Degree

Objective: The Liberal Arts and Sciences program parallels the first two years of most four-year colleges. The academic experiences in this area provide the foundation for later specialization, graduate study, and professional school. In addition to completing their pre-professional work, future lawyers, teachers, and business people develop their appreciation for the liberal arts before transferring to another institution. The program also provides enrichment in liberal arts for those wishing to acquire only an associate degree. Housatonic offers six suggested sequences of study leading to particular ends. The six sequences of study are: Humanities/Behavioral & Social Sciences; Journalism/Communications; Mathematics/Science; Computer Science; Pre-engineering Science; and Pre-Environmental Science.

The suggested sequence of courses for each area of study follows.

Humanities/Behavioral and Social Sciences

Program Outcomes - Students will:
- Recognize and explain the relationship between individual and group psychological behavior and sociological conditions.
- Identify and explain basic theories of social and psychological behavior.
- Explain the scientific methodology used for behavioral scientific research.
- Demonstrate knowledge of the history of the United States and the western world to understand life and events in the past and how they relate to one's own life experiences.
- Demonstrate an understanding of the key institutions of American government, and the process by which people in the American polity create rules and laws to regulate the dynamic relationships of individual rights and societal needs.
- Demonstrate an understanding of the American constitution and of the rights, obligations, and privileges associated with living in a representative democracy.
- Demonstrate the ability to communicate orally and in writing.
- Recognize situations that present ethical issues and understand the personal and social responsibilities of decisions involving ethical issues.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>*History 103 or 104 Survey of Western Civilization I or II</td>
<td>3-4</td>
</tr>
<tr>
<td>*Science Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*Foreign Language Elective</td>
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</tr>
<tr>
<td>*Mathematics Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*English 102 Composition &amp; Literature</td>
<td>3</td>
</tr>
<tr>
<td>*History 201 or 202 American History I or II</td>
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</tr>
<tr>
<td>*Science Elective</td>
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<tr>
<td>*Foreign Language Elective</td>
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<tr>
<td>*Mathematics Elective</td>
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<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Fine Arts Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Behavioral Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Open Elective</td>
<td>3-4</td>
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<tr>
<td>*Social Science Elective</td>
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<td>*Humanities Elective</td>
<td>3</td>
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<tr>
<td>*English Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Open Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*Open Elective</td>
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</tr>
<tr>
<td>*Behavioral Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Humanities Elective</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 60 - 65

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
1 MA 091, DS 091, DS 095 not acceptable.
2 Foreign Language Elective: Two semesters of the same language.
NOTE: A minimum of 15 credits in 200-level courses is required.
### Journalism/Communications

**Objective:** The following combination of courses within the Liberal Arts program prepares the student for transfer to a four-year college/university with a major in Journalism/Communications. It provides a background in the basic concepts and practices of contemporary communications and journalism.

**Program Outcomes - Students will:**
- Perform the basics of preparing news copy and writing leads.
- Prepare, conduct, and write interview stories.
- Write a variety of opinion pieces.
- Conduct and write in-depth reporting stories.

**Suggested Sequence of Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman Year</strong></td>
<td></td>
</tr>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*Communications 101 Introduction to Mass Media</td>
<td>3</td>
</tr>
<tr>
<td>*Communications 206 Journalism: Basic</td>
<td>3</td>
</tr>
<tr>
<td>*History 103 Survey of Western Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>*English 102 Composition and Literature</td>
<td>3</td>
</tr>
<tr>
<td>*Communications 207 Journalism: Reporting, Layout &amp; Opinion</td>
<td>3</td>
</tr>
<tr>
<td>*Communications 116 Publications Workshop I</td>
<td>3</td>
</tr>
<tr>
<td>*Science Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*History 104 Survey of Western Civilization II</td>
<td>3</td>
</tr>
<tr>
<td><strong>Sophomore Year</strong></td>
<td></td>
</tr>
<tr>
<td>*Communications 217 Publications Workshop II</td>
<td>3</td>
</tr>
<tr>
<td>*Behavioral Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Science Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*Fine Arts Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Humanities Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Literature Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Social Science Elective or Behavioral Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Open Electives</td>
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</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>60-63</td>
</tr>
</tbody>
</table>

*Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1. MA 091, DS 091, DS 095 not acceptable.
2. One year of a foreign language is recommended.

**NOTE:** A minimum of 15 credits in 200-level courses is required.

### Mathematics/Science

**Objective:** The goal of this program is to prepare science and mathematics majors to transfer to a baccalaureate degree program. Students have the opportunity to explore their interests and meet their first- and second-year program requirements in mathematics, science, computer science, humanities, and social science courses.

**Program Outcomes - Students will:**
- Understand the basic principles of the physical and/or natural sciences.
- Perform a scientific experiment and interpret results.
- Demonstrate an understanding of the major concepts of differential and integral calculus.
- Have the ability to write and document a computer program.
- Complete the general education courses in satisfaction of the associate degree requirements.

**Suggested Sequence of Courses**

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Freshman Year</strong></td>
<td></td>
</tr>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>*History 103 Survey of Western Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>*Foreign Language Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Mathematics Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*Science Elective</td>
<td>4</td>
</tr>
<tr>
<td>*English 102 Composition &amp; Literature</td>
<td>3</td>
</tr>
<tr>
<td>*History 104 Survey of Western Civilization II</td>
<td>3</td>
</tr>
<tr>
<td>*Foreign Language Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Mathematics Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*Science Elective</td>
<td>4</td>
</tr>
<tr>
<td><strong>Sophomore Year</strong></td>
<td></td>
</tr>
<tr>
<td>*Mathematics Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*Science Elective</td>
<td>4</td>
</tr>
<tr>
<td>*Fine Arts Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Foreign Language Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Social Science Elective or Behavioral Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Mathematics Elective</td>
<td>3-4</td>
</tr>
<tr>
<td>*Foreign Language Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Computer Science Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Behavioral Science Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>63-68</td>
</tr>
</tbody>
</table>

*Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1. Students not presenting two years of a high school foreign language must take 12 credit hours of one language. Students with two years of a high school foreign language may satisfy the 12 hour requirement by taking 6 additional hours of the same language at the intermediate level and 6 hours in open electives.
2. Math elective must be chosen from the following courses: MA 130, 201, 202, 203, or 204.
3. Only four-credit science courses may be used to meet this requirement. Math 115 is required prior to Chemistry 121 or 122.
4. Recommended from CS 111, 113, or 115.

**NOTE:** A minimum of 15 credits in 200-level courses is required.
Transfer Program for Elementary Education/ Psychology Specialization

Objective: This transfer program parallels the core requirements of the first two years of most four-year college elementary teacher certification programs in Connecticut. The academic experiences provide the foundation for specialization for psychology majors.

Program Outcomes - Students will:

- Recognize and explain the relationship between the individual and psychological behavior.
- Identify and explain basic theories of interpersonal and group relationships.
- Explain the scientific methodology used for behavioral scientific research.
- Demonstrate the ability to communicate orally and in writing.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>History 103 or 104</td>
<td></td>
</tr>
<tr>
<td>Biology 107 Principles of Biology</td>
<td></td>
</tr>
<tr>
<td>Foreign Language Elective</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics 115 Intermediate Algebra</td>
<td></td>
</tr>
<tr>
<td>Psychology 101 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>English 102 Composition &amp; Literature</td>
<td></td>
</tr>
<tr>
<td>Open Elective</td>
<td>3</td>
</tr>
<tr>
<td>Foreign Language Elective</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics 104 Introduction to Statistics</td>
<td>3</td>
</tr>
</tbody>
</table>

Sophomore Year

| Fine Arts Elective             | 3       |
| Psychology 205 Child Psychology and Development |     |
| Early Childhood Ed. 105 or 200 |         |
| History 201 American History I | 3       |
| Science Elective               | 4       |
| Humanities Elective            | 3       |
| Psychology 206 Adolescent Psychology |       |
| Communications 201 Effective Speaking |   |
| Open Elective                  | 3       |
| Psychology 210 Abnormal Psychology |      |

Total Credits: 62

1. Foreign Language Elective: Two semesters of the same language.
2. Fine Arts Elective: Choose from: AR 121, 122, 123, MU 101 or THA 105.
4. Humanities Elective: English 200 level Literature, English 211 not accepted.

Computer Science

Objective: The goal of this program is to prepare computer science majors to transfer to a baccalaureate degree program. Students have the opportunity to explore their interests and meet their first- and second-year requirements in computer science, mathematics, science, humanities, and social science courses.

Program Outcomes - Students will:

- Write, compile, and run effective programs in the various structured programming languages.
- Have the ability to write a documented computer program using a data structure.
- Demonstrate competence in basic digital logic.
- Understand the basic principles of the physical and/or natural sciences.
- Demonstrate an understanding of the major concepts of differential and integral calculus.
- Complete the general education courses in satisfaction of the associate degree requirements.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics Elective</td>
<td>4</td>
</tr>
<tr>
<td>History 103 Survey of Western Civilization I</td>
<td>3</td>
</tr>
<tr>
<td>or History 104 Survey of Western Civilization II</td>
<td></td>
</tr>
<tr>
<td>Science Elective</td>
<td>4</td>
</tr>
<tr>
<td>Computer Science Programming I</td>
<td>4</td>
</tr>
<tr>
<td>English 102 Composition &amp; Literature</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics Elective</td>
<td>4</td>
</tr>
<tr>
<td>Science Elective</td>
<td>4</td>
</tr>
<tr>
<td>Computer Science Fundamentals of Digital Circuits and Logic</td>
<td>4</td>
</tr>
<tr>
<td>Computer Science Programming II</td>
<td>3</td>
</tr>
</tbody>
</table>

Sophomore Year

| Fine Arts Elective             | 3       |
| Mathematics Elective           | 4       |
| Computer Science Data Structures and Algorithms | 3 |
| Humanities Elective            | 3       |
| Social Science Elective        | 3       |
| Computer Science Elective      | 3-4     |
| Behavioral Science Elective    | 3       |
| Humanities Elective            | 3       |
| Open Electives                 | 6       |

Total Credits: 66 - 67

1. Prerequisite or Parallel may be required. Check individual course descriptions for details.
2. At least 3 mathematics courses from the following: MA 130, MA 201, MA 202, MA 203, MA 204.
3. Any 4 credit science course.
4. Three credits from CS 140, CS 205, CS 111, CS 113, CS 115, CS 141, CS 205, CS 206, CS 215, or CS 216.
5. One year of foreign language is recommended.

NOTE: A minimum of 15 credits in 200-level courses is required.
## Pre-Engineering Science

**Objective:** The goal of this program is to prepare engineering science majors to transfer to a baccalaureate degree program. Students have the opportunity to meet their first- and second-year program requirements by completing engineering science, mathematics, science, computer science, humanities, and social science courses.

**Program Outcomes - Students will:**
- Understand the basic principles of the physical sciences.
- Perform a scientific experiment and interpret the results.
- Demonstrate an understanding of the major concepts of differential and integral calculus.
- Have the ability to write and document a computer program.
- Complete the general education courses in satisfaction of the associate degree requirements.

### Suggested Sequence of Course Credits

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
<td>Composition 3</td>
</tr>
<tr>
<td>*Mathematics 201</td>
<td>Calculus I 4</td>
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<tr>
<td>*Physics 205</td>
<td>Engineering Physics I 4</td>
</tr>
<tr>
<td>*Chemistry 121</td>
<td>General Chemistry I 4</td>
</tr>
<tr>
<td>*English 102</td>
<td>Composition &amp; Literature 3</td>
</tr>
<tr>
<td>*Mathematics 202</td>
<td>Calculus II 4</td>
</tr>
<tr>
<td>*Physics 206</td>
<td>Engineering Physics II 4</td>
</tr>
<tr>
<td>*Computer Science 113</td>
<td>Introduction to Fortran 3</td>
</tr>
<tr>
<td>*Chemistry 122</td>
<td>General Chemistry II 4</td>
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<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Fine Arts</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Mathematics 203</td>
<td>Calculus III 4</td>
</tr>
<tr>
<td>*Eng. Science 205</td>
<td>Introduction to Statics 3</td>
</tr>
<tr>
<td>Social Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Mathematics 204</td>
<td>Differential Equations 3</td>
</tr>
<tr>
<td>*Eng. Science 206</td>
<td>Introduction to Dynamics 3</td>
</tr>
<tr>
<td>Behavioral Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>Humanities</td>
<td>Elective 3</td>
</tr>
<tr>
<td>Open</td>
<td>Electives 6</td>
</tr>
</tbody>
</table>

Total Credits: 67

* Prerequisite or Parallel is required. Check individual course descriptions for details.

**NOTE:** Students planning to enter this program should have a strong background in high school algebra, geometry, trigonometry and functions, and in physics and chemistry. Their total high school record should indicate an ability to succeed in the Engineering program. One year of foreign language is recommended.

## Pre-Environmental Science

**Objective:** The goal of this program is to prepare environmental science majors to transfer to a baccalaureate degree program. Students have the opportunity to meet their first- and second-year program requirements in biology, chemistry, mathematics, computer science, humanities, and social science courses.

**Program Outcomes - Students will:**
- Understand the basic principles of the physical and/or natural sciences.
- Perform a scientific experiment and interpret the results.
- Demonstrate an understanding of the major concepts of differential and integral calculus.
- Have the ability to write and document a computer program.
- Complete the general education courses in satisfaction of the associate degree requirements.

### Suggested Sequence of Courses Credits

<table>
<thead>
<tr>
<th>Freshman Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
<td>Composition 3</td>
</tr>
<tr>
<td>*Mathematics 201</td>
<td>Calculus I 4</td>
</tr>
<tr>
<td>*Social Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Science 1</td>
<td>Electives 8</td>
</tr>
<tr>
<td>*English 102</td>
<td>Composition &amp; Literature 3</td>
</tr>
<tr>
<td>*Mathematics 202</td>
<td>Calculus II 4</td>
</tr>
<tr>
<td>*Behavioral Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Science 1</td>
<td>Electives 8</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Sophomore Year</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Fine Arts</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Mathematics 1</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Humanities</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Restricted 1</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Computer Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Humanities</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Social Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>Behavioral Science</td>
<td>Elective 3</td>
</tr>
<tr>
<td>*Mathematics 1</td>
<td>Elective 3</td>
</tr>
</tbody>
</table>

Total Credits: 66

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1. After consultation with an advisor, science electives should be chosen from BI 121, 122; CH 121, 122, 201, 202; PH 101, 102, 205, 206.
2. MA 091, DS 091, DS 095 not acceptable.
3. Restricted electives to be chosen after consultation with an advisor; recommended electives are appropriate mathematics and science courses.
4. Should be chosen from CS 111, 113, or 115.

**NOTE:** A minimum of 15 credits in 200-level courses is required.
Associate in Science Degree

Objectives: The goal of this program is to expand higher educational opportunities for graduates of the Bridgeport Hospital School of Nursing (BHSN) by applying the courses taken in its program towards satisfaction of associate degree requirements at Housatonic. The program provides for students entering BHSN in September 1984, and after the opportunity to receive an associate in science degree in nursing from Housatonic.

Program Outcomes - Students will:

- Graduate from Bridgeport Hospital School of Nursing.
- Pass the NCLEX-RN examination for nursing licensure.
- Complete the general education courses in satisfaction of the associate degree requirements.

Special Admission Guidelines

The Nursing program is a cooperative program with Bridgeport Hospital School of Nursing. Students expressing an interest in nursing should enroll at Housatonic in the General Studies program.

Prospective students interested in the cooperative program must have graduated from the Bridgeport Hospital School of Nursing and passed the licensure examination for nursing before applying specifically for the nursing degree program.

Note: This Associate in Science Degree program is a collaborative effort between The Bridgeport Hospital School of Nursing (BHSN) and Housatonic Community College. It provides for students entering BHSN in September 1984 and after to receive an Associate in Science Degree in Nursing from Housatonic after they graduate from the BHSN Nursing Diploma program and satisfy the requirements specified by the College. It does not require that the College requirements be satisfied in order for the BHSN graduate to sit for the NCLEX-RN Examination for nursing licensure, but students must pass the licensing exam before applying for the degree and being formally admitted to the nursing degree program.

The credit award for the hospital diploma program is based on an assessment conducted by the New York State Board of Regents' National Program on Noncollegiate Sponsored Instruction.**

Degree Requirements

Courses to be taken at Housatonic Community College:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td>*English 102</td>
<td>Composition and Literature</td>
<td>3</td>
</tr>
<tr>
<td>Psychology 101</td>
<td>Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 205</td>
<td>Child Psychology and Development</td>
<td>3</td>
</tr>
<tr>
<td>Sociology 101</td>
<td>Principles of Sociology</td>
<td>3</td>
</tr>
<tr>
<td>*Communications 201</td>
<td>Effective Speaking</td>
<td>3</td>
</tr>
<tr>
<td>*Humanities</td>
<td>Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Biology 203</td>
<td>Microbiology</td>
<td>4</td>
</tr>
<tr>
<td>*Biology 212</td>
<td>Anatomy and Physiology I</td>
<td>4</td>
</tr>
<tr>
<td>*Biology 213</td>
<td>Anatomy and Physiology II</td>
<td>4</td>
</tr>
</tbody>
</table>

Nursing specialty courses to be taken at The Bridgeport Hospital School of Nursing:

<table>
<thead>
<tr>
<th>Level</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Level I</td>
<td>Nursing I</td>
<td>6**</td>
</tr>
<tr>
<td>Level I</td>
<td>Nursing II</td>
<td>8**</td>
</tr>
<tr>
<td>Level II</td>
<td>Nursing III, IV, and V</td>
<td>19**</td>
</tr>
</tbody>
</table>

Total Credits 66

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

**The credit award for the hospital diploma program is based on an assessment conducted by the New York State Board of Regents’ National Program on Noncollegiate Sponsored Instruction.
Occupational Therapy Assistant

Associate in Science Degree

Objective: The Occupational Therapy Assistant program is designed to prepare graduates for employment in hospitals, long term care facilities, rehabilitation centers, clinics, and schools. Upon program completion, students are eligible to take state licensure exams and the national certification examinations administered by the National Board for Certification in Occupational Therapy (NBCOT).

Occupational Therapy Assistants develop, administer and modify treatment plans based on the assessment and recommendation of Registered Occupational Therapists. The purpose of Occupational Therapy is to assist people in maximizing independence after illness, trauma, disability, or injury has altered their physical, emotional, or mental abilities.

The curriculum combines the general college core courses in the humanities and sciences with clinical courses. Area school and health care facilities provide the environment where students study occupation, dysfunction, interpersonal skills, treatment planning, and intervention skills.

Program Outcomes - Students will:

• Demonstrate an understanding of the essential role of occupation in treatment.
• Utilize treatment planning principles and techniques that demonstrate sensitivity to the whole person including physical, cognitive, social, emotional, economic, and cultural diversity.
• Develop and implement a plan of treatment using appropriate modifications and grading.
• Demonstrate effective communication techniques with patients, families, caregivers, peers, and supervisors.
• Understand how OT service provision is influenced by social responsibility.
• Recognize, assess, take action, and accommodate unique treatment situations as they arise.
• Demonstrate professional behaviors with patients, families, caregivers, peers, and supervisors.
• Collaborate with patients, families, and teams to provide efficient, effective, and respectful care plans and treatment.

Admissions Guidelines

Students who wish to be considered for admission to the Occupational Therapy Assistant program must present credentials matching the following guidelines:

All students must submit a high school transcript or G.E.D., including one year of biology and two years of algebra with grades of “C” or better within the last five years (equivalent courses taken in college would be acceptable substitutes). An interview with the Program Director is required.

All students must take placement tests in English, mathematics, and reading and place above the developmental level prior to enrolling in any OTA courses.

Admission to the program is selective and completion of minimum requirements does not guarantee acceptance. Criteria such as completion of non-OTA courses, date of application, and date of completion of minimum requirements may be used in the decision process.

Special Requirements

Students are required to obtain a grade of “C” or higher in Science and OTA courses for progression in the program. Students are also required to purchase their own malpractice insurance, uniforms, and to provide their own transportation to and from all clinical assignments. In addition to having a physical examination within six months prior to entering the practicum, students must also provide evidence of immunity to Hepatitis B, and certification in CPR and First Aid before starting Level 2 Practicum. All students placed on fieldwork assignments are required to show proof of health insurance.

Students must complete all Level 2 Practicum work within 18 months following the completion of academic preparation.

Suggested Sequence of Courses Credits

Freshman Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
<td>3</td>
</tr>
<tr>
<td>*Biology 112</td>
<td>4</td>
</tr>
<tr>
<td>*Psychology 101</td>
<td>3</td>
</tr>
<tr>
<td>*OTA 110</td>
<td>3</td>
</tr>
<tr>
<td>*OTA 101</td>
<td>4</td>
</tr>
<tr>
<td>*English 102</td>
<td>3</td>
</tr>
<tr>
<td>*OTA 216</td>
<td>4</td>
</tr>
<tr>
<td>*OTA 102</td>
<td>4</td>
</tr>
<tr>
<td>*OTA 107</td>
<td>1</td>
</tr>
<tr>
<td>*OTA 109</td>
<td>3</td>
</tr>
</tbody>
</table>

Sophomore Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>*Mathematics</td>
<td>3</td>
</tr>
<tr>
<td>*Behavioral Science</td>
<td>3</td>
</tr>
<tr>
<td>*OTA 201</td>
<td>4</td>
</tr>
<tr>
<td>*OTA 202</td>
<td>4</td>
</tr>
<tr>
<td>*Social Science</td>
<td>3</td>
</tr>
<tr>
<td>*OTA 211</td>
<td>2</td>
</tr>
<tr>
<td>*OTA 215</td>
<td>1</td>
</tr>
<tr>
<td>*OTA 216</td>
<td>1</td>
</tr>
<tr>
<td>*OTA 217</td>
<td>5</td>
</tr>
<tr>
<td>*OTA 212</td>
<td>5</td>
</tr>
</tbody>
</table>

Total Credits 66

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
1 Behavioral Science elective. Highly recommended: Adolescent or Abnormal Psychology.

The Occupational Therapy Assistant Program at Housatonic Community College is accredited by the Accreditation Council for Occupational Therapy Education (ACOTE) of the American Occupational Therapy Association (AOTA) 4720 Montgomery Lane, P.O. Box 31220, Bethesda, Maryland 20824-1220 (301) 652-AOTA.

Graduates will be eligible to sit for the program’s national certification examination for the occupational therapist assistant administered by the National Board for Certification in Occupational Therapy (NBCOT). After successful completion of this exam, the individual will be a Certified Occupational Therapist Assistant (COTA). Most states require licensure in order to practice; however, state licenses are usually based on the results of the NBCOT certification examination.

Persons who have committed a felony may not be eligible to sit for the national certification exam.
Objective: The Physical Therapist Assistant Program is designed to prepare graduates for employment in hospitals, rehabilitation centers, private practices, schools, and home care agencies. Physical Therapist Assistants (PTAs) provide a variety of skilled physical therapy treatment to patients following a care plan designed by the Physical Therapist (PT) and under the supervision and direction of a PT. Upon program completion, students are eligible for registration in or licensure where required.

The curriculum combines general college courses in the humanities and sciences with clinical skill courses and clinical internship. Hospitals, out-patient departments, geriatric, and general facilities provide the environment where students practice techniques under the supervision of experienced clinicians.

Program Outcomes - Students will:
- Recognize the role and scope of the field of Physical Therapy and Physical Therapist Assistants including ethical and legal boundaries;
- Communicate appropriately and respectfully with, and educate, patients, personnel, and others;
- Demonstrate required knowledge and skills for observation, data collection, and clinical problem-solving;
- Provide, adjust, and document treatments/interventions according to an established plan of care under the supervision of a physical therapist in a safe and competent manner;
- Participate in planning, supervising, and other departmental, administrative activities as appropriate to the role of the PTA;
- Demonstrate a commitment to the public welfare through self-evaluation, lifelong learning, and advocacy for self and others.

Special Admissions Guidelines

Students who wish to be considered for admission to the Physical Therapist Assistant program must present credentials matching the following guidelines:

All students must submit a high school transcript (or G.E.D.) including one year each of biology and chemistry and two years of algebra with grades of “C” or better within the last five years (equivalent courses taken in college would be acceptable substitutes). Attendance at a Program Information Session and the submission of three Structured References is required during the calendar year prior to admission.

All students must take placement tests in English, mathematics, and reading and place above the developmental level prior to enrolling in PT 125.

Admission to the program is selective and completion of minimum requirements does not guarantee acceptance. Criteria such as completion of related non-PTA courses, date of application, and date of completion of minimum requirements may be used in the decision process.

Special Requirements

Students are required to obtain a grade of “C” or higher in science and PTA courses for progression in the program. Students are also required to purchase their own liability (malpractice) and health insurance, uniforms, and to provide their own transportation to and from all clinical assignments. In addition to having a physical examination, CPR certification, Hepatitis B immunization and drug screening may also be required of students prior to entering clinical training. Students should note that internship experiences constitute academic courses, therefore tuition and fees are applied.

The program is accredited by: The Commission on Accreditation in Physical Therapy Education, American Physical Therapy Association, 1111 North Fairfax Street, Alexandria, Virginia, 22314.

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

NOTE: Clinical internship experiences are scheduled at affiliated clinics throughout the state. Students are not routinely placed out-of-state.
Theater Arts

Associate in Arts Degree

Objective: The objective of the Theater Arts Program at Housatonic Community College is to provide a strong foundation in the Theater Arts as a creative and practical enterprise, to prepare the students for transfer, internship or employment opportunities by ensuring a working knowledge of the responsibilities and requirements of these positions, and to serve as a means to empower the students to develop to their full potential through self-discovery, discipline, teamwork and creative thought inherent in the Theater Arts process.

Program Outcomes:
Upon completion of the program students will:
• Attain an expanded awareness and critical understanding of theater methods, practices and responsibilities.
• Demonstrate competency in theater performance, production, and administrative techniques.
• Demonstrate a creative approach to interpretation and problem solving.
• Identify and construct a collaborative connection between a theater company and its community.
• Apply creative, cooperative and disciplined approach to career and personal challenges.

Suggested Sequence of Courses:

Freshman Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
<td>3</td>
</tr>
<tr>
<td>Mathematics</td>
<td>3-4</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
</tr>
<tr>
<td>THA 101</td>
<td>3</td>
</tr>
<tr>
<td>THA 107</td>
<td>3</td>
</tr>
<tr>
<td>English 102</td>
<td>3</td>
</tr>
<tr>
<td>Open</td>
<td>3</td>
</tr>
<tr>
<td>Science</td>
<td>3-4</td>
</tr>
<tr>
<td>THA 109</td>
<td>3</td>
</tr>
<tr>
<td>(prerequisite/parallel: THA 101)</td>
<td></td>
</tr>
<tr>
<td>THA 105</td>
<td>3</td>
</tr>
<tr>
<td>(prerequisite: EN 101)</td>
<td></td>
</tr>
</tbody>
</table>

Sophomore Year

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>Humanities</td>
<td>3</td>
</tr>
<tr>
<td>Behavioral Science</td>
<td>3</td>
</tr>
<tr>
<td>THA 115</td>
<td>3</td>
</tr>
<tr>
<td>THA 108</td>
<td>3</td>
</tr>
<tr>
<td>Fine Arts</td>
<td>3</td>
</tr>
<tr>
<td>Social Science</td>
<td>3</td>
</tr>
<tr>
<td>Open</td>
<td>3</td>
</tr>
<tr>
<td>THA 209</td>
<td>3</td>
</tr>
<tr>
<td>(prerequisite: THA 109)</td>
<td></td>
</tr>
<tr>
<td>THA 214</td>
<td>3</td>
</tr>
<tr>
<td>(prerequisite: EN 101, THA 101)</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 60 - 62

NOTE: A minimum of 15 credits in 200-level courses is required.

NOTE: For Humanities, Fine Arts, and/or Open electives, the Theater Program strongly suggests selecting from the following courses:
Art 242, Communications 201, Business 111, Business 112, Business 226, English 217, English 200, Health 120

DEGREES

Honors Program

The Honors Program at HCC is especially designed for the outstanding student. It offers an enriched learning experience that stresses intellectual challenge, in-depth analysis and creative thinking. It includes expanded in-class study, interdisciplinary study, and independent work.

All full-time or part-time degree students may apply for the Honors Program if they meet the following requirements:
• Completion of at least 12 credits at Housatonic beyond the developmental level;
• A Grade Point Average of at least 3.5;
• Recommendations from at least two faculty members.

To remain in the Honors Program, a student must:
• Maintain a 3.5 GPA;
• Earn grades of “B” or higher in all Honors courses.

To complete the Honors Program, the student must fulfill the requirements of the Honors Curriculum which include:
• In-class honors (6 credits or more) - At least two regular degree program courses that the Honors student takes at a more personally challenging pace. For example: exploring and reporting on additional readings; completing advanced experiments, problems or case studies; teaching a class period; attending a seminar and reporting the information to the class.
• Honors Seminar (HN 200, 3 credits) - An interdisciplinary course that examines a topic from the differing perspectives of the major academic disciplines; humanities, natural and physical sciences, and social sciences. This special course is offered in the fall semester only, and the instructor, topic and content vary from year to year. HN 200 satisfies an open elective requirement. Prerequisite: EN 102 and permission of the Honors Advisor; recommended: literature or philosophy, psychology or sociology, history, laboratory science.
• Honors Project (HN 225, 3 credits) - An original student project completed under the guidance of a faculty member that demonstrates the Honors student's ability to apply knowledge and skills learned in the Honors Seminar in a creative and scholarly manner. Independent study contracts must be completed, submitted, and approved during the semester preceding the term in which the project is actually performed. Satisfies an Open elective requirement. Prerequisite: HN 200 and permission of the Honors Advisor; completed Honors project contract.

The Housatonic Scholar

Graduating students who have completed the Honors Program are given the prestigious distinction of being identified as Housatonic Scholars. The Scholar designation earns the student additional honors:
• A certificate presented at Awards Night;
• A notation on the college transcript;
• Named in the Commencement program;
• Name engraved on a bronze plaque located in the college library.

Applications for the Honors Program and forms for faculty recommendations and Honors courses must be obtained from the Honors Program Advisor.
College of Technology Pathway Program

Public Act 92-126 created the “Connecticut College of Technology.” The College of Technology has no buildings or faculty of its own, but is a unique pathway curriculum from each one of Connecticut’s 12 community colleges either to Central Connecticut State University, the University of Connecticut, or Charter Oak College.

The College of Technology's integrated curriculum at Connecticut’s public colleges and universities allows individuals to begin their studies at a community college and transfer directly to CCSU's School of Technology, UConn’s School of Engineering, or Charter Oak College. The curriculum consists of two distinct pathways - one in engineering and one in technology. The Technology Pathway has, in addition, an Electrical Option. Each pathway provides the initial two years of study toward a bachelor’s degree.

Engineering Pathway Program
Associate in Science Degree
Transfer Program

The pre-engineering pathway is based upon a mathematics and science core that provides the nucleus for engineering education. In addition to the 64-hour core of courses listed below, the student must maintain a “B” or better average with no grade less than a “C” for continuation in the engineering program at the University of Connecticut.

Program Outcomes - Students will:

• Understand the basic principles of the physical sciences.
• Perform a scientific experiment and interpret results.
• Demonstrate an understanding of the major concepts of differential and integral calculus.
• Have the ability to write and document a computer program.
• Complete the general education courses in satisfaction of the associate degree requirements.

Credits

<table>
<thead>
<tr>
<th>Mathematics</th>
<th>Calculus I &amp; II</th>
<th>8</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Multivariable Calculus</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td>Differential Equations</td>
<td>3</td>
</tr>
<tr>
<td>Physics</td>
<td>Calculus-based Physics with lab</td>
<td>8</td>
</tr>
<tr>
<td>Chemistry</td>
<td>General Chemistry with lab</td>
<td>8</td>
</tr>
<tr>
<td>English</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Literature and Composition</td>
<td>3</td>
</tr>
<tr>
<td>Humanities and Social Sciences</td>
<td>Arts</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Western Culture</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Philosophy &amp; Ethical Analysis</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Social Science</td>
<td>3</td>
</tr>
<tr>
<td>Engineering Science</td>
<td>Statics</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>Dynamics</td>
<td>3</td>
</tr>
<tr>
<td>Computer Programming</td>
<td>FORTRAN or Pascal</td>
<td>3</td>
</tr>
<tr>
<td>Other</td>
<td>Electives (possibly technical) or Foreign Language</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>Total Credits</td>
<td>64</td>
</tr>
</tbody>
</table>

For students interested in Chemical Engineering, Computer Science and Engineering, or Electrical Engineering, additional technical coursework is needed prior to the junior year in the UConn curriculum. This coursework may be completed at one of the regional UCONN campuses while progressing through the Pathway Program or may be obtained through the use of the electives prescribed in the core listed above.
Technology Pathway Program
Associate in Science Degree
Transfer Program

The pre-technology pathway offers a core of courses that will provide the foundation for the bachelor of science degree in Engineering Technology, Industrial Technology or Technology Education at Central Connecticut State University. Continuation requirements include a minimum grade of “C” and 64 hours of college credit as listed below.

Program Outcomes - Students will:

- Understand the basic principles of the physical sciences.
- Perform a scientific experiment and interpret the results.
- Complete the general education courses in satisfaction of the associate degree requirements.

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
</tr>
<tr>
<td>Physics</td>
</tr>
<tr>
<td>Chemistry</td>
</tr>
<tr>
<td>English</td>
</tr>
<tr>
<td>Communications</td>
</tr>
<tr>
<td>Humanities</td>
</tr>
<tr>
<td>Social Science</td>
</tr>
<tr>
<td>Behavioral Science</td>
</tr>
<tr>
<td>Fine Arts</td>
</tr>
<tr>
<td>Drafting</td>
</tr>
<tr>
<td>Introduction to Computers</td>
</tr>
<tr>
<td>Introduction to Energy</td>
</tr>
<tr>
<td>Material Science</td>
</tr>
<tr>
<td>Introduction to Design</td>
</tr>
<tr>
<td>Technology and Society</td>
</tr>
<tr>
<td>Total Credits</td>
</tr>
</tbody>
</table>

Technology Pathway Program: Electrical Option
Associate in Science Degree
Transfer Program

The pre-technology, electrical option pathway offers a core of courses that will provide the foundation for the bachelor of science degree in Electrical Engineering Technology at Central Connecticut State University. Continuation requirements include a minimum grade of “C” and 64 hours of college credit as listed below.

Program Outcomes - Students will:

- Understand the basic principles of the physical sciences.
- Perform a scientific experiment and interpret the results.
- Complete the general education courses in satisfaction of the associate degree requirements.

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mathematics</td>
</tr>
<tr>
<td>Mathematics</td>
</tr>
<tr>
<td>Physics</td>
</tr>
<tr>
<td>Chemistry</td>
</tr>
<tr>
<td>English</td>
</tr>
<tr>
<td>Communications</td>
</tr>
<tr>
<td>Humanities</td>
</tr>
<tr>
<td>Humanities</td>
</tr>
<tr>
<td>Social Science</td>
</tr>
<tr>
<td>Social Science</td>
</tr>
<tr>
<td>Behavioral Science</td>
</tr>
<tr>
<td>Fine Arts</td>
</tr>
<tr>
<td>Drafting</td>
</tr>
<tr>
<td>Introduction to Computers</td>
</tr>
<tr>
<td>Introduction to Energy</td>
</tr>
<tr>
<td>Materials Processing</td>
</tr>
<tr>
<td>Statistics</td>
</tr>
<tr>
<td>Directed Elective</td>
</tr>
<tr>
<td>Directed Elective</td>
</tr>
<tr>
<td>Directed Elective</td>
</tr>
<tr>
<td>Directed Elective</td>
</tr>
<tr>
<td>Total Credits</td>
</tr>
</tbody>
</table>
Certificate in Accounting

Objective: This program prepares students for employment in, or advancement to, positions within the financial information process which include accounting clerk, bookkeeping, full-charge bookkeeper, and auditing assistant. Credits can be applied toward an associate degree in Accounting.

Suggested Sequence of Courses Credits

First Semester
*Accounting 101 Financial Accounting 3

Second Semester
*Accounting 102 Managerial Accounting 3
*Accounting 104 Computer-Assisted Accounting I 3
*Accounting 205 Topics in Tax Compliance 3

Third Semester
*Accounting 210 Intermediate Accounting I 3
*Accounting 211 Intermediate Accounting II 3
*Accounting 105 Computer-Assisted Accounting II 3

Total Credits 21

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

Scheduling conflicts, course availability and/or course difficulty (i.e. some students may not wish to take several courses in one semester) may preclude the completion of this program in three semesters.

Certificate in Advanced English Proficiency

Objective: The Advanced ESL program is designed for students whose native language is not English. Each of the courses in the program will prepare students in the English language skills necessary for success in academic studies or in careers. After successfully completing the courses in the program with a grade of “C” or higher, students will receive a Competency Certificate in English as a Second Language.

Required Courses: Credits

English as a
Second Language 121 Advanced ESL I 3
Second Language 122 Advanced ESL II 3
English as a
Second Language 125 Advanced Pronunciation and Speech 3
English 100R Introduction to College Writing 3
English 101 Composition 3
*English 102 Composition and Literature 3
*Communications 201 Effective Speaking 3

Total Credits 21

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

NOTE: All courses in this sequence are applicable to associate degree programs. ESL 121, 122, 125, and EN 100R may be used as open electives. EN 101 and 102 are required in all transfer programs. CM 201 is required in various programs or may be used as an open elective in others.

NOTE: A departmental replacement for one of the first four courses listed above may be approved for certain advanced students whose initial placement test scores or course performance indicates a high degree of language competence. Possible English-medium courses include: EN 200 or above, SO 101, GO 101, HI 201, or HI 202.
Certificate in Human Services
Behavioral Healthcare Specialist - Track I

Objective: This program will prepare individuals for employment in entry-level professional positions in public and private agencies serving mentally ill and substance abusing patients. Instruction is also provided to allow for the continuation of studies at two- and four-year programs in the areas of substance abuse and mental health.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition 3</td>
<td></td>
</tr>
<tr>
<td>*Psychology 101 Introduction to Psychology 3</td>
<td></td>
</tr>
<tr>
<td>Human Services 104 Contemporary Mental Health Systems 3</td>
<td></td>
</tr>
<tr>
<td>*Human Services 105 Addiction and Mental Illness Behavioral Healthcare 3</td>
<td></td>
</tr>
<tr>
<td>Second Semester</td>
<td></td>
</tr>
<tr>
<td>*Psychology 208 Psychology of Addiction 3</td>
<td></td>
</tr>
<tr>
<td>Human Services 201 Seminar in Group and Interpersonal Relations 3</td>
<td></td>
</tr>
<tr>
<td>Human Services 111 Introduction to Counseling 3</td>
<td></td>
</tr>
<tr>
<td>*Human Services 213 Change Theory &amp; Strategies in Behavioral Health Care 3</td>
<td></td>
</tr>
<tr>
<td>*Human Services 214 Practicum in Behavioral Healthcare 3</td>
<td></td>
</tr>
<tr>
<td>Total Credits 27</td>
<td></td>
</tr>
</tbody>
</table>

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

Certificate in Human Services
Behavioral Healthcare Specialist - Track II

Objective: This program will prepare individuals with prior higher education and professional experience for career advancement and certification in public and private agencies serving mentally ill and substance abusing patients. Instruction is also provided to allow for the continuation of studies at two- and four-year programs in areas of substance abuse and mental health.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Psychology 208 Psychology of Addiction 3</td>
<td></td>
</tr>
<tr>
<td>Human Services 213 Change Theory &amp; Strategies in Behavioral Health Care 3</td>
<td></td>
</tr>
<tr>
<td>Second Semester</td>
<td></td>
</tr>
<tr>
<td>*Human Services 214 Practicum in Behavioral Healthcare 3</td>
<td></td>
</tr>
<tr>
<td>Total Credits 12</td>
<td></td>
</tr>
</tbody>
</table>

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

Certificate in Business Administration
PC Applications

Objective: Designed to provide students with introductory skill knowledge in the areas of word processing, spreadsheet applications, database management, and DOS procedures. This program is aimed at those currently using PCs in business operations and wishing to improve their skills in the changing technology of PC software, and those wishing to gain entry-level skills for employment in businesses utilizing PCs.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN 100R Introduction to College Writing 3</td>
</tr>
<tr>
<td>or EN 101 Composition 3</td>
</tr>
<tr>
<td>*Bus. Office Tech. 102 Keyboarding I 3</td>
</tr>
<tr>
<td>*Computer Science 120 Disk Operating Systems 3</td>
</tr>
<tr>
<td>*Computer Science 105 Introduction to Computer Applications 4</td>
</tr>
<tr>
<td>*Bus. Office Tech. 218 Word Processing Software Package 3</td>
</tr>
<tr>
<td>*Computer Science 203 Introduction to Spreadsheets 3</td>
</tr>
<tr>
<td>*Computer Science 205 Database Management 3</td>
</tr>
<tr>
<td>*Computer Science Elective 3</td>
</tr>
<tr>
<td>Total Credits 25</td>
</tr>
</tbody>
</table>

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

Certificate in Business Administration
Microcomputer Networks - Basic

Objective: Designed for those seeking employment in the microcomputer networking field. It provides students with basic entry skills in the latest networking hardware and software.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition 3</td>
</tr>
<tr>
<td>*Computer Science 105 Intro. to Computer Applications 4</td>
</tr>
<tr>
<td>*Computer Science 120 Disk Operating Systems 3</td>
</tr>
<tr>
<td>Second Semester</td>
</tr>
<tr>
<td>Mathematics Elective 3-4</td>
</tr>
<tr>
<td>*Computer Science 140 Introduction to Local Area Networks 3</td>
</tr>
<tr>
<td>Third Semester</td>
</tr>
<tr>
<td>*Computer Science 145 Local Area Network System Management 3</td>
</tr>
<tr>
<td>Total Credits 19-20</td>
</tr>
</tbody>
</table>

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1 Must be MA 115 or higher.
2 Novell v3.1x: System Manager 508 will be incorporated into CS 140.
3 Novell v3.1x: Advanced System Manager 518 will be incorporated into CS 145. Certified Novell Training Academic Partner (NEAP).
Certificate in Business Administration
Personal Computer Repair and Technology

Objective: Designed to prepare personal computer technicians by providing basic instruction in computer applications, microcomputer systems, basic electronics, digital/integrated circuits, trouble-shooting and the use of diagnostic techniques. Qualified individuals will find a variety of opportunities open to them as technicians, including career upgrading and retraining opportunities for those currently in, or seeking employment in, the personal computer field.

Suggested Sequence of Course Credits

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Computer Science 105 Introduction to Computer Applications</td>
<td>4</td>
</tr>
<tr>
<td>*Computer Science 110 Introduction to Electronics</td>
<td>4</td>
</tr>
<tr>
<td>*Computer Science 120 Disk Operating Systems</td>
<td>3</td>
</tr>
<tr>
<td>*Computer Science 130 Fundamentals of Digital Circuits &amp; Logic</td>
<td>4</td>
</tr>
<tr>
<td>*Computer Science 135 Introduction to Computer Hardware</td>
<td>4</td>
</tr>
<tr>
<td>Total Credits</td>
<td>22</td>
</tr>
</tbody>
</table>

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

Certificate in Business Office Technology
Administrative Support Assistant

Objective: This program allows students to specialize in areas of interest and obtain entry-level office positions. The role of the receptionist who must deal with the public will receive emphasis. Students who complete this program will find employment opportunities in professional offices and business firms. Course credits may be applied to an associate degree program in BOT.

Suggested Sequence of Courses Credits

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Accounting 101 Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>*Bus. Office Tech. 102 Keyboarding I</td>
<td>3</td>
</tr>
<tr>
<td>or *Bus. Office Tech. 103 Keyboarding II</td>
<td>3</td>
</tr>
<tr>
<td>*Bus. Office Tech. 120 Introduction to the Personal Computer</td>
<td>3</td>
</tr>
<tr>
<td>Business Elective</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits</td>
<td>30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Bus. Office Tech. 103 Keyboarding II</td>
<td>3</td>
</tr>
<tr>
<td>or *Bus. Office Tech. 223 Computer Integrated Applications Elective</td>
<td>3</td>
</tr>
<tr>
<td>*Bus. Office Tech. 212 Administrative Office Procedures</td>
<td>3</td>
</tr>
<tr>
<td>*Business 211 Business Communications</td>
<td>3</td>
</tr>
<tr>
<td>*Bus. Office Tech. 205 Office Management</td>
<td>3</td>
</tr>
<tr>
<td>Total Credits</td>
<td>30</td>
</tr>
</tbody>
</table>

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1 Business electives must be approved by the BOT Academic Advisor. Business electives may be chosen from Accounting, Business, Computer Science, Economics and Business Office Technology courses.

NOTE: Accounting 100 may not be used as a Business elective in this program.
**Certificate in Business Office Technology Legal Assisting**

**Objective:** This program prepares students for employment in, or advancement to, positions where both business office technology as well as formal legal knowledge are desired. A high degree of proficiency in language arts skills and legal terminology is required for the successful completion of this certificate. Students will find employment opportunities in professional offices and business firms that employ legal counsel.

<table>
<thead>
<tr>
<th>Suggested Sequence of Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
</tr>
<tr>
<td><em>Law 101</em> Legal Writing</td>
<td>3</td>
</tr>
<tr>
<td><em>Bus. Office Tech. 103</em> Keyboarding II</td>
<td>3</td>
</tr>
<tr>
<td><em>Law 102</em> Contracts</td>
<td>3</td>
</tr>
<tr>
<td><em>Bus. Office Tech. 218</em> Word Processing Software Package</td>
<td>3</td>
</tr>
<tr>
<td><em>Law 103</em> Litigation</td>
<td>3</td>
</tr>
<tr>
<td><strong>Second Semester</strong></td>
<td></td>
</tr>
<tr>
<td><em>Law 201</em> Torts</td>
<td>3</td>
</tr>
<tr>
<td><em>Bus. Office Tech. 216</em> Machine Transcription</td>
<td>3</td>
</tr>
<tr>
<td><em>Business 211</em> Electives</td>
<td>3</td>
</tr>
<tr>
<td><em>Law 2</em> Electives</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>27</td>
</tr>
</tbody>
</table>

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1. Students may be required to complete prerequisite before taking BOT 103.
2. Must be chosen with the Academic Advisor. Choices are: Real Property, Probate Law, Business Organization, or Family Law.

**Certificate in Business Office Technology Word/Information Processor**

**Objective:** The accurate entry and retrieval of data is essential in today's business environment. Many kinds of business organizations are seeking personnel with this training. A high degree of proficiency in language arts and word processing skills is required. Course credit may be applied toward an associate degree program in BOT.

<table>
<thead>
<tr>
<th>Suggested Sequence of Courses</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
</tr>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td><em>Bus. Office Tech. 102</em> Keyboarding I</td>
<td>3</td>
</tr>
<tr>
<td><em>Bus. Office Tech. 120</em> Introduction to the Personal Computer</td>
<td>3</td>
</tr>
<tr>
<td><em>Bus. Office Tech. 218</em> Word Processing Software Package</td>
<td>3</td>
</tr>
<tr>
<td><em>Business</em> Elective</td>
<td>3</td>
</tr>
<tr>
<td><strong>Second Semester</strong></td>
<td></td>
</tr>
<tr>
<td><em>Bus. Office Tech. 103</em> Keyboarding II</td>
<td>3</td>
</tr>
<tr>
<td><em>Bus. Office Tech. 212</em> Administrative Office Procedures</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td><em>Bus. Office Tech. 205</em> Office Management</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td><em>Bus. Office Tech. 218</em> Word Processing Software Package</td>
<td>3</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td><em>Bus. Office Tech. 221</em> Help Desk Applications</td>
<td>3</td>
</tr>
<tr>
<td><em>Bus. Office Tech. 220</em> Desktop Publishing</td>
<td>3</td>
</tr>
<tr>
<td><em>Business 211</em> Business Communications</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td>30</td>
</tr>
</tbody>
</table>

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1. Students meeting requirements of BOT 102 via departmental evaluation may select a Business elective with the approval of BOT program advisor.
2. Business electives must be selected from Accounting, Business, Computer Science, Economics or Business Office Technology and must be approved by the BOT advisor.
3. Students must take a different word processing software package than in earlier semester.

**NOTE:** Accounting 100 may not be used as a Business elective in this program.
**Certificate in Human Services**

**Children & Youth Mental Health**

**Objective:** This program prepares individuals to work with children, youth and parent populations in a variety of mental health agencies and community based programs. It is also designed to enhance the skills of professionals currently working with children and families in governmental agencies such as the Department of Children and Families (DCF), Department of Social Services, Department of Health and others. Instruction is also provided to allow for continuation of studies at two- and four-year programs in the areas of human services, mental health, social work, and counseling psychology.

**Suggested Sequence of Courses**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 101 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Human Services 104 Contemporary Mental Health Systems</td>
<td>3</td>
</tr>
<tr>
<td>*Human Services 151 Strategies for Developing Capable Children and Youth</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Psychology 205 Child Psychology &amp; Development</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 206 Adolescent Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Human Services 111 Intro. to Counseling in Human Services</td>
<td>3</td>
</tr>
<tr>
<td>*Human Services 251 Emotional Disorders in Children and Youth</td>
<td>3</td>
</tr>
<tr>
<td>*Human Services 252 Practicum in Children and Youth Mental Health</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits** 27

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

**Certificate in Criminal Justice**

**Corrections**

**Objective:** This program prepares students with the educational background needed for entry into the field of corrections or for advancement possibilities to those currently employed in the field. Credits may be applied to an associate degree program in Criminal Justice.

**Suggested Sequence of Courses**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 101 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>*Sociology 101 Principles of Sociology</td>
<td>3</td>
</tr>
<tr>
<td>*Criminal Justice 111 Introduction to Criminal Justice</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Criminal Justice 106 Introduction to Corrections</td>
<td>3</td>
</tr>
<tr>
<td>*Communications 201 Effective Speaking</td>
<td>3</td>
</tr>
<tr>
<td>*Criminal Justice Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

**Total Credits** 27

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

**Electives must be chosen from CJ 107, 112, 219, 221 or HS 208.**

**Certificate in Criminal Justice**

**Pre-Service Corrections**

**Objective:** This certificate program will offer individuals general knowledge and skills that will be of value to them as Correctional Officers. This program was developed and implemented by the Connecticut Department of Correction to recruit and train higher educated people to meet the many challenges of corrections today, and into the future. This certificate satisfies the academic study/degree requirements of the Connecticut Department of Correction, and upon successful completion of this program, participants will receive a waiver for the Department of Correction written examination. Please note that enrollment in this certificate program does not guarantee that participants will be hired by the Connecticut Department of Correction.

**Suggested Sequence of Courses**

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Criminal Justice 106 Introduction to Corrections</td>
<td>3</td>
</tr>
<tr>
<td>*Sociology 202 Social Problems</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Business 211 Business Communication</td>
<td>3</td>
</tr>
<tr>
<td>*Communications 201 Effective Speaking</td>
<td>3</td>
</tr>
<tr>
<td>*Criminal Justice 220 Criminal Justice Practicum</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits** 15

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
Certificate in Criminal Justice

Criminal Investigation

Objective: This program prepares students for advancement to investigative positions in their current employment or to enter employment as an investigator. Credits may be applied to an associate degree program in Criminal Justice.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 101 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>*Sociology 101 Principles of Sociology</td>
<td>3</td>
</tr>
<tr>
<td>*Criminal Justice 111 Introduction to Criminal Justice</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Criminal Justice 103 Criminal Investigation</td>
<td>3</td>
</tr>
<tr>
<td>*Communications 201 Effective Speaking</td>
<td>3</td>
</tr>
<tr>
<td>*Criminal Justice Electives</td>
<td>9</td>
</tr>
</tbody>
</table>

Total Credits 27

*Prerequisite or Parallel may be required. Please check individual course descriptions for details.

Certificate in Criminal Justice

Security Operations

Objective: This program prepares students for entry level positions, or advancement for those currently employed, in the field of private security.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 101 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>*Sociology 101 Principles of Sociology</td>
<td>3</td>
</tr>
<tr>
<td>*Criminal Justice 111 Introduction to Criminal Justice</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Communications 201 Effective Speaking</td>
<td>3</td>
</tr>
<tr>
<td>*Criminal Justice 103 Criminal Investigation</td>
<td>3</td>
</tr>
<tr>
<td>*Criminal Justice 102 Intro. to Private Security Systems &amp; Designs</td>
<td>3</td>
</tr>
<tr>
<td>*Criminal Justice 109 Private Security Loss Prevention</td>
<td>3</td>
</tr>
<tr>
<td>*Criminal Justice 209 Contemporary Issues in Private Security</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 27

*Prerequisite or Parallel may be required. Please check individual course descriptions for details.

Certificate in Human Services

Disabilities Specialist

Objective: This program prepares individuals for work with citizens with disabilities in a variety of community treatment and supportive environments. It is designed to bridge the gap between a constantly increasing need of programming and community services for people with disabilities, and a well-trained cadre of professionals to meet that need. Further, it is designed to assist community agencies with their requirements for continuing, professional education of their current workforce in this field. Instruction also allows for continuation of studies at two- and four-year programs in the areas of disabilities, human services, mental health, social work, counseling, and psychology.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 101 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Human Services 111 Introduction to Counseling in Human Services</td>
<td>3</td>
</tr>
<tr>
<td>*Human Services 161 Disabilities Across the Lifespan</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Human Services 201 Group and Interpersonal Relations</td>
<td>3</td>
</tr>
<tr>
<td>*Human Services 261 Community Support Skills for the Disabled</td>
<td>3</td>
</tr>
<tr>
<td>*Human Services 262 Positive Behavioral Supports for the Disabled</td>
<td>3</td>
</tr>
<tr>
<td>*Human Services 263 Professional and Ethical Issues in Disability Services</td>
<td>3</td>
</tr>
<tr>
<td>*Human Services 264 Practicum in Disability Services</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 27

*Prerequisite or Parallel may be required. Please check individual course descriptions for details.
Certificate in Early Childhood Education

Objective: Designed for the student who is presently employed in the field of early childhood education. Instruction is designed to provide for teaching methods in nursery schools and daycare centers. Credits may be applied to an associate degree program in Early Childhood Education.

Suggested Sequence of Courses Credits

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 101 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Early Child Ed. 101 Intro. to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>Early Child Ed. 106 Teaching Children Music</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Early Child Ed. 103 Seminar I</td>
<td>1</td>
</tr>
<tr>
<td>*Early Child Ed. 104 Field Observation</td>
<td>2</td>
</tr>
<tr>
<td>*Early Child Ed. 201 Learning Development in the Classroom</td>
<td>3</td>
</tr>
<tr>
<td>Early Child Ed. 208 Children's Language and Literature</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Third Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>Art 115 Teaching Children Art</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 205 Child Psychology &amp; Development</td>
<td>3</td>
</tr>
<tr>
<td>Early Child Ed. 207 Natural Sciences and Safety for Children</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 30

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1 ECE 103 & ECE 104 must be taken simultaneously.

Certificate in Early Childhood Education

In-Home Child Care

Objective: This program is designed to serve people who are already working as child care providers, and who wish to be certified in this area. Specifically, this program will meet the needs of working mothers who need the services of a nanny or family day care providers. Some credits may be applied to an associate degree program in Early Childhood Education.

Suggested Sequence of Courses Credits

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>Early Child Ed. 101 Intro. to Early Childhood Education</td>
<td>3</td>
</tr>
<tr>
<td>Accounting 100 Practical Accounting</td>
<td>3</td>
</tr>
<tr>
<td>or Accounting 101 Financial Accounting</td>
<td>3</td>
</tr>
<tr>
<td>*Early Child Ed. 110 Infants and Toddlers</td>
<td>3</td>
</tr>
<tr>
<td>Early Child Ed. 207 Natural Sciences and Safety for Children</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 101 Introduction to Psychology</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Early Child Ed. 103 Seminar I</td>
<td>1</td>
</tr>
<tr>
<td>*Early Child Ed. 104 Field Observation</td>
<td>2</td>
</tr>
<tr>
<td>*Early Child Ed. 106 Teaching Children Music</td>
<td>3</td>
</tr>
<tr>
<td>or Early Child Ed. 208 Children's Language and Literature</td>
<td>3</td>
</tr>
<tr>
<td>Early Child Ed. 115 Parenting Skills</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 205 Child Psychology &amp; Development</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 30

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

1 ECE 103 and ECE 104 must be taken simultaneously.

Child Development Associate Credential (CDA)

(15 Credits)

This option is for Head Start, Day Care, Nursery, or Family Day Care providers who wish to obtain a CDA through the National Credentialing Program. To receive a CDA, an individual must successfully complete three Early Childhood Education courses. Required are ECE 130 - the Child Development Associate course and ECE 101 - Introduction to Early Childhood Education. One elective course must also be selected from other ECE course offerings.

Once a teacher/provider obtains a CDA credential, six additional credits may be requested through the College’s Credit for Life Experience program. The six credits will be applied to ECE 206 and ECE 104. Further information can be obtained by contacting the Coordinator of the Early Childhood Education program.

Certificate in Electrical

Objective: This program offers those who have completed the electrical training general education courses that will provide them with the knowledge and skills valuable at the work site and for promotional opportunities. The Directed Electrical courses are available through the Independent Electrical Contractors of Connecticut.

Suggested Sequence of Courses Credits

<table>
<thead>
<tr>
<th>First Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Mathematics 115 Intermediate Algebra</td>
<td>3</td>
</tr>
<tr>
<td>*Physics 101 General Physics I</td>
<td>4</td>
</tr>
<tr>
<td>*Computer Science 106 Principles of Computer Technology</td>
<td>3</td>
</tr>
<tr>
<td>Directed Electrical</td>
<td>3</td>
</tr>
<tr>
<td>Directed Electrical</td>
<td>3</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Second Semester</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 English Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Chemistry 110 Principles of Chemistry I</td>
<td>4</td>
</tr>
<tr>
<td>Directed Electrical</td>
<td>3</td>
</tr>
<tr>
<td>Directed Electrical</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 29

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
**Certificate in Exercise Science**

**Objective:** This program prepares students for employment in the Exercise and Fitness industry including health, wellness, and fitness centers. Students will develop the skills necessary to practice as personal trainers, group and/or adult fitness exercise leaders, health education, health promotion, and corporate wellness facilitators. Successful completion of the program prepares the graduate for certification by the American College of Sports Medicine (ACSM).

**Suggested Sequence of Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td><em>Biology 112</em></td>
<td>Human Body in Health and Disease</td>
<td>4</td>
</tr>
<tr>
<td>Health 102</td>
<td>First Aid and Safety</td>
<td>3</td>
</tr>
<tr>
<td>Health 106</td>
<td>Health and Wellness</td>
<td>3</td>
</tr>
<tr>
<td>Health 120</td>
<td>Exercise and Nutrition</td>
<td>3</td>
</tr>
<tr>
<td><em>Health 160</em></td>
<td>Applied Human Movement</td>
<td>4</td>
</tr>
<tr>
<td><em>Health 180</em></td>
<td>Exercise Physiology</td>
<td>3</td>
</tr>
<tr>
<td><em>Health 190</em></td>
<td>Exercise Leadership</td>
<td>3</td>
</tr>
<tr>
<td><em>Health 205</em></td>
<td>Exercise Measurement and Prescription</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td></td>
<td><strong>27</strong></td>
</tr>
</tbody>
</table>

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

**Certificate in Graphic Design**

**Objective:** This program is designed to provide the enrolled student with the basic skills of graphic design which include the development of visual arts abilities and graphic media presentations. It also provides students with basic skills to obtain entry-level jobs in the graphic design field or the necessary training to continue in an advanced program of study. Credits may be applied towards a degree program in Graphic Design.

**Suggested Sequence of Courses**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101</td>
<td>Composition</td>
<td>3</td>
</tr>
<tr>
<td><em>Art 123</em></td>
<td>Art History Survey III: Impressionism to Present</td>
<td>3</td>
</tr>
<tr>
<td>Art 103</td>
<td>Design I</td>
<td>3</td>
</tr>
<tr>
<td>Art 105</td>
<td>Drawing I</td>
<td>3</td>
</tr>
<tr>
<td><em>Art 104</em></td>
<td>Design II</td>
<td>3</td>
</tr>
<tr>
<td><em>Art 106</em></td>
<td>Drawing II</td>
<td>3</td>
</tr>
<tr>
<td><em>Art 237</em></td>
<td>Graphic Design</td>
<td>3</td>
</tr>
<tr>
<td><em>Art 225</em></td>
<td>Digital Publication I</td>
<td>3</td>
</tr>
<tr>
<td>Art 238</td>
<td>Illustration</td>
<td>3</td>
</tr>
<tr>
<td>Art 212</td>
<td>Photography I</td>
<td>3</td>
</tr>
<tr>
<td><em>Art 229</em></td>
<td>Digital Imaging (Photoshop/Illustrator)</td>
<td>3</td>
</tr>
<tr>
<td><em>Art 226</em></td>
<td>Digital Publication II (Desktop Publishing)</td>
<td>3</td>
</tr>
<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td><strong>36</strong></td>
</tr>
</tbody>
</table>

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
Certificate in Human Services
Mental Health

Objective: This program (MERGE) prepares individuals for employment in entry-level positions in public and private mental health agencies. Instruction is designed to allow for continuation of studies at two- and four-year programs in the areas of mental health, human services, and social work.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 101 Composition</td>
<td>3</td>
</tr>
<tr>
<td>*Psychology 101 Introduction to Psychology</td>
<td>3</td>
</tr>
<tr>
<td>Human Services 104 Contemporary Mental Health Systems</td>
<td>3</td>
</tr>
<tr>
<td>Human Services 111 Intro. to Counseling in Human Services</td>
<td>3</td>
</tr>
<tr>
<td>Human Services 201 Seminar in Group &amp; Interpersonal Relations</td>
<td>3</td>
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</tbody>
</table>

Second Semester

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Psychology 210 Abnormal Psychology/Maladaptive Disorders</td>
<td>3</td>
</tr>
<tr>
<td>Human Services 203 Human Service Skills and Methods</td>
<td>3</td>
</tr>
<tr>
<td>Human Services 210 Topics in Mental Health</td>
<td>3</td>
</tr>
<tr>
<td>*Human Services 212 Practicum in Mental Health</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 27

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.

Certificate in Human Services
Victim Services

Objective: This program prepares students for positions as victim advocates in both the public and private sectors.

Suggested Sequence of Courses

<table>
<thead>
<tr>
<th>Course</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>*Criminal Justice 111 Introduction to Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>Human Services 111 Intro. to Counseling in Human Services</td>
<td>3</td>
</tr>
<tr>
<td>Human Services 203 Human Service Skills and Methods</td>
<td>3</td>
</tr>
<tr>
<td>Criminal Justice 224 Victimology</td>
<td>3</td>
</tr>
<tr>
<td>*Human Services 107 Advocacy in Human Services</td>
<td>3</td>
</tr>
<tr>
<td>*Criminal Justice 220 Criminal Justice Practicum</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 18

* Prerequisite or Parallel may be required. Please check individual course descriptions for details.
Course Codes
All degree and certificate programs require various courses that must be completed to meet graduation requirements. Many programs include elective courses in addition to specific courses.

The following codes are used after course titles to help you and your advisor determine which elective the course will meet upon its successful completion. In addition to the codes indicated, all courses except those with course numbers less than 100 (DS 011, as example) qualify as open electives. You are advised to pay special attention to program footnotes when planning your electives.

Codes:
- B: Business elective
- BS: Behavioral Science elective
- C: Computer Fundamentals (satisfies requirement)
- F: Fine Arts elective
- H: Humanities elective
- M: Mathematics elective
- S: Science elective
- SS: Social Science elective
- Open elective: All courses numbered 100 or higher

ACCOUNTING

AC 100 Practical Accounting 3 C.H.
An introductory course dealing with the elements of accounting applied to individually owned service and merchandise companies. Both cash basis and accrual basis accounting will be covered. The complete cycle from original entries to financial statements will be reviewed. Separate treatment will be given to cash controls and payrolls.

AC 101 Financial Accounting
Code B 3 C.H.
Prerequisite or Parallel: EN 100R.
A study of the basic principles and procedures of the accounting process as they relate to the recording, measurement, and communications of the business entity’s financial data. Emphasis is placed on the recording process, income determination and the development of financial statements.

AC 102 Managerial Accounting
Code B 3 C.H.
Prerequisites: AC 101 and EN 100R.
A basic study of managerial accounting concepts as they relate to the planning, implementation, control and evaluation of the entity’s financial performance. Emphasis is placed on cost behavior and control and the preparation and use of budgets as a management tool.

AC 103 Accounting for Non-Profit Organizations
Code B 3 C.H.
Prerequisites: AC 101 and EN 100R.
Emphasis will be concentrated on general fund accounting, budgetary controls, appropriation accounting, and financial reporting as related to social, religious, cultural, and educational non-profit organizations.

AC 104 Computer-Assisted Accounting I
Code B, C 3 C.H.
Prerequisite: AC 100 or 101.
Use of prewritten computer programs to simulate actual accounting applications on microprocessors. Programs include general ledger, accounts receivable, accounts payable, and payroll. Additional projects are prepared using spreadsheet programs. No previous computer knowledge is required.

AC 105 Computer-Assisted Accounting II
Code B, C 3 C.H.
Prerequisites: AC 101 and 104.
Use of pre-written programs to simulate applications on microprocessors. Programs include general ledger, payroll, inventory control, financial data import/export, financial reports design, format, and preparation.
AC 203 Cost Accounting  
Code B  
3 C.H.  
Prerequisite: AC 102.  
Develops the principles of cost accounting introduced in Accounting 102. The student will relate the position of cost accounting to the overall financial structure. Various types of cost accounting systems and their applications in industry are also covered.

AC 204 Federal Income Tax  
Code B  
3 C.H.  
An examination of the theory and problems of federal income tax regulations for individuals. Includes the preparation of tax returns for individuals.

AC 205 Topics in Tax Compliance  
Code B  
3 C.H.  
Prerequisite: AC 102.  
A study of quarterly and annual tax filing requirements as they relate to the business entity. Emphasis is placed on Federal and Connecticut State payroll tax reporting. Attention is also given to Connecticut State sales tax filings and basic income tax filing procedures for the sole proprietorship, partnership and corporate forms of business organization.

AC 210 Intermediate Accounting I  
Code B  
4 C.H.  
Prerequisite: AC 102.  
Detailed examination of financial accounting principles relative to the valuation and disclosure procedures of assets as reported in the typical balance sheet. Students will use computer applications and spreadsheet software for problem solving.

AC 211 Intermediate Accounting II  
Code B  
3 C.H.  
Prerequisite: AC 102.  
Continues the detailed examination of financial accounting principles in Accounting 210 with emphasis on valuation and disclosure practices pertaining to non-current assets, liabilities and stockholders equity.

AC 212 Intermediate Accounting III  
Code B  
3 C.H.  
Prerequisite: AC 211.  
A detailed examination of financial accounting principles initiated in Accounting 210 and 211. Attention is focused on the more complex topics of earnings per share, accounting for income taxes, leases, accounting changes and error analysis, and statement of cash flows.

ALLIED HEALTH

AH 100 Introduction to Allied Health  
3 C.H.  
Designed to provide a comprehensive perspective of the Allied Health field for students interested in an allied health profession. The instructional format will include lectures, class discussions, and field observations within health care settings. Topics include: career opportunities in health care, professional responsibilities, institutions and agencies of health care, systems for the delivery of health services, and an introduction to medical terminology.

AH 112 Allied Health Seminar  
3 C.H.  
A study of current healthcare legislation and trends as they affect providers. Emphasis is placed on medical terminology, the use of clinical research, and the ethics of professionalism.

ANTHROPOLOGY

AN 101 The Variety of Man  
Code BS  
3 C.H.  
Prerequisite or Parallel: EN 101.  
An introduction to the discipline of anthropology. Emphasis is upon the evolution and diversity of humans (physical anthropology) and upon the environments and cultures of various peoples (ethnology). Archaeology and linguistics are covered briefly.

AN 201 Introduction to Cultural Anthropology  
Code BS  
3 C.H.  
Prerequisites: AN 101 and EN 101 or permission of the instructor.  
A study of anthropological techniques, cultures, archaeological evidence from early cultures, the evolution of people from primitive technological cultures, the study of the ethnological, environmental, economic factors as they influence culture, and the effects of family structure, kinship systems, religion, magic and art with the culture.
ART

AR 100 Studio Art for Non-Art Majors
Code F 3 C.H.
Introduces a wide range of art experiences using numerous drawing and painting techniques including pastels, paint, printmaking, mixed-media, and collage. Experiences in visual thinking will help students solve problems in other academic areas. Intended for the non-art majors who wish to gain confidence in their ability to work with art materials.

AR 103 Design I
Code F 3 C.H.
An exploration of the concepts of visual organization through an examination of basic design elements, properties and principles. Students will be introduced to the major color theories and terminology and will be assigned problems aimed at developing a sensitivity to color phenomena.

AR 104 Design II
Code F 3 C.H.
Prerequisite: AR 103 or permission of the instructor.
Approaches the study of design with increased attention to the practical applications of design. A variety of problem-solving activities will enhance students' understanding of the design process.

AR 105 Drawing I
Code F 3 C.H.
An examination of the fundamentals of drawing. Students will work on the skillful use of line, value distribution, composition, and perspective systems. Drawing as a tool for visual thinking will also be introduced.

AR 106 Drawing II
Code F 3 C.H.
Prerequisite: AR 105 or permission of the instructor.
Approaches the study of drawing and the improvement of drawing skills with increased opportunities for personal expression in drawings that consider the content of a picture as well as the form.

AR 114 Survey of Printmaking
Code F 3 C.H.
A survey of printmaking techniques including various forms of relief, intaglio, and experimental processes. Students will create editions of their original work using a mechanical press as well as individualized hand printing.

AR 115 Teaching Children Art
Code F 3 C.H.
An Art workshop course designed for those who will be teaching or working with children in schools, day care centers, hospitals, community centers, etc. Students will examine various methods of teaching art while working with a wide variety of materials.

AR 121 Art History Survey I: Prehistory to Medieval
Code F 3 C.H.
Prerequisite or Parallel: EN 101.
A survey of the visual arts from paleolithic cave paintings through the art of Europe in the thirteenth century. The course will cover outstanding examples of image making and architecture across a wide range of ancient civilizations. A field trip to a major New York museum can be expected.

AR 122 Art History Survey II: Renaissance to Romanticism
Code F 3 C.H.
Prerequisite or Parallel: EN 101.
A survey of the visual arts from fourteenth century Florence to Paris in the first half of the nineteenth century. Beginning with the innovations of Renaissance humanism, the course will follow the succession of styles that ultimately led to the eclectic revivals of neo-classic art. A field trip to a major New York museum can be expected.

AR 123 Art History Survey III: Impressionism to the Present
Code F 3 C.H.
Prerequisite or Parallel: EN 101.
A survey of the visual arts from the origins of modernism through the art of our own time. In the past 150 years, artists in Europe and America have come up with stylistic innovations at an ever-accelerating pace. This course traces the actions and reactions among artists, critics, and the public as these movements competed for recognition. A field trip to a major New York museum can be expected.

AR 212 Photography I
Code F 3 C.H.
Prerequisite: EN 101 or permission of the instructor.
Fundamentals of camera operation and darkroom procedures. Study of photography as a fine art and as a means of communication. Students must provide their own 35mm manually adjustable camera, film, paper, and developing supplies.

AR 222 Photography II
Code F 3 C.H.
Prerequisite: AR 212.
Advanced study of photographic aesthetics, printing techniques, and the history of photography.
AR 225  Digital Publication I  
(Introduction to Computer Graphics)  
Code C 3 C.H.  
Prerequisite or Parallel: EN 101.

An introduction to computer graphics using Macintosh computers and professional software. Students learn the basic skills necessary to use the computer as a problem-solving tool in the graphics environment. Such skills include organizing digital files, proper scanning techniques, and an overview of the Mac Operating System. This course is an introduction to software programs including Adobe Photoshop, QuarkXPress, and Adobe Illustrator. Students will use the tools necessary for creating images ranging from abstract compositions to complex layouts that integrate color, images, and text.

AR 226  Digital Publication II  
(Desktop Publishing)  
Code C 3 C.H.  
Prerequisites: AR 225, AR 229, AR 103, and EN 101.

An exploration of desktop publishing and page layout programs that enable designers to execute fine control over type and graphic placement. QuarkXPress has become the industry standard among design professionals who use Macintosh computers for desktop publishing. Adobe has introduced InDesign that has many of the features and capabilities of QuarkXPress as well as the familiarity of Adobe tools and palettes. Students will acquire the knowledge and practical experience necessary to use these programs effectively in a production environment.

AR 229  Digital Imaging  
(Photoshop/Illustrator)  
Code C 3 C.H.  
Prerequisite: AR 225.

An exploration of two applications; Adobe Photoshop and Illustrator. These programs enable designers to create and manipulate digital images and incorporate them into publications quickly and easily. Students explore in depth the capabilities of the programs through demonstrations and assignments. Adobe Photoshop allows designers to perform extremely sophisticated digital manipulation of scanned photographic images. Using Photoshop, graphic artists can retouch, modify, clone, and paint scanned photographs. With Adobe Illustrator, students learn the skills needed to create illustrations electronically, to manipulate images with ease, and to combine digital images with text.

AR 234  Advanced Computer Graphics:  
Web Design  
Code C 3 C.H.  
Prerequisites: EN 101 and AR 103, 226 and 229.

An introduction to the concepts of professional web site design using Adobe PageMill 2.0 and/or CyberStudio. Utilizing sophisticated web page creation software, tables and frames can be added to web pages along with PDF, QuickTime and Shockwave files, creating dynamic web sites. Students will create a web site by combining skills acquired in previous computer graphics courses and with software such as PageMill, BBEdit, CyberStudio and simple HTML.

AR 235  Advanced Computer Graphics:  
Multimedia  
Code C 3 C.H.  
Prerequisites: EN 101 and AR 103, 226 and 229.

An introduction to multimedia production using MacroMedia Director. This course will introduce the concepts of multimedia production including terminology and tools, adding video and sound to multimedia movies, adding animation and adding interactivity to multimedia projects. Students will create multimedia projects by combining skills acquired in Art 226 and 229, particularly in the use of Adobe PhotoShop and Adobe Illustrator, with MacroMedia Director as well as other related software.

AR 237  Graphic Design  3 C.H.  
Prerequisite or Parallel: AR103 or permission of the instructor.

A study of graphic design and typography. Students will take an idea from rough layout to tight composition. Typography problems will emphasize the use of letter forms as elements of visual design and expressive potential.

AR 238  Illustration  3 C.H.
A course intended primarily for graphic design students to introduce the techniques currently used by commercial artists to render quick illustrations and layouts. The course will emphasize the use of a variety of markers while also introducing pen and colored pencil techniques. Students will learn to produce mock-ups or finished illustrations that have a variety of commercial art applications such as advertisement, product rendering, fashion design, and storyboards.

AR 240  History of American Art  
Code F 3 C.H.  
Prerequisite or Parallel: EN 101.

An exploration of the unique character of American art ranging from the Colonial past through the present day. The course will emphasize the emergence of New York City as a major art center. Works from the Housatonic Museum of Art will be studied and a field trip to New York galleries can be expected.

AR 241  Introduction to African Art  
Code F 3 C.H.  
Prerequisite: EN 101.

An introduction to the art of Africa. The course is intended to develop an understanding of African art on its own terms: its sources and meanings; its cultural and intellectual perspectives; its connections with the larger society and modernism. The course will conclude with a preview of contemporary African art and translations of African art in the visual traditions of blacks in the diaspora (the Americas and the Caribbean).
AR 242 Understanding the Cinema
Code F 3 C.H.
An exploration of the art of the cinema through analysis of representative dramatic, documentary and experimental films. Among the topics covered are: comparisons between films and other artistic expressions; the major aspects of film style; the nature and importance of film genres; film functions (as art, entertainment, social and political statement, propaganda, education, and experiment).

AR 245 Figure Drawing
Code F 3 C.H.
Prerequisites: AR 105 and 106 or permission of the instructor.
A drawing course that takes the human figure as its primary theme. Students will analyze the figure for its esthetic and expressive potential. Additional assignments will expand on themes and techniques introduced in Drawing I and II.

AR 246 Sculpture: Modeling and Carving
Code F 3 C.H.
An investigation into the fundamental processes of making sculpture: building, carving, and modeling. Students will learn the technical skills required for working with traditional material.

AR 247 Sculpture: Constructions
Code F 3 C.H.
An exploration of new approaches to three-dimensional design and sculpture. Students will be introduced to the range of materials, techniques, and concepts that are employed by sculptors today.

AR 248 Hand Crafted Pottery
Code F 3 C.H.
An examination of the physical properties of clay with an emphasis on the development of personal imagery. Students will work with traditional pottery techniques beginning with the coil and slab and extending these experiences to include combinations of media.

AR 250 Painting: Acrylic
Code F 3 C.H.
An exploration of the particular attributes of acrylics. A full range of acrylic techniques will be explored from traditional procedures to contemporary experiments.

AR 251 Painting: Oil
Code F 3 C.H.
A course to develop skills in oil painting through a variety of studio projects. The various techniques of oils from transparent applications to impasto effects are included, and a study of the masters will be compared with contemporary developments.

AR 252 Painting: Watercolor
Code F 3 C.H.
This course develops skills in the challenging medium of watercolor employing fast-drying transparent paints. A full range of watercolor techniques will be explored from traditional procedures to contemporary experiments.

AR 255 Digital Pre-Press I
(Pre-Press Production)
Code C 3 C.H.
Prerequisites: AR 226 and 229.
An exploration of the electronic pre-press production which has become an industry standard in digital publications. Many printers require that production-ready materials be sent in digital format. The crucial element in production success is properly prepared files. In this course, students will gain an in-depth understanding of issues that printers encounter when working with color images and text. Topics include trapping, registration, continuous color correction, file preparation, and color separation. This course also emphasizes the use of clear communication of production issues and the limitations that constrain pre-press vendors.

AR 260 Independent Projects in Art
Code F 3 C.H.
A limited number of students will have an opportunity to pursue with greater depth studio or research projects of particular individual interest. All independent projects must be arranged in the semester prior to registration, with advance departmental approval and with the supervision of one of the full-time Art faculty members.

AR 261 Portfolio Preparation
Prerequisite: Matriculation in one of the following programs: Fine Arts - Art, Graphic Design, Graphic Design (computer Graphics Option), Graphic Design Certificate; permission of the art coordinator.
Under the supervision of an art faculty advisor or the art program coordinator, students will prepare a portfolio that represents their cumulative achievement in their particular art program. The contents of the portfolio will vary according to the needs of the students, for example, transfer to a four-year art program or preparation for an employment interview.
BIOLOGY

BI 107 Principles of Biology
Code S 4 C.H.
Prerequisite: Satisfactory score on placement exam or a grade of “C” or higher in EN 100R.

A study of the characteristics of life, the processes living organisms use to sustain life and the way in which they pass information to future generations. The adaptations of humans are explored and compared with those of other organisms. Classification is presented to gain an appreciation of the unity and diversity of life.
3 hours lecture and 3 hours laboratory.

BI 112 The Human Body in Health and Disease
Code S 4 C.H.
Prerequisite: One year of high school biology within the last 5 years or BI 107 or 121.

A survey of the structure and function of human systems both in health and disease. Various organ systems and their inter-relationships will be studied including: skeletal, muscular, cardiovascular, pulmonary and nervous systems. Note: This course is not intended for science majors and does not substitute for Biology 107 as a prerequisite for advanced science courses.
3 hours lecture and 3 hours laboratory.

BI 121 General Biology I
Code S 4 C.H.
Prerequisite or Parallel: EN 101.

An introduction to the principles and processes operating in living organisms. The course is designed to serve as the basis for further study in biology: it explores the chemical basis of life, including molecular biology, respiration and photosynthesis; the structure and function of cells; the genetic basis of inheritance; and the evolution of life. Similarities and differences among organisms are also discussed.
3 hours lecture and 3 hours laboratory.

BI 122 General Biology II
Code S 4 C.H.
Prerequisite: BI 121.

An introduction to the principles and processes operating in living organisms. This course is designed to serve as the basis for further study in biology. This section of the two-semester sequence explores the anatomy and physiology of organisms in the Kingdoms Monera, Plantae, Fungi, and Animala. Interactions between organisms and their environments will be discussed.
3 hours lecture and 3 hours laboratory.

BI 200 Introduction to Biotechnology
Code C, S 4 C.H.
Prerequisite: BI 107 or 121, or permission of the instructor.

An introduction to the molecular approaches used to investigate organismal relationships. This course is designed to introduce biotechnology, focusing on lab safety, documentation, molecular and cellular biology, recombinant DNA techniques, and gel electrophoresis. The course also introduces additional topics in human genetics, DNA forensics, AIDS, and patent law. Students will learn the basic biology behind biotechnology, be exposed to laboratory techniques used in biotechnology labs and learn about careers in the biotechnology industry. This course serves as the prerequisite for all biotechnology curricula. 3 hours of lecture and 3 hours of laboratory.

BI 203 Microbiology
Code S 4 C.H.
Prerequisites: One semester of college biology and one semester of college chemistry.

The history of microbiology and a survey of microbial life. The bacteria are studied as characteristic prototypes of all microorganisms. These and other microorganisms are discussed, stressing their environment, growth, reproduction, metabolism, and relationship to humans.
3 hours of lecture and 3 hours of laboratory.

BI 212 Anatomy and Physiology I
Code S 4 C.H.
Prerequisites: Both a laboratory-based college biology and a laboratory-based college chemistry or equivalent.
Prerequisite or Parallel: EN 101.

The first semester of a two-semester course. Lecture and laboratory will stress the molecular and cellular theories of body homeostasis. Topics include the structure of cells and tissues and the integumentary, skeletal, muscular and nervous systems with an underlying stress on their chemical functioning. Lab deals with chemical analysis, histology, bone and muscle identification, articulations, and nervous system anatomy. 3 hours of lecture and 3 hours of laboratory.

BI 213 Anatomy and Physiology II
Code S 4 C.H.
Prerequisites: Both a laboratory-based college biology and a laboratory-based college chemistry or equivalent and BI 212.

Continuation of Anatomy and Physiology I. Lecture and laboratory will stress the structural and functional aspects of the endocrine, cardiovascular, lymphatic/immune, respiratory, digestive, urinary, and reproductive systems. Metabolism, fluid & electrolyte balance, and development/inheritance are also included. Lab deals with dissection, blood work, urinalysis and metabolism.
3 hours of lecture and 3 hours of laboratory.
BUSINESS

BU 101 Personal Financial Planning
Code B 3 C.H.
An introduction to personal financial planning. The course includes setting financial goals, implementing plans to achieve those goals, and measuring financial health. The course will also include the personal financial planning process, time value of money, tax planning and strategies, asset management, insurances, investments, retirement planning, and estate planning. This course is valuable to all students and is not limited to business students. Outside expert practitioners will be invited to cover their particular area of expertise.

BU 103 Principles of Small Business Management
Code B 3 C.H.
Prerequisite or Parallel: EN 100R or permission of the instructor.
A study of the principles, advantages and problems of owning or operating a small business, including qualifications, choosing a location, capital, merchandising, control, credit, and promotion. Business Department majors cannot use both BU 110 and BU 103 to satisfy graduation requirements.

BU 104 Professional Selling
Code B 3 C.H.
An examination of various philosophies of selling. Topics include communication and persuasion, selling strategies and techniques, self-management skills, planning, behavioral styles, and market-client analysis. Students develop and role-play sales presentations as a major part of the course work.

BU 110 Introduction to Business
Code B 3 C.H.
Prerequisite or Parallel: EN 100R or permission of the instructor.
A survey of business problems, practices and procedures. Topics include problems of organization, management, labor, marketing, and finance. Business Department majors cannot use both BU 110 and BU 103 to satisfy graduation requirements.

BU 111 Principles of Marketing
Code B 3 C.H.
Prerequisite or Parallel: EN 100R or permission of the instructor.
A study of the scope and significance of marketing in contemporary American business with emphasis on marketing consumer goods and developing the essential elements of the marketing mix (product, price, distribution, and promotion).

BU 112 Non-Profit Marketing
Code B 3 C.H.
Prerequisite: EN 100R or permission of the instructor.
An examination of the marketing function in the non-profit sector. Concepts and principles of marketing are applied to the unique problems and opportunities of the non-profit organization and its stake-holders. Topics include developing a customer orientation, strategic planning and organization, developing and organizing resources, designing the marketing mix, and controlling marketing strategies.

BU 113 Principles of Retailing
Code B 3 C.H.
Prerequisite: EN 100R or permission of the instructor.
A review of retailing practices and procedures. Retail management methods are studied, along with retail store location and layout, equipment, display, advertising, personnel policies, maintenance, inventory, and cost control.

BU 114 Principles of Customer Service
Code B 3 C.H.
Prerequisite: EN 100R or permission of the instructor.
An in-depth examination of the role of customer service in creating and recreating satisfied customers. Concepts and principles are examined as applied to organizational challenges encountered in a rapidly changing, globally competitive world. Topics covered include strategy, communications, challenging customers, leadership, customer retention and excellence in customer service. Practical applications and skills are emphasized in light of modern theories and applications. Cases and skill development exercises will be used.

BU 116 Introduction to Health Systems Management
Code B 3 C.H.
Prerequisite: EN 101 or permission of the instructor.
An introduction to basic concepts, principles, and practices associated with the healthcare delivery system in the United States. The course will examine how this system is organized, and discuss major issues related to the provision of health care from both a business and social science perspective. Emphasis will be placed on understanding the components and features of the healthcare delivery system in the United States as it is developed and applied through a managed care organizational framework.

BU 120 Principles of Advertising
Code B 3 C.H.
Prerequisite: BU 111 or permission of the instructor.
An exploration of the principles and applications of advertising. Topics include advertising, research, planning, ad creation, media planning and campaign implementation. Student teams conceive, produce and integrate all the components necessary for an advertising campaign as a major part of the coursework.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Prerequisite(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>BU 125</td>
<td>Principles of Banking</td>
<td>3 C.H.</td>
<td>EN 101 or permission of the instructor.</td>
<td>An overview of the banking industry. Topics include the language and documents of banking, check processing, teller functions, deposit functions and the role of the bank in the community.</td>
</tr>
<tr>
<td>BU 140</td>
<td>Survey of International Business</td>
<td>3 C.H.</td>
<td>EN 101 or permission of the instructor.</td>
<td>A survey course designed to analyze international trade data and identify major trading groups, their predominant trading partners, their economic status, categories of products traded, and to describe the importance of social, cultural, economic, political, religious, and legal environments in international trade. The course will focus on the importance of the Pacific Rim, EEC, and the East Coast within the scope of worldwide trade, including both trade agreements and trade issues among various countries.</td>
</tr>
<tr>
<td>BU 206</td>
<td>Business Ethics</td>
<td>3 C.H.</td>
<td>EN 101 or permission of the instructor.</td>
<td>A study of business from a personal and social perspective. The course concentrates on assessing how business affects our individual lives, and what role business and its values play in our society as a whole. Ethical issues in business theory and practice will be analyzed including such topics as morality, quality of life, codes of ethics, obligations to stakeholders, rewards and responsibilities, whistle-blowing, company loyalty, attitudes toward work, the values of capitalism, and attitudes toward people living and working around us in society.</td>
</tr>
<tr>
<td>BU 207</td>
<td>Leadership</td>
<td>3 C.H.</td>
<td>EN 101 or permission of the instructor.</td>
<td>An in-depth examination of the nature and importance of leadership concepts and principles as applied to organizational effectiveness. Competent leadership is required to meet organizational challenges in a rapidly changing, globally competitive world. Leadership research findings, practice, and skills are emphasized in light of modern theories and applications. Cases and skill development exercises will be used extensively.</td>
</tr>
<tr>
<td>BU 208</td>
<td>Human Resource (Personnel) Management</td>
<td>3 C.H.</td>
<td>EN 101 or permission of the instructor.</td>
<td>An objective analysis of functions involved in the administration of human relations in organizations. Topics include principles of organization, processes, systems and methods used in the selection, training and recruitment of the work force; motivation and communications; compensation and fringe benefits and approaches used in maintaining good industrial relations.</td>
</tr>
<tr>
<td>BU 209</td>
<td>Management</td>
<td>3 C.H.</td>
<td>EN 101 or permission of the instructor.</td>
<td>An introductory course in management principles, theories and practices. Management is viewed as a discipline and as a process. The scope of the course includes planning, decision-making, organizing, leading, and controlling. Basic management concepts will be applied in solving problems in organizations. Cases are used extensively to illustrate principles.</td>
</tr>
<tr>
<td>BU 211</td>
<td>Business Communications</td>
<td>3 C.H.</td>
<td>EN 102.</td>
<td>A study of the basic concepts and applications of the communication process, especially as they relate to business situations and behavior. Emphasis is on strengthening abilities in listening, thinking, speaking, writing, and communicating non-verbally.</td>
</tr>
<tr>
<td>BU 215</td>
<td>Finance</td>
<td>3 C.H.</td>
<td>EN 101 and AC 101 or permission of the instructor.</td>
<td>A study of the fundamental principles and concepts of finance. Topics include the basic concepts of financial statement analysis, time value of money, valuation, risk and return, cost of capital, capital budgeting, financial leverage, short-term financing, the structure of financial statements, cash budgeting, and an introduction to financial markets.</td>
</tr>
<tr>
<td>BU 216</td>
<td>Entrepreneurship &amp; Franchising</td>
<td>3 C.H.</td>
<td>EN 101 and BU 103 or permission of the instructor.</td>
<td>An exploration of the entrepreneurial and franchising process, addressing the skills, concepts, mental attitudes, and knowledge relevant for creating, building, and operating new business ventures. Attention will be given to examining new venture opportunities, strategies, entrepreneurial profiles, resource recognition, allocation and development, capital acquisition, and post start-up strategies. Major emphasis will be placed on creative development of individual business plans incorporating computer applications.</td>
</tr>
<tr>
<td>BU 217</td>
<td>Non-Profit Financial Management</td>
<td>3 C.H.</td>
<td>AC 101 and EN 101 or permission of the instructor.</td>
<td>An examination of the finance function in the non-profit sector. Concepts and principles of finance are applied to the unique problems and opportunities of the non-profit organization and its stakeholders. Topics include characteristics of non-profits, non-profit financial and managerial accounting, financial planning and forecasting, budgeting, short- and long-term financing, and management of financial resources.</td>
</tr>
</tbody>
</table>
BU 218  Current Issues in Management  
Code B  3 C.H.  
Prerequisite: BU 209.  
A continuation of BU 209 with emphasis on management topics extending beyond the basic principles. Current issues and the latest developments in the field will be covered. Cases and single problems will be analyzed and presented by both individuals and groups.

BU 221  Business Law I  
Code B  3 C.H.  
Prerequisite or Parallel: EN 102.  
An examination of fundamental legal principles and their application to business transactions. A brief survey of the sources, functions and objectives of our law, together with a capsule presentation of the Federal and Connecticut court systems and procedure. Criminal law and torts law precedes a detailed study of the law of contracts and sales including the relevant sections of the Uniform Commercial Code.

BU 222  Business Law II  
Code B  3 C.H.  
Prerequisite: BU 221 or permission of the instructor.  
A continuation of Business 221, emphasizing the law of agency, partnership and corporations, followed by an analysis of personal property, real property and security law.

BU 223  Capital Markets & Investments  
Code B  3 C.H.  
Prerequisite: BU 215 or permission of instructor.  
A study of the fundamental principles and concepts of analysis and an evaluation of a variety of financial investments with emphasis on common stocks and bonds. The working of capital markets and the determination of interest rates will also be covered.

BU 225  Independent Projects in Business Administration  
Code B  3 C.H.  
Students will have an opportunity to pursue with greater depth a subject area of particular individual interest. All independent projects must be arranged in the semester prior to registration with advanced departmental approval and with the supervision of one of the full-time Business faculty.

BU 226  Negotiation  
Code B  3 C.H.  
Prerequisite: EN 101 or permission of the instructor.  
An in-depth examination of the nature and importance of negotiation concepts and principles as applied to organizational effectiveness. Competent negotiation skills are required to meet organizational challenges in a rapidly changing, globally competitive world. Negotiation fundamentals, sub-processes, contexts, and remedies are emphasized in light of modern theories and applications. Cases and skill development exercises will be used extensively.

BU 227  Money & Banking  
Code B  3 C.H.  
Prerequisite or Parallel: BU 215 or EC 204.  
A study of the key concepts, theories and interrelationships that link money and banking to the U.S. economy. The focus is on the background of banking, basic banking principles, monetary theory and the role of the Federal Reserve System, and the concepts and tools of monetary and fiscal policy. The structure and characteristics of financial markets are also covered.

BU 228  Banking Financial Instruments  
Code B  3 C.H.  
Prerequisite: EN 101 and MA 103 and BU 125.  
A study of a broad range of banking financial instruments including loans, savings and time deposits, and other banking documents.

BU 231  Cooperative Work Experience  
Code B  3 C.H.  
Consists of paid employment with a cooperating business concern previously approved of by the College. Employment will be limited to a minimum of fifteen hours and a maximum of twenty hours per week. The student's employment will be in the area of his/her business major. Note: Students intending to register for this course must have the prior approval of the Chairperson of the Business Department.

BU 232  Cooperative Work Experience  
Code B  3 C.H.  
Consists of paid employment with a cooperating business concern previously approved of by the College. Employment will be limited to a minimum of fifteen hours and a maximum of twenty hours per week. The student's employment will be in the area of his/her business major. Note: Students intending to register for this course must have the prior approval of the Chairperson of the Business Department.

BU 233  Health Care Financial Management  
Code B  3 C.H.  
Prerequisites: EN 101 and BUs 215 or permission of the instructor.  
An in-depth analysis and application of financial management concepts and principles with a special focus on applications unique to the health care industry.

BU 234  Strategic Healthcare Management  
Code B  3 C.H.  
Prerequisites: EN 101 and BU 116, or permission of the instructor.  
An in-depth analysis and application of strategic management concepts and principles with a special focus on the health care industry. Case analysis is used extensively. Students are required to present a comprehensive strategic plan for a health care organization.
BU 238 Consumer Behavior
Code B 3 C.H.
Prerequisite: EN 101 or permission of the instructor.

An examination of consumer behavior as a function of the overall marketing plan. Concepts from the social and behavioral sciences are applied to describing and understanding consumer decision processes. Topics include psychological core foundations, decision making processes, consumer’s culture, and consumer behavior outcomes.

BU 239 Business to Business Marketing
Code B 3 C.H.
Prerequisite: EN 101 or permission of the instructor.

Exploration of marketing concepts as they relate to the field of business to business marketing. Major topics include business marketing environmental analysis, the organizational buying process, assessing business marketing opportunities, formulation of business marketing strategies, business marketing mix development, implementation, and evaluation. Student teams develop and present a business to business marketing plan.

BU 240 International Marketing
Code B 3 C.H.
Prerequisite: BU 111.

Exploration of marketing concepts as they relate to the field of international marketing. Major topics include international environmental analysis (culture, law, governments), formulation of international marketing strategies, marketing mix development and implementation. Student teams develop and present an international marketing plan.

BU 242 International Finance
Code B 3 C.H.
Prerequisite or Parallel: BU 215.

The international dimensions of finance. Topics include the international monetary system, foreign exchange markets, management of foreign exchange exposure and political risk, the financing of international trade, international financial markets, and capital budgeting techniques. This course builds upon the valuation methods developed in the prerequisite course in Finance.

BU 243 Basics in Importing
Code B 3 C.H.
Prerequisite or Parallel: EN 101 or permission of the instructor.

This course will identify important strategies in planning the importing business; design a plan for setting up an import business, and assess the import potential of a given product or service in conjunction with import regulations and documentation.

BU 244 Export Documentation
Code B 3 C.H.
Prerequisite: EN 102.

A general review of issues that students need to understand so that they can become effective in the exporting arena. Topics covered include: balance of payments, world investments, cultural involvement, political environment, financial, marketing, and operations management techniques, and export documentation forms required for customs.

BUSINESS OFFICE TECHNOLOGY

BOT 102 Keyboarding I
Code B, C 3 C.H.
Prerequisite or Parallel: EN 100R.

A beginning course in touch keyboarding, emphasizing mastery of the keyboard, and correct alphabetic, numeric, and numeric keypad fingering techniques; centering, memorandums, personal business letters, business letters, tabulations, business reports, and manuscripts. This course is open to all students and is designed for both personal use as well as the first course for the BOT student.

BOT 103 Keyboarding II
Code B, C 3 C.H.
Parallel: EN 101 and prior keyboarding knowledge or BOT 102 or permission of the instructor.

Continued emphasis on keyboarding skills with drills for improvement in technique, speed, and accuracy. Increased emphasis is given on more difficult letters, manuscripts and reports, tables, and legal and medical documents. Unarranged problem applications receive major emphasis.

BOT 104 Speedwriting
Code B 3 C.H.
Prerequisites or Parallel: EN 101 and BOT 102.

An introductory course in the principles of Speedwriting, includes a mastery of Speedwriting forms and phrases, development of reading and writing Speedwriting material, and simple new matter dictation. This course is designed for both personal use note-taking as well as note-taking in the office.

BOT 120 Introduction to the Personal Computer
Code B, C 3 C.H.
Prerequisites: EN 100R and BOT 102 or permission of the instructor.

An introduction to computer literacy, computer applications, concepts, and operations. An integrated software package provides hands-on experience in word processing, spreadsheets, database management, and graphing. The student will be able to create, edit, manipulate, and print documents leading to entry level skills in MS WORKS for Windows. Computer laboratory time is required.
COURSE DESCRIPTIONS

BOT 205 Office Management
Code B
Prerequisite or Parallel: EN 101.
An introductory course that will address the broad areas of administrative office management. It is designed to assist the student in forming a basic philosophy of the administrative office manager and to assist in developing skills in managerial decision making, and to create a desire to choose administrative office management as a career.

BOT 210 Word Processing (Advanced)
Code B, C
Prerequisites: BOT 103 and 218.*
A study of pagination, hyphenation, global search and replace, command operations, merge functions, column printing and format change. Substantial laboratory time is required for successful completion of the hands-on experiences. This course can only be taken if the Business Office Technology 218 course used the same software package. *Special students require permission of the instructor.

BOT 212 Administrative Office Procedures
Code B, C
Prerequisite: EN 101 and BOT 103 or permission of the instructor.
An investigation into office automation designed to give a perspective to the role of the college-trained administrative assistant. Development of office skills and problem-solving techniques are explored. Included are human relations skills, time-management techniques, interpersonal communications skills, timings, resumes, cover letters, and listening skills as well as decision-making competencies. Techniques used in applying for a job and a review of the employment process utilize role-model processes. Other models may be included as technology changes. Substantial laboratory time is required each week.

BOT 216 Machine Transcription
Code B, C
Prerequisite: BOT 103 and either BOT 120 or 218.
Development of competence in the operation of the transcription machine. Included will be language arts review; machine transcription techniques; material preview by listening to items; use of rough drafts; first-time final copy; and production skill development. Substantial laboratory time is required each week.

BOT 218 Word Processing Software Package
Code B, C
Prerequisite: BOT 102 or permission of the instructor.
Offers an in-depth opportunity to explore a variety of word processing software packages. Programs will be varied by semester and by instructor's specialty. Among the special topics alternating by semester are: Word, WordPerfect, and other major word processing software packages. This course may be taken for credit twice using different software. Completion will qualify the student to work in an entry-level word processing position. Substantial laboratory time is required each week.

BOT 220 Desktop Publishing
Code B, C
Prerequisites: BOT 103 and either BOT 120 or 218 or permission of the instructor.*
A course designed for students who desire some familiarity with desktop publishing processes through a hands-on approach. Students will be introduced to a desktop publishing software package such as PageMaker or others used in producing newsletters, reports, graphics, style sheets and master pages, special effects and scanned images. Substantial laboratory time is required each week. *Special students require permission of the instructor.

BOT 221 Help Desk Applications
Code B, C
Prerequisites: BOT 103, 218, and 223.
An overview of the topics relevant to working at a Help Desk. Students will develop business, technical, and people skills that contribute to supporting customer service to clients and providing technical support to employees.

BOT 223 Computerized Office Applications
Code B, C
Prerequisites: BOT 102 and either BOT 120 or 218.
Continued emphasis on developing advanced applications using computer-generated office simulations used in business/industry. Emphasis will be placed on the advanced skills in word processing and integrating spreadsheet applications, data base management procedures, presentation software, graphics, Publisher desktop publishing and other new software applications as they become part of the mix.

CHEMISTRY

CH 110 Principles of Chemistry I
Code S
Prerequisite: MA 115 or permission of the instructor and EN 101.
Introduction to the fundamental principles and concepts of chemistry. Atomic structure, periodic relationships, bonding, kinetics and equilibria are examined in sufficient depth to permit their use in understanding chemical reactions though in less detail than in Chemistry 121 and Chemistry 122. The laboratory program stresses the acquisition of skills in data gathering and in the manipulation of apparatus and materials. 3 hours lecture and 3 hours laboratory.
CH 111 Principles of Chemistry II
4 C.H.
Prerequisites: CH 110 and EN 101.
A continuation of Chemistry 110 with emphasis on the qualitative and quantitative analysis of inorganic and organic materials. Instrumental methods of analysis will be stressed with emphasis on pH meters, spectrophotometers, and other instruments commonly employed in the modern laboratory. Chromatographic techniques will be employed in the separation and identification of a variety of substances. 3 hours of lecture and 3 hours of laboratory.

CH 121 General Chemistry I
4 C.H.
Prerequisite: MA 115 or equivalent; Prerequisite or Parallel: EN 101.
A study of the fundamental principles, theories, and laws of chemistry. Topics include atomic theory and the structure of the atom, the aggregated states of matter, kinetic-molecular theory, chemical bonding, stoichiometry and periodicity, solutions and colloids. 3 hours of lecture and 3 hours of laboratory.

CH 122 General Chemistry II
4 C.H.
Prerequisite: CH 121.
A continuation of Chemistry 121. Topics covered include thermochemistry, kinetics, chemical equilibrium, oxidation-reduction and electrochemistry, introduction to organic and nuclear chemistry and the chemistry of the elements and their compounds. The laboratory will include an introduction to semi-micro qualitative analysis. 3 hours of lecture and 3 hours of laboratory.

CH 201 Organic Chemistry
4 C.H.
Prerequisite: CH 111 or 122.
An introduction to the organic chemistry of carbon. Primarily for students planning careers in the life and allied health sciences or a major in chemistry. The lectures will present an integrated analysis of the theoretical concepts and mechanisms of modern organic chemistry, organic reactions, synthetic methods, and instrumentation. Preparation properties and reactions of most of the major classes of aliphatic, aromatic, and heterocyclic compounds will be discussed along with the more important living and non-living systems in which they function. The laboratory work will develop competence in the modern aspects of preparative and qualitative organic technique. 3 hours of lecture and 3 hours of laboratory.

CH 202 Organic Chemistry II
4 C.H.
Prerequisite: CH 201.
A continuation of Chemistry 201. 3 hours of lecture and 3 hours of laboratory.

CH 206 Biochemistry
4 C.H.
Prerequisite: CH 122 or 111 and 1 year of college biology (BI 107 & 121 or equivalent).
Study of carbohydrates, lipids, proteins, enzymes, hormones, and vitamins in body fluids and the metabolic processes of the human. Laboratory work will be integrated with lecture topics and will emphasize quantitative aspects of biochemical analysis.

CRIMINAL JUSTICE

CJ 101 Introduction to Law Enforcement
3 C.H.
Prerequisite: CJ 111.
A study of the role of police in American society. The course will examine the history and development of policing, hiring and training practices, administrative functions and other issues impacting on law enforcement.

CJ 102 Introduction to Private Security Systems and Designs
3 C.H.
Prerequisite: CJ 111.
A study of security strategies, systems and technology along with the administration and design of security programs and applications. Students will learn the principles for management of a security program, the principles of conducting risk analysis, and the concepts of conducting private investigations.

CJ 103 Criminal Investigation
3 C.H.
Prerequisite: CJ 111.
An introduction to the procedures and techniques of criminal investigation. Topics discussed will include the interview, interrogation, crime scene search, collection and preservation of evidence, and case preparation.

CJ 105 Criminology
3 C.H.
Prerequisite: CJ 111 and PY 101 and SO 101.
A study of crime and society’s treatment of crime and the criminal. The various causes of crime and delinquency, the philosophy of criminal and correctional law, custody and treatment of offenders will be studied.

CJ 106 Introduction to Corrections
3 C.H.
Prerequisite: CJ 111.
An overview of the correctional system and its processes including history, sentencing, facilities, inmate populations, inmate rights, correctional programming, alternatives to incarceration and special populations.
COURSE DESCRIPTIONS

CJ 107 Correctional Administration 3 C.H.
Prerequisite: CJ 106.
An examination of the correctional organization, the administrative process, and supervision and management in the correctional setting. Topics addressed will include values and ethics, policies and procedures, legal issues for employees, human resources, leadership, and power and influence.

CJ 108 Forensic Science 3 C.H.
Prerequisite: CJ 103.
A study of the relationship of physical evidence to a specific crime or criminal. Discussion will include various methods of scientific development of physical evidence at crime scenes and under laboratory conditions. Emphasis will be placed on identification of suspects through physical, chemical or biological evidence.

CJ 109 Private Security Loss Prevention 3 C.H.
Prerequisite: CJ 102 or permission of the instructor.
An overview of the various specialized areas of safety and security such as theft and risk control, security surveys and loss prevention management in a proprietary or governmental institution.

CJ 110 Juvenile Justice 3 C.H.
Prerequisite: CJ 111 or permission of the instructor.
A close examination of how the juvenile justice process has evolved and expanded as society has sought to understand, control, and influence change in the delinquent behavior of children and youth below the age of majority.

CJ 111 Introduction to Criminal Justice 3 C.H.
Prerequisite or Parallel: EN 100R.
A comprehensive overview of the American criminal justice process. The course will examine the history, development, and current practices of law enforcement, the courts and the correctional system on the local, state, and Federal levels.

CJ 112 Community-Based Corrections 3 C.H.
Prerequisite: CJ 106.
An examination of the relationship between institutional confinement and community-based correctional programs. The organization and administration of probation and parole programs are examined. Special attention is given to the study of rehabilitative and community reintegration programs and activities.

CJ 201 Criminal Law 3 C.H.
Prerequisite: CJ 111.
An exploration of the scope and classification of criminal law as it relates to various types of offenses. The areas of criminal liability, inchoate offenses and intent will be discussed as well as the U.S. Constitution's relationship to criminal laws and how laws are made and enforced.

CJ 203 Police and the Community 3 C.H.
Prerequisites: CJ 111 and PY 101, and SO 101.
An analysis of the problems of police as they relate to the community and the procedures used by departments to meet those problems. Students will be given the opportunity to study the police role in relation to the sociological and psychological dynamics of the community. The student will become knowledgeable in the practices which foster positive community relations and police-citizen communication.

CJ 205 Police Organization and Administration 3 C.H.
Prerequisite: CJ 111.
A detailed analysis of police organization and administration. A study of administrative problems within a police organization and the equating of sound principles of human relations and supervision to effective police performance.

CJ 209 Contemporary Issues in Private Security 3 C.H.
Prerequisite: CJ 102.
A study of specific problems and solutions pertaining to the field of security and safety such as education and training, community relations, environmental protection, safety and health, theft control, labor relations and contingency planning.

CJ 211 Interviewing and Interrogation 3 C.H.
Prerequisites: PY 101 and CJ 111.
A comprehensive overview of the processes of interviewing and interrogation. Students will be introduced to a variety of interview and interrogation techniques and strategies. The legal considerations will also be discussed.

CJ 214 Contemporary Issues in Forensics 3 C.H.
Prerequisite: CJ 103 and 108 and 111 or permission of the instructor.
A series of seminars covering topics pertaining to investigative techniques and the evaluation of evidence in criminal and civil cases.

CJ 215 Evidence and Criminal Procedure 3 C.H.
Prerequisites: CJ 111 and GO 101.
A study of the U.S. Constitution, particularly the Bill of Rights and the Fourteenth Amendment, as they relate to the functioning of the criminal justice system. Emphasis on individual rights, due process and civil liberties.

CJ 216 Police Management Seminar 3 C.H.
Prerequisite: CJ 205.
A practical application of previously studied theories and methods in police management. Students will use group work, case studies and projects to theoretically interpret and apply data in management situations.
CJ 218  Arson Investigation  3 C.H.
Prerequisite: CJ 103.
An introduction to the problems and effects of arson; analysis of the chemistry of the fire scene; use of investigative and detection aids, photographs, measurements and diagrams; collection and preservation of evidence; methods of interviewing and interrogation; legal aspects of arson investigation.

CJ 219  Institutional Treatment of the Offender  3 C.H.
Prerequisite: CJ 106.
An examination of the management of correctional clients in an institutional setting from admission to release. Special attention is given to the systems that deal with the security and treatment needs of each individual. These needs and systems are considered in terms of current correctional approaches.

CJ 220  Criminal Justice Practicum  3 C.H.
Prerequisites: CJ 111 and 105 and 201 and 215, and permission of the instructor.
Supervised placement with a criminal justice agency to allow the student the opportunity to explore career choices while gaining actual job experience in the criminal justice field. Students will be required to participate a minimum of 8 hours per week (120 hours per semester) and to attend a bi-weekly meeting with the practicum advisor.

CJ 221  Constitutional Rights of Prisoners  3 C.H.
Prerequisite: CJ 106 or permission of the instructor.
An exploration of the issues involved with Constitutionally guaranteed rights as they pertain to inmates in a jail or prison setting. Particular attention will be paid to the First, Eighth and Fourteenth Amendments along with the Civil Rights Act. Remedies to violations of rights will also be discussed.

CJ 223  Contemporary Issues in Criminal Justice  3 C.H.
Prerequisite: CJ 111 or permission of the instructor.
A series of seminars covering topics of current interest in the criminal justice field. The criminal justice field changes very rapidly and this course will focus on areas of change such as ethics, use of force, Supreme Court decisions which affect criminal justice, prison issues, the drug problem and other issues which impact on the criminal justice system.

CJ 224  Victimology  3 C.H.
Prerequisite: CJ 111 or permission of the instructor.
A comprehensive course designed to acquaint the student with the many issues faced by the victims of crime. Topics covered will include victimization and other issues central to crime victim assistance. Students will also gain an understanding of how to address the needs of crime victims and act as advocates for victim issues.

CJ 226  Computer Investigation Techniques  3 C.H.
Prerequisites: CJ 111 and permission of the instructor.
A comprehensive introduction to computer operations and computer system components with an emphasis on storage and retrieval of information for investigative purposes. Topics covered include basic operating systems, hardware, software, encryption, identification of evidentiary information, Internet servers and web sites, freeeware, bulletin boards, file types and manipulations, spreadsheets and databases. Students will develop the ability to assemble evidence for a criminal investigation process. Substantial lab work is required.

CLINICAL LABORATORY SCIENCES

CLS 101  Introduction to Clinical Laboratory Sciences I  2 C.H.
An orientation to the laboratory provided by weekly seminars which present the basic knowledge necessary for laboratory work. The course consists of lectures by college and other laboratory professionals, demonstrations, and field trips to laboratories. Topics include history and scope of laboratory technology, clinical and biotechnology, safety practices, computer and laboratory information systems, and basic laboratory procedures. Emphasis is on professionalism and ethics. Restricted to Clinical Laboratory Science majors.

CLS 102  Introduction to Clinical Laboratory Sciences II  2 C.H.
Prerequisite: CLS 101.
A continuation of CLS 101 with emphasis on topics relevant to foundation knowledge and those specialized techniques required prior to entry into laboratory practicum. Restricted to Clinical Laboratory Sciences majors.

CLS 110  Introduction to Phlebotomy  4 C.H.
Prerequisite or Parallel: EN 101.
Designed to prepare students in the theory of phlebotomy. Classroom work includes lectures and laboratory. Major topics include: coverage of job responsibilities, health professional/patient interactions, medical/laboratory terminology, anatomy & physiology of the vascular system, and principles & techniques of venipuncture and skin puncture.

CLS 201  Laboratory Practicum I  4 C.H.
Prerequisite: CLS 102.
Practicum experiences at one of the College laboratory affiliates in which the student acquires knowledge and experience in laboratory practices and procedures. Restricted to Clinical Laboratory Sciences majors.
**COURSE DESCRIPTIONS**

**CLS 202 Laboratory Practicum II**  
Code C  
4 C.H.  
Prerequisite: CLS 201.  
Continues the practicum experiences in a clinical laboratory.  
Restricted to Clinical Laboratory Sciences majors.

**CLS 203 Laboratory Practicum III**  
Code C  
4 C.H.  
Prerequisite: CLS 202.  
Continues the practicum experiences in a clinical laboratory.  
Restricted to Clinical Laboratory Sciences majors.

**CLS 204 Clinical Laboratory Seminar I**  
3 C.H.  
Prerequisite: CLS 201.  
A highly specialized course which consists of daily lectures in clinical laboratory sciences, the diagnosis of disease by laboratory methods.  
The seminar provides the formal theory for the experiences gained during the laboratory practicum.  
Emphasis on diagnostic microbiology, hematology and coagulation.  
Restricted to Clinical Laboratory Sciences majors.

**CLS 205 Clinical Laboratory Seminar II**  
3 C.H.  
Prerequisite: CLS 204.  
Continuation of specialized lectures in clinical laboratory sciences.  
Emphasis on clinical chemistry, clinical immunology/serology, body fluids and urinalysis, and immunohematology.  
Restricted to Clinical Laboratory Sciences majors.

**CLS 212 Molecular Biotechniques**  
4 C.H.  
Prerequisites: CH 111; BI 121, 212 and 203; and CLS 102.  
A course designed to introduce molecular biology techniques such as plasmid and chromosomal DNA isolation, restriction enzyme mapping, agarose gel electrophoresis, and manipulation of DNA fragments.  
Laboratory time required.  
Restricted to students with Biotechnology option.

**CLS 213 Biotechnology Laboratory Seminar**  
3 C.H.  
Prerequisites: CLS 201 and 212.  
A seminar consisting of lectures, guest speakers, and student presentations correlating practicum experience with practical and professional issues in biotechnology.  
Restricted to students with Biotechnology option.

**COMMUNICATIONS**

**CM 101 Introduction to Mass Media**  
3 C.H.  
Prerequisite or Parallel: EN 101.  
Introduction to the main aspects of communications and how the mass media - newspapers, films, television, magazines, radio, and advertising - operate in our society.  
Material covered includes basic theories of mass communications, psychology of communications, development of mass media, and the interrelationships between the mass media and society, business, and government in defining issues and molding public opinion and attitudes.

**CM 103 Broadcasting I**  
3 C.H.  
An examination of the influence which radio has on the thinking and behavior of society.  
This course will stress the discipline of critical and discriminating listening and the various kinds of performances and skills employed by the performer.  
May not be used to satisfy an English requirement.  
Not offered every semester.

**CM 116 Publications Workshop I**  
3 C.H.  
Prerequisite or Parallel: EN 101.  
Practical experience in all aspects of writing, editing, managing, and designing through assignments on a variety of student-sponsored publications.  
Included will be work on the school newspaper, yearbook and literary magazine.  
This course uses computer word processing programs for the completion of assignments and production of publications.

**CM 201 Effective Speaking**  
3 C.H.  
Prerequisite: EN 101.  
Methods to improve effective speaking through study of pronunciation, diction, voice usage, and vocabulary.  
Through extemporaneous and other talks, efforts will be made to improve confidence, organization of ideas, and effective delivery.  
Topics might include listening skills, control of nervousness, and the speaker's self-consciousness.

**CM 202 Public Relations Writing**  
3 C.H.  
Prerequisite: EN 101.  
An overview of writing for public relations.  
Students will gain experience producing public relations materials such as news releases for print and broadcast media, newsletters, brochures, and materials for special events.  
The role of public relations planning and strategy will be discussed.

**CM 206 Journalism: Basic**  
3 C.H.  
Prerequisite: EN 101.  
Instruction and practice in writing news articles and in developing news style and news story structure, gathering and processing the news, examining theories of mass communication, and critically judging what is news.  
This course may not be used to satisfy an English requirement, and assignments are completed using computer word processing programs.
CM 207 Journalism: Reporting, Layout and Opinion 3 C.H.
Prerequisite: CM 206 or permission of the instructor.
Instruction and practice in investigative and feature reporting and writing, including columns, reviews and editorials for print media; some news and feature writing for the electronic media and photo journalism. Also included will be examination of the technical aspects of newspaper production: editing, headline writing and layout. This course may not be used to satisfy an English requirement.

CM 217 Publication Workshop II 3 C.H.
Code C
Prerequisite: CM 116 or permission of the instructor.
Designed to provide the student with broader publication experience and responsibility. These publications may include a school newspaper, a literary magazine, a yearbook, or other needed school publications. Students will learn such publication skills as feature writing, editorial writing, composition, layout, and sales. This course uses computer word processing programs for the completion of assignments and production of publications.

COMPUTER SCIENCE

CS 102 Introduction to the Internet and Web Page Design 3 C.H.
Code B, C
Prerequisite: Satisfaction of the Computer Fundamentals Requirement.
An introduction to the technology of the Internet in which students will learn to use and analyze a web browser, e-mail, various search engines, develop web pages and transfer files across the Internet.

CS 105 Introduction to Computer Applications 4 C.H.
Code B, C
Prerequisite or Parallel: EN 100R.
An introduction to using the microcomputer as a productivity tool. Students will use application software for word processing, spreadsheets and databases. A comprehensive introduction to Windows will be presented along with the essentials of file management. Substantial hands-on work with PCs will be required in the computer lab.

CS 107 Programming I 3 C.H.
Code C
Prerequisite MA 115 or satisfactory score on placement test.
Prerequisite or Parallel: EN 101.
An introductory course in computer programming language*. This course is intended for computer science majors. Problem-solving techniques and algorithm development are emphasized. Students are taught how to design, code, debug, and document programs in good style. Topics include: overview of computer organization; conditional statements; loops; top-down design and stepwise refinement; functions; arrays and simple sorting techniques. A minimum of 3 hours per week of lab is required.
*The C Programming Language will be used.

CS 108 Programming II 3 C.H.
Code C
Prerequisite: CS 107 or CS 213.
Continues the development of programming skills taught in Programming I to the study of advanced programming applications.* Topics include: character data and enumerated data types, arrays and their applications to searching and sorting, pointers and dynamic programming, strings, files, recursion and an introduction to object-oriented programming. A minimum of 3 hours per week of lab is required. *The C Programming Language will be used.

COOPERATIVE EDUCATION

CO 203 Cooperative Education I 3 C.H.
May be used as the field experience component of career-oriented programs and as an exploratory experience for students undecided about academic/career goals. Work experiences of 15 hours/week are arranged as employment conditions allow. Work experiences are arranged to correspond with academic programs.

CO 204 Cooperative Education II 3 C.H.
A continuation of field experience established in CO 203. Students will be expected to demonstrate increased work-related skills and responsibility. Work experience (15 hrs/wk). Work experiences are arranged to correspond with academic programs.

*The C Programming Language will be used.
CS 109  Internet Technologies I  
Code B, C  3 C.H.  
Prerequisite: CS 105.  

An introduction to the development of Internet web sites with an emphasis on HTML and the related technologies that form the basis of web development. Students learn how to use HTML and related technologies to create multi-page web sites that include links, tables, frames, forms, graphics, image maps, multimedia, and style sheets. Course content is continually updated to reflect the current state of the art in Internet computing. The course requires substantial hands-on use of computers in a computerized classroom environment.

CS 110  Introduction to Electronics  
Code B, C  4 C.H.  
Prerequisite: DS 095 or permission of the instructor.  

An introduction beginning with the explanation of electrical energy, voltage, current and power concepts, and proceeding to fundamental DC, AC, analog, and digital circuits. Practical applications are stressed, and the lab exercises are run as though they are industry job assignments. Field practices are discussed and safety is stressed as a basic objective. Includes integrated lab exercises with the use of electronic test equipment and written lab reports.

CS 111  Introduction to Visual BASIC  
Code B, C  3 C.H.  
Prerequisite or Parallel: EN 100R.  

Introduces the fundamentals of programming using the BASIC language on microcomputer systems. Topics include input/output, looping, arrays, sorting, and data files, with an emphasis on problem definition, program design, coding, testing, and debugging. Substantial lab work is required.

CS 112  Introduction to PowerPoint for Windows  
Code B, C  3 C.H.  
Prerequisite: BOT 120 or CS 105.  

A study of the basics of this business graphics and presentation package. This course will cover identifying and using presentation icons and terminology; creating, moving, and sizing graphs, lines, and text; adding color; creating a slide master; changing font size; adding clip art and graphics; creating note and handout pages; and printing hard copies of the presentation. Substantial lab time is required. Special students require instructor's permission.

CS 113  Introduction to FORTRAN  
Code B, C  3 C.H.  
Prerequisite: MA 115. Prerequisite or Parallel: EN 101.  

An introduction to FORTRAN programming language recommended for engineering and science students. Introduces problem-solving methods and algorithm development, and shows how to design, code, debug, and document programs using the FORTRAN language. Topics include: computer organization, assignment statements, representation of numeric & character data, logical operators, conditional statements, looping techniques, arrays, simple sorting techniques, slash editing, and an introduction to file handling. Applications to problems in mathematics and the natural sciences will be stressed. Substantial lab work is required.

CS 115  Introduction to Pascal  
Code B, C  3 C.H.  
Prerequisite: Any math course except MA 091 or DS 091 or 095. Prerequisite or Parallel: EN 101.  

Designed to give student a detailed knowledge of the Pascal programming language and to introduce problem-solving techniques and algorithm development. Students are taught how to design, code, debug, and document programs in good style. Topics include: overview of computer organization, procedures and functions; conditional statements; top-down design and stepwise refinement; loops, arrays, simple sorting techniques; records; and enumerated types. Substantial lab work is required.

CS 120  Operating Systems  
Code B, C  3 C.H.  
Prerequisite or Parallel: CS 105.  

A comprehensive introduction to concepts and fundamentals of operating system environments. The course serves to prepare students for working with stand-alone and network operating systems for PC management and repair. Topics include commands and utilities, configuration, system management, automated batch files and the use of command line and GUI environments. Various operating systems are discussed and demonstrated. Substantial laboratory time will be required each week.

CS 130  Fundamentals of Digital Circuits and Logic  
Code B, C  4 C.H.  
Prerequisite: DS 095 or placement beyond DS 095. Prerequisite or Parallel: CS 105 or permission of the instructor.  

A study of the elements of digital logic design, digital circuits, and the fundamentals of a modern digital system. It begins with an explanation of binary number systems, progresses through logical design and into PC systems. Laboratory experiments are used to provide practical experience.
CS 135 Introduction to Computer Hardware
Code B, C 4 C.H.
Prerequisite or Parallel: CS 105 or higher, except CS 106; DS 095 or placement higher than DS 095.

An introduction to the personal computer (PC) as a system with emphasis on understanding the roles both of the hardware and the elements that interface the hardware to the user's program. Common PC elements (mother board, disk drives, modems and displays) are examined and their operation under various operating systems explained. Students will study troubleshooting techniques and the isolation of problems into software or hardware faults, incompatibilities, or viruses.

CS 140 Introduction to Local Area Networks
Code B, C 3 C.H.
Prerequisite: CS 120.

A comprehensive introduction to Local Area Networks, including LAN hardware, software components, network architecture, cabling, standards, data communications, network interconnectivity, security protocols, and bridges.

CS 141 Networking Essentials
Code B, C 3 C.H.
Prerequisite: CS 120.

An introduction to Local Area Networks including LAN hardware, network architecture, cabling, protocols, data communication and security. Where appropriate, examples will be drawn for Windows NT.

CS 145 Local Network System Management
Code B, C 3 C.H.
Prerequisite: CS 140.

A continuation of CS 140 providing students with the knowledge needed to manage the normal daily operations of a Local Area Network. The course covers responsibilities of the system administrator, management of users and groups, file server disk-directory organization, security management, managing printing, loading LAN application software, troubleshooting, and using supervisor and console commands.

CS 203 Introduction to Spreadsheets
Code B, C 3 C.H.
Prerequisite: CS 105 or BOT 120 or permission of the instructor.

Designed to give students exposure to an important microcomputer software tool which can solve a wide range of personal, educational, and business applications in such areas as taxes, budgeting, accounting, personnel, sales, and record-keeping. Students will be thoroughly exposed to spreadsheet concepts and applications. Substantial hands-on work with microcomputers will be required in the computer lab.

CS 204 Internet Technologies II
Code B, C 3 C.H.
Prerequisites: CS 109 and either 111, or 113 or 115 or 211 or 213 or 216, or permission of the instructor.

A continuation of Computer Science 109 Internet Technologies I. This course is a more advanced study of the software used in web page and web site development and the delivery of business information over the Internet and intranets. Topics include web server software, advanced features of HTML and other markup languages such as XML, and the development of interactive web sites using Internet scripting environments such as JavaScript, VBS Script, CGI, and Active Server Pages. Course content is continually updated to reflect current state-of-the-art in Internet computing. The course requires substantial hands-on use of computers in a computerized classroom environment.

CS 205 Database Management
Code B, C 3 C.H.
Prerequisite: CS 105 or BOT 120 or permission of the instructor.

Familiarizes students with basic models and capabilities of current database packages available for computers. Students will be guided through the implementation of database applications in the computer lab. Substantial hands-on work will be required in the computer lab using a current database language.

CS 206 Data Communications
Code B, C 3 C.H.
Prerequisite: EN 101 or permission of the instructor.

A comprehensive introduction to the concepts of data communications channels between computers. This course covers data transmission codes and protocols, LANS, WANS, file transfer protocols, communications software, planning and designing networks.

CS 211 Introduction to COBOL
Code B, C 3 C.H.
Prerequisite: Any previous computer programming course approved by instructor or permission of the instructor.

Introduction to the basic elements of the structured COBOL programming through the writing, testing, and debugging of assigned programs. Students will utilize a Text Editor to enter and modify their programs for running on an IBM/OS computer system. Substantial lab work is required.
CS 212 Advanced COBOL
Code B, C 3 C.H.
Prerequisite: CS 211.
Continuation of Computer Science 211. More complex programming including data editing, sorting, table processing, and file processing. Techniques of structured program design and program debugging will be stressed. Substantial lab work is required.

CS 213 Introduction to “C” Programming
Code B, C 3 C.H.
Prerequisite: Any previous computer programming course; satisfactory score on the mathematics placement test.
Designed to give students a detailed knowledge of the “C” programming language. Topics include: functions, simple data types, looping, conditional statements, user-defined and enumerated types, arrays, pointers, mathematical functions, string manipulation and advanced data types. Substantial hands-on work will be required in the computer lab.

CS 215 Assembler Language
Code B, C 3 C.H.
Prerequisite: Any previous computer programming course or permission of the instructor.
Introduction to machine language instructions and the internal architecture of computers and micro-processors. Emphasis is on development of programming skills and efficiency. Substantial lab work is required.

CS 216 Object-Oriented Programming Using Java
Code B, C 4 C.H.
Prerequisites: One of the following Computer Science courses: 111, 113, 115, 211, 213, or permission of the instructor. Mathematics placement above DS 095.
A comprehensive study of the fundamentals of object-oriented programming using the Java programming language. Topics include classes, objects, data structures, inheritance, polymorphism, graphics, event handling, components, graphical user interfaces, exception handling, threads, I/O streams, multimedia, and the Java API. The course requires substantial hands-on use of computers in a computerized classroom environment.

CS 218 Visual Basic II
Code B, C 4 C.H.
Prerequisite: CS 111 or permission of the instructor.
A continuation of Computer Science 111 Introduction to Visual Basic. Topics include more complex programming tasks involving advanced language elements, graphics, object-oriented programming, database connectivity, and interaction with the Windows environment. The course requires substantial hands-on use of computers in a computerized classroom environment.

CS 230 MS Office Integration
Code B, C 3 C.H.
Prerequisites: BOT 102 or 103, CS 105 or BOT 120 and 218 or permission of the instructor.
A course designed for the student who has already been exposed to a basic MS word processing class and wants to learn MS Office’s four major applications: Word, Excel, PowerPoint, and Access. This course incorporates Object Linking and Embedding which will enable the student to combine data from multiple applications into a single document. Substantial computer lab time is required. The student can elect to take the course for either Business Office Technology or Computer Science credit depending on their program.

CS 233 Windows 2000 Exchange Server
Code B, C 3 C.H.
Prerequisite: CS 235.
An examination of Microsoft’s Exchange Server. Topics covered include installation, configuration, management, and security. This course will help students prepare to meet the certification requirements for a Microsoft Certified System Engineer. Substantial work in the computer lab is required.

CS 234 Windows 2000 Professional
Code B, C 3 C.H.
Prerequisite: CS 141.
An introduction to Microsoft Windows 2000 Professional. Topics covered include installation, configuration, administration, and support. The course will introduce tools such as Microsoft Management Console, Task Scheduler, Control Panel and the registry, and the protocols and services that ship with Windows 2000, including the Domain Name System (DNS). Substantial work in the computer lab is required.

CS 235 Windows 2000 Server
Code B, C 3 C.H.
Prerequisite: CS 143 or CS 234.
An introduction to Windows 2000 Server. Topics covered include installation, file systems and disk management functions, administration of the operating system and Active Directory services, network protocols, routing and remote access, monitoring and optimization. Substantial work in the computer lab is required.

CS 236 Windows 2000 Active Directory Services
Code B, C 3 C.H.
Prerequisite: CS 235.
An in depth examination of the Active Directory infrastructure. Topics will include configuring the Domain Name System (DNS), centrally managing users, groups, shared folders and network resources, and implementing and troubleshooting security in a directory services infrastructure. This course will support the Microsoft Certified Systems Engineer testing program.
CS 237 Windows 2000 Network Infrastructure Administration
Code B, C
Prerequisite: CS 236.
Students will learn how to plan the infrastructure for a Windows 2000-based network. Topics covered will include installation and configuration of TCP/IP, deploying the Dynamic Host Configuration Protocol, using the Domain Name System and Windows Internet Name Service, providing clients with Remote Access Services, and network security. This course will support the Microsoft Certified Systems Engineer testing program.

CS 238 Windows 2000 Directory Services Infrastructure Design
Code B, C
Prerequisite: CS 235.
An examination of the skills and procedures required to design Windows 2000 Active Directory Services. Topics will include creating forest, domain and organizational unit plans, site topology plans and implementation plans. This course will support the Microsoft Certified Systems Engineer Testing Program.

CS 251 Object-Oriented Programming Using Visual Basic.NET
Code B, C
Prerequisite: Any previous computer programming language or permission of the instructor.
A comprehensive study of the fundamentals of object-oriented programming using the Visual Basic.NET programming language. Topics include the .NET environment, classes, objects, properties, methods, data structures, inheritance, encapsulation, polymorphism, exception handling, event handling, graphical user interface creation, and database access. The course requires substantial hands-on use of computers in a computerized classroom environment.

CS 252 Fundamentals of Internet Programming
Code B, C
Prerequisite: CS 109 and any previous programming course or permission of the instructor.
A comprehensive introduction to the programming languages and techniques used to create dynamic web sites. Topics covered include client-side programming technologies such as Javascript, VBScript, and Dynamic HTML and server-side programming technologies such as Active Server Pages. Course content is continually updated to reflect the current state of the art in Internet computing. The course requires substantial hands-on use of computers in a computerized classroom environment.

DEVELOPMENTAL STUDIES

DS 010 Foundations in Reading
3 C.H.
Prerequisite: Placement test score.
Provides students with essential reading skills such as decoding skills, phonetic and structural analysis skills, vocabulary development and reading comprehension in order to provide students with a basic reading foundation. This course will not satisfy graduation requirements.

DS 011 Reading Improvement
3 C.H.
Prerequisite: Placement test score or "C" in DS 010.
Co-requisite: DS 099.
Provides students with advanced work in reading skills (literal meaning, inference, critical thinking, and interpretation and evaluation) along with vocabulary development (dictionary and library skills) in preparation for general college studies. Prepares students for college-level reading in a variety of subjects. This course will not satisfy graduation requirements. DS 050, EN 100R or EN 101 may be taken concurrently.

DS 050 Writing Fundamentals
3 C.H.
Prerequisite: Placement test score.
A practical application of grammar by intensive practice in writing short passages to achieve competence in writing grammatically sound sentences and paragraphs. This course also is an introduction to the writing process by practical application of pre-writing, drafting, and revising techniques to writing short passages. This course will not satisfy graduation requirements. DS 011 may be taken concurrently.

DS 091 Introduction to Mathematics
3 C.H.
Prerequisite: Placement test score.
A review of basic arithmetic skills including whole numbers, fractions, decimals, and percents. Practical applications will be emphasized. Also included is an introduction to algebra and algebraic notation. This course will not satisfy graduation requirements.

DS 095 Basic Algebra
3 C.H.
Prerequisite: Placement test score or "C" in DS 091.
Beginning algebra including signed numbers, algebraic expressions, laws of exponents, order of operations, linear equations and inequalities, word problems, formulas, polynomials, factoring, and graphing. This course will not satisfy graduation requirements.

DS 099 Academic Skills Development
3 C.H.
Co-requisite: DS 011.
This course helps students to develop the academic skills necessary to succeed in academic coursework and in college life, including managing assignments, reading textbooks, finding information, test-taking, and planning for the semester and for graduation. This course will help students to develop a learning plan that addresses educational and career goals. This course must be taken within the first 12 credit hours and this course does not satisfy graduation requirements.
EN 100R Introduction to College Writing 3 C.H.
Prerequisite: Placement test score or "C" in DS 050.
Prerequisite or parallel: DS 099.
A comprehensive study of the paragraph as a unit of composition, emphasizing organization of ideas, specific methods of development, and elements of style. The subject matter will include the grammar and syntax of sentence patterns, punctuation, and the mechanics of formal college writing. Frequent writing assignments both in and out of class will be conducted in a workshop manner. Students who have received credit for English 101 Composition, may not take this course for credit.

EARLY CHILDHOOD EDUCATION

ECE 101 Introduction to Early Childhood Education 3 C.H.
A study of the historical perspectives of preschool education. Modern development, administration, curriculum, material and equipment, and trends in early childhood education will receive attention.

ECE 103 Seminar I 1 C.H.
Prerequisite: ECE 101. Corequisite: ECE 104.
Seminar dealing with specific teaching techniques as related to principles of child development and educational philosophy. Includes ways of promoting good human relationships and healthy physical, social, emotional, and intellectual development in the preschool child. Emphasis is on both individual and group dynamics. The seminar is coordinated with participation in a variety of childhood centers.

ECE 104 Field Observation 2 C.H.
Prerequisite: ECE 101. Corequisite: ECE 103.
Field work in a variety of childhood centers coordinated with Early Childhood Education 103.

ECE 105 Introduction to Special Education 3 C.H.
An introduction to the field, problems and trends in special education in America. Emphasis on the history, concepts, practices and terminology used by professionals in the field of special education. Sessions will include both general and specific information which will assist students in defining their role with Special Education students as well as their possible future careers in this area. Field observations included.

ECE 106 Teaching Children Music 3 C.H.
An investigation into the role of music and basic movement in early childhood development. Students will receive a basis in music skills. Included is preparation for assessing the health and physical well-being of the child. Students will demonstrate teaching techniques and prepare themselves for teaching through construction of teaching materials and accumulation of resource materials.

ECE 107 Practicum in Early Childhood Education 1 C.H.
Corequisite: ECE 108.
Field work integrates the seminar with on-the-job training experience involving reporting what is observed, noting differences and similarities in teaching styles, materials used, child behavior and overall classroom environments. Adult learners will recognize the relationship between their existing skills and interests, their developing skills, and the anticipated responsibilities in the child care work environment.

ECE 108 Early Childhood Methodologies Seminar 5 C.H.
Corequisite: ECE 107.
A survey of early childhood methodologies designed to teach adults developmentally appropriate practices and techniques for working as classroom aides with preschool children. Includes such topics as child development issues, curriculum activities, discipline, safety, and the creation of an effective inter-generational partnership in child care.

ECE 110 Infants and Toddlers 3 C.H.
Designed to prepare students in the care and teaching of infants and toddlers. Emphasizes the interrelationship of social, emotional, cognitive, physical, and language development patterns. Age-appropriate curriculum strategies based on developmental theories to create a quality program within an interesting, explorable environment will be discussed.

ECE 115 Parenting Skills 3 C.H.
An examination of successful parenting styles focusing on developing creative problem solving skills, improving communication, lessening parent-child conflicts, setting limits, encouraging responsibility, and building self-esteem. Parenting skills based on an understanding of appropriate developmental expectations for young children will include praising, and encouraging effective alternatives to punishment, expressing anger constructively, and accepting and coping with sibling rivalry.

ECE 130 Child Development Associate Credential 3 C.H.
Designed for early childhood education teachers and child care providers seeking their Child Development Associate Credential. Students will be assisted in developing an understanding of CDA functional areas along with a CDA resource file. Theories and philosophies within early childhood education will be correlated to CDA competencies.

ECE 200 Methods in Special Education 3 C.H.
An overview of many methodologies used in special education settings. Students will be exposed to behavior modification, classroom environments, testing materials and other special education practices.
### ECE 201 Learning Development in the Classroom  
3 C.H.  
Prerequisites: ECE 103 and 104.

The application of psychological principles in interpreting a child's behavior. The student will observe and analyze the child's physical, intellectual, emotional and social development within the classroom. Field work will be coordinated with classroom sessions.

### ECE 205 Internship Seminar  
2 C.H.  
Prerequisite: ECE 201. Co-requisite: ECE 206.

Students engaged in field work will spend two hours per week with an instructor evaluating and reflecting upon that experience. Must be taken in conjunction with Early Childhood Education 206.

### ECE 206 Internship  
4 C.H.  
Prerequisite: ECE 201. Co-requisite: ECE 205.

Students will devote twelve hours per week to laboratory field experience working with young children in an early childhood program under supervision. Included will be work on special projects, research and case studies. Must be taken in conjunction with Early Childhood Education 205.

### ECE 207 Natural Sciences and Safety for Children  
3 C.H.

Designed to enable the teacher to provide children with an appreciation of the world in which they live. It will encompass themes in mathematical concepts, natural science, physics, physical science, biology, chemistry, nutrition, and health and safety education. Emphasis will be placed upon children's natural curiosity. The method of teaching by discovery will be stressed.

### ECE 208 Children's Language and Literature  
3 C.H.

Major emphasis upon the use of language and communication skills along with methods and materials for their development. Ways to develop and increase creativity in these areas are explored and encouraged. A study of literature and poetry for young children is included. Reading methods are discussed and evaluated.

### ECE 241 Methods and Techniques for Infants and Toddlers  
3 C.H.

An introduction to various curriculum models for infants and toddlers. Strategies to interact and stimulate children under three will be explored. Cognitive learning games, language activities, music, movement and dramatic play will be studied. Developmentally appropriate toys and books will be reviewed.

### ECONOMICS

<table>
<thead>
<tr>
<th>Course Number</th>
<th>Course Title</th>
<th>Credits</th>
<th>Code</th>
<th>SS</th>
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</thead>
<tbody>
<tr>
<td>EC 100</td>
<td>Economic Resources</td>
<td>3 C.H.</td>
<td>B, SS</td>
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<td></td>
<td>Prerequisite or Parallel: EN 101 or permission of the instructor.</td>
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<td></td>
<td>An examination of natural and cultural factors affecting production and consumption of goods and services and spatial distribution of economic activities. Location theories are stressed. The systematic approach is emphasized primarily, but consideration is given to the regional approach. People-land relationships are considered in terms of physical and socio-economic patterns.</td>
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<td>EC 101</td>
<td>Development of Economic Thought</td>
<td>3 C.H.</td>
<td>B, SS</td>
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<td>Prerequisite or Parallel: EN 101 or permission of the instructor.</td>
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<td></td>
<td>A survey of the great ideas on which economics is based using the historical approach. The student is introduced to the concepts and tools of economics and to the relationships between economics and society. Not open as a credit elective for Business majors.</td>
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<td>EC 200</td>
<td>Survey of Economic Principles</td>
<td>3 C.H.</td>
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<td>Prerequisite or Parallel: EN 101 or permission of the instructor.</td>
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<td></td>
<td>An introductory survey of economics for students whose programs do not call for two semesters of economics. Emphasis is on macro-economics but some micro-economics basics are covered.</td>
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<td>EC 203</td>
<td>Fundamentals of Micro-Economics</td>
<td>3 C.H.</td>
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<td>Prerequisite: EN 101 or permission of the instructor.</td>
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<td>A study of market directed and mixed economies, emphasizing the American experience. The theory and facts of economic growth are covered. Emphasis is on market models and factor pricing. Alternative economic systems and current problems are surveyed. Students are expected to have a working knowledge of line graphs.</td>
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<td>EC 204</td>
<td>Fundamentals of Macro-Economics</td>
<td>3 C.H.</td>
<td>B, SS</td>
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<td>Prerequisite: EN 101 or permission of the instructor.</td>
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<td>A study of the economic system as a whole, concentrating on the U.S. including the general structure of business in the U.S.; the creation and control of the money supply; the components of aggregate demand; recessions and inflation; the interrelated roles of government and business; and international trade and exchange are covered.</td>
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ENGINEERING SCIENCE

ES 205 Introduction to Statics
Code S 3 C.H.
Prerequisite: MA 201. Prerequisite or Parallel: PH 205.
Engineering-level introduction to mechanics; the statics of particles; vector addition, subtraction, and multiplication; equilibrium and forces in spaces; rigid bodies and equivalent systems; free-body diagrams; centroids and centers of gravity; definition and analysis of simple trusses; and friction.

ES 206 Introduction to Dynamics
Code S 3 C.H.
Prerequisites: MA 201 and ES 205.
Prerequisite or Parallel: PH 206.
Topics covered include: moments of inertia, radius of gyration determination and parallel-axis theorem; kinetics of particles treating position, velocity, and acceleration; uniformly accelerated rectilinear motion; curvilinear motion; Newton's second law of motion, linear and angular momentum; energy methods, and systems of particles.

ENGLISH

EN 100R Introduction to College Writing
This is a Developmental Studies course and is listed on page 82.

EN 101 Composition 3 C.H.
Prerequisite: Satisfactory scores on placement exam or a grade of C or higher in EN 100R.
The study of skills necessary for effective written communication. The course includes analyses of outstanding prose works. The principles of rhetoric and logic are also applied in frequent writing assignments.

EN 102 Composition and Literature 3 C.H.
Prerequisite: EN 101.
A continuation of English 101, including analyses of works of fiction, poetry, and drama to introduce techniques such as irony, satire, point of view, and figurative uses of language. Assignments encourage analytical reading and writing. The course also focuses on research techniques to be applied to a documented paper.

EN 200 Topics in Literature
Code H 3 C.H.
Prerequisite: EN 102.
An opportunity to explore a variety of literary types in a less conventional setting than in the period courses. Topics will be varied by semester and by instructor's specialty. Among the special topics alternating by semesters are: Women in Literature; Mythology; Masterpieces of the Drama; Irish Literature; Hispanic Literature; Black Literature; Enduring Themes in Literature; Fiction & Film; Jewish Writing of the 20th Century; and the Holocaust.

EN 201 English Literature I
Code H 3 C.H.
Prerequisite: EN 102.
A chronological survey of the major works of English literature from the Anglo-Saxon period through the 18th century. Works may include those of the Beowulf poet, Chaucer, Shakespeare, Donne, Milton, Pope, and Swift. Works will be related to their historical and cultural settings.

EN 202 English Literature II
Code H 3 C.H.
Prerequisite: EN 102.
A chronological survey of the major works of English literature during the 19th and the 20th centuries, including those of Wordsworth, Coleridge, Byron, Shelley, Keats, Tennyson, Browning, Hopkins, Yeats, and Eliot. Works will be related to their historical and cultural settings.

EN 205 American Literature I
Code H 3 C.H.
Prerequisite: EN 102.
Close reading of selected major works of American literature from colonial times to the close of the nineteenth century. Emphasis will be placed upon the social and cultural implications of the works as well as upon their relevance to our own time. Major concentration will be on such writers as Poe, Hawthorne, Emerson, Thoreau, Melville, Whitman, Crane, James, Twain, and Dickinson.

EN 206 American Literature II
Code H 3 C.H.
Prerequisite: EN 102.
A study of the major works of American literature from the close of the nineteenth century to the present. Particular attention is given to the social and cultural implications of the works of such writers as Frost, Fitzgerald, Eliot, Hemingway, Faulkner, O'Neill, Steinbeck, Williams, Plath, and Ellison.

EN 207 Major Authors of the Western World I
Code H 3 C.H.
Prerequisite: EN 102.
A study of the major literary works of the western world from the beginnings to the Renaissance, including the Hebrew Scriptures (Old Testament), Greek mythology, the Iliad, Greek dramas, Roman mythology, the Aeneid, the New Testament, and the Divine Comedy.
EN 208  Major Authors of the Western World II
Code H  3 C.H.
Prerequisite: EN 102.
A detailed study of the major literary works of the Western World from the Renaissance to recent times. Works may include philosophical works of Descartes and Pascal, comedies of Molière, tragedies of Racine, Voltaire’s Candide, Goethe’s Faust, and works of Flaubert, Dostoyevsky, Gorki, Mann, Sartre, and others.

EN 211  Creative Writing
Code F  3 C.H.
Prerequisite: EN 101 or permission of the instructor.
A study and application in a seminar atmosphere of creative writing techniques, including, but not necessarily limited to, fiction and poetry. Intensive study of fiction by the world’s great writers to discover and understand the techniques used will serve as a starting point for individual work by students. Examination and practice of the techniques of poetry writing will also be offered. Work produced will be discussed and critically evaluated by the class. When possible, meetings and discussions with established writers will be arranged.

EN 217  Shakespeare
Code H  3 C.H.
Prerequisite: EN 102.
Detailed study of the major works of Shakespeare, such as sonnets, histories, comedies, romances, and tragedies from both a literary and theatrical perspective. Works will be related to their historical and cultural settings.

EN 219  Twentieth Century Literature
Code H  3 C.H.
Prerequisite: EN 102.
A study of representative 20th century writers from various geographic areas of the globe who reflect philosophies, movements, and styles that influence present-day attitudes. The selections are primarily, but not restricted to, non-American and non-British writers except those whose writing extends to other parts of the world.

ENGLISH AS A SECOND LANGUAGE
Intermediate and Advanced ESL courses carry foreign language credit. Up to 12 ESL credits may be used to fulfill foreign language/humanities or open elective graduation requirements.

ESL 015  Grammar I
Code F  3 C.H.
Prerequisite: Placement at ESL 010 or 020.
An intensive language course for high-beginner and low-intermediate, non-native students who want to develop competency in the use of basic grammatical structures in everyday situations. The course provides the opportunity to learn these structures through daily reading and language analysis exercises, speaking and writing practice. This course does not satisfy graduation requirements.

ESL 091  Basic Speaking and Writing I
Code F  3 C.H.
Prerequisite: ESL interview and placement test.
A beginner-level language course for non-native students with limited English experience who need an introduction to the basic sounds, structures, and vocabulary of spoken and written English. Includes listening comprehension and speaking skills, basic vocabulary and grammar study, and elementary reading and writing practice. Adult basic literacy, including cursive writing, is assumed. Two hours of laboratory/tutorial practice is required per week. This course will not satisfy graduation requirements.

ESL 092  Basic Speaking and Writing II
Code F  3 C.H.
Prerequisite: ESL 091 or ESL interview and placement test.
A high beginner-level language course for non-native students who need to develop confidence and fluency in speaking and writing practical English for everyday use. Includes listening comprehension and speaking skills, general vocabulary, basic grammar, and simple reading and writing practice. Two hours of laboratory/tutorial practice required per week. Does not satisfy graduation requirements.

ESL 111  Intermediate ESL I
Code H  3 C.H.
Prerequisite: ESL placement test.
An academically-oriented language course for non-native students who have a simple knowledge of spoken and written English. Emphasizes intensive general academic vocabulary development, extensive reading and listening comprehension, major aspects of sentence structure and grammar, and speaking and writing improvement using linguistically controlled materials. Two hours of laboratory/tutorial practice required per week.

ESL 112  Intermediate ESL II
Code H  3 C.H.
Prerequisite: ESL placement test or ESL 111.
Helps intermediate level ESL students improve their reading and writing skills and provides practice in listening and speaking. Reading assignments stress comprehension and vocabulary building. Writing skills focus on developing basic sentence structure and simple paragraphs. Students listen to taped lectures, practice dictation and note-taking, and participate in structured group discussions. All activities focus on expanding knowledge of English and developing fluency in all skills. Two hours of laboratory/tutorial practice required per week.
ESL 115 Intermediate Pronunciation and Speech
Code H 3 C.H.
Prerequisite: ESL 111 or permission of the instructor.
A speech improvement course to help intermediate-level non-native speakers of English to communicate more effectively in everyday situations and in academic settings. Focus is on developing greater clarity and fluency in spoken English through daily listening discrimination and pronunciation exercises; peer observation and interaction; guided group discussions and individual oral presentations. One hour of laboratory or tutorial practice required per week.

ESL 121 Advanced ESL I
Code H 3 C.H.
Prerequisite: ESL placement test or ESL 112.
An advanced language course for non-native students who have developed basic fluency in written and spoken English and who wish to further improve their language skills for academic or career purposes. Emphasizes intensive academic vocabulary development, extensive reading practice using short and long selections of general interest from academic subjects and literary works, individual pronunciation and oral presentations. Elements of effective writing, including problems in advanced syntax and sentence structure, are applied in short essays and longer writings such as autobiographies and book reports. Two hours of laboratory/tutorial practice required per week.

ESL 122 Advanced ESL II
Code H 3 C.H.
Prerequisite: ESL placement test or ESL 121.
Helps advanced ESL students expand and refine their reading, listening, speaking and writing skills for more effective communications in college and career settings. Students read non-fiction and fiction relating to North American culture and other subjects, discuss readings in small groups, then respond to readings by writing essays, summaries and reports. Students listen to taped lectures, dialogues and narratives from radio and television, and present oral reports and debates on selected topics. Activities focus on developing fluency, clarity and correctness of expression. Two hours of laboratory/tutorial practice required per week.

ESL 125 Advanced Pronunciation and Speech
Code H 3 C.H.
Prerequisite: ESL 121 or permission of the instructor.
A speech improvement course to help advanced-level non-native speakers of English communicate more effectively in academic and professional settings. Focus is on accent reduction and developing communication strategies through daily discrimination and pronunciation exercises; self-analysis practice, peer observation and interaction, and oral presentations. One hour laboratory/tutorial practice required per week. Note: A maximum of 12 credits of ESL courses may be applied as open-elective credits in the General Studies degree program.

ESL 135 Grammar III
Code H 3 C.H.
Prerequisite: Completion of ESL 020 with a grade of "C" or higher, or placement at ESL 130.
An intensive language course for non-native students who want to develop competency in the use of intermediate grammatical structures in practical and academic contexts. The course provides the opportunity to learn these structures through daily reading and language analysis exercises, speaking and writing practice.

ESL 155 Grammar V
Code H 3 C.H.
Prerequisite: Completion of ESL 140 with a grade of "C" or higher, or placement at ESL 150.
An intensive language course for non-native students who want to develop competency in the use of advanced grammatical structures in academic contexts. The course provides students the opportunity to master these structures through daily reading and language analysis exercises, group discussion and essay writing.

FRENCH

FR 100 Living French
3 C.H.
Designed primarily for those who wish to increase the full enjoyment of a trip to a French-speaking country by being able to understand and satisfy most routine travel, basic survival needs and minimum courtesy requirements. It will help students with speech confidence, accurate and natural pronunciation, aural comprehension from an early stage and also let them overcome most of the inhibitions that are often experienced when students express themselves in a foreign language. The course could provide a useful head start for those interested in a more serious study of French. This course will not satisfy the Foreign Language requirements.

FR 101 Elementary French
Code H 3 C.H.
Stresses pronunciation, aural comprehension, and conversation as well as the principles of grammar in order to reach facility in reading, writing, and speaking the language. Laboratory time is required weekly.

FR 102 Elementary French
Code H 3 C.H.
Prerequisite: FR 101 or permission of the instructor.
A continuation of French 101. Laboratory time is required weekly.

FR 103 Intermediate French
Code H 3 C.H.
Prerequisite: FR 102 or two years of high school French.
Review of grammar, oral drill, reading and conversation. Some reading of contemporary prose. Laboratory time is required weekly.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Code</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>FR 104</td>
<td>Intermediate French</td>
<td>H</td>
<td>3 C.H.</td>
<td>FR 103 or permission of the instructor.</td>
<td>A continuation of French 103. Laboratory time is required weekly.</td>
</tr>
<tr>
<td>FR 200</td>
<td>Topics in French</td>
<td>H</td>
<td>3 C.H.</td>
<td>FR 202 or permission of the instructor.</td>
<td>Intensive vocabulary building and study of idiomatic usage. Practice in oral reports based on reading of select works with emphasis on social and cultural implications of the works. Study of further problems in syntax and weekly themes in French. Drills on pronunciation with special consideration to overcoming characteristic problems encountered by students.</td>
</tr>
<tr>
<td>FR 201</td>
<td>Advanced French Conversation &amp; Composition</td>
<td>H</td>
<td>3 C.H.</td>
<td>FR 104, or four years of high school French, or permission of the instructor.</td>
<td>Intensive vocabulary building and study of idiomatic usage. Practice in oral reports based on topics of general interest. Advanced problems in syntax and weekly themes written in French. Laboratory time is required each week.</td>
</tr>
<tr>
<td>FR 202</td>
<td>Advanced French Conversation &amp; Composition</td>
<td>H</td>
<td>3 C.H.</td>
<td>FR 201 or permission of the instructor.</td>
<td>Continuation of French 201. Weekly themes and laboratory time required.</td>
</tr>
<tr>
<td>FR 203</td>
<td>Advanced Oral &amp; Written Practice in French</td>
<td>H</td>
<td>3 C.H.</td>
<td>FR 202 or permission of the instructor.</td>
<td>A continuation of Advanced French 201-202 for selected students. Intensive vocabulary building and study of idiomatic usage. Practice in oral reports based on reading of selected works with emphasis to be placed upon the social and cultural implication of the works. Advanced problems in syntax and weekly themes written in French. Drills on pronunciation with special consideration given to overcoming the obstacles characteristically encountered by students.</td>
</tr>
<tr>
<td>FR 225</td>
<td>Independent Study in French</td>
<td>H</td>
<td>3 C.H.</td>
<td>Permission of the Foreign Language faculty.</td>
<td>Designed for those students who wish to obtain credit in a selected topic in French. Students should have a high academic standing in French language.</td>
</tr>
<tr>
<td>GH 101</td>
<td>World Geography</td>
<td>SS</td>
<td>3 C.H.</td>
<td>EN 101</td>
<td>A study of the physical and human elements of global geography. Regional, cultural and population influences will be explored to give the student a better understanding of different geographical situations found in the world. The differences and inter-relationships of the developed and developing nations are probed in the depth necessary to understand present societies. Group discussions and audio-visual presentations are used as methods to give the student better insight into the influence of geography.</td>
</tr>
<tr>
<td>GO 101</td>
<td>Introduction to American Government</td>
<td>SS</td>
<td>3 C.H.</td>
<td>EN 101</td>
<td>A study of the Constitution, federalism, and other basic concepts of American government will be emphasized. Topics to be discussed are: executive, legislative, and judicial branches of government; national policy making - both domestic and foreign; political parties; interest groups and elections; civil rights; and suffrage.</td>
</tr>
<tr>
<td>GO 111</td>
<td>Rules of Order: Democracy via Parliamentary Procedure I</td>
<td>SS</td>
<td>1 C.H.</td>
<td>Election or appointment to the Student Senate.</td>
<td>A study of the creation, organization and work of a political group using democratic principles. The strength and weaknesses of the democratic form of government will be studied. The foundation of the course is parliamentary procedures and Student Senate meetings will be the laboratory in which these skills will be practiced. Leadership and managerial roles will be studied and the opportunities for the practical application of these many roles will be furnished. As a study of human interrelationships in the democratic political environment, the course will provide the opportunity for the student to develop the skills necessary for effective participation in community organizations.</td>
</tr>
</tbody>
</table>
COURSE DESCRIPTIONS

GO 113 Rules of Order: Democracy via Parliamentary Procedure III
Code SS 1 C.H.
Prerequisite: GO 112: Part II.
A continuation of GO 112:
Rules of Order: Democracy via Parliamentary Procedure II.

GO 114 Rules of Order: Democracy via Parliamentary Procedure IV
Code SS 1 C.H.
Prerequisite: GO 113: Part III.
A continuation of GO 113:
Rules of Order: Democracy via Parliamentary Procedure III.

GO 115 Comparative Politics
Code SS 3 C.H.
Prerequisite or Parallel: EN 101.
A comparative survey of the structures and functions of the national governments of selected industrialized and third world nations. Topics to be discussed will include key institutions, political attitudes, patterns of interaction, and contemporary issues facing each nation.

GO 116 Introduction to Political Science
Code SS 3 C.H.
Prerequisite or Parallel: EN 101.
A study of political ideology and power in the modern world. This course presents a broad introduction to political theory and concepts. The history and development of basic political themes, such as justice, law, equality, democracy, and nationalism will be discussed in a comparative context.

HE 101 Modern Nutrition
Code S 3 C.H.
An introduction to the fundamental principles of the new nutrition. The major and minor nutrients are discussed in relationship to energy, growth, and metabolism. The dietary requirements of children, adolescents, adults, and the elderly, as well as those of athletes and vegetarians, will be considered.

HE 102 First Aid and Safety
3 C.H.
This course provides the skill and knowledge needed in the immediate care of injured persons and seeks to create a safety consciousness for accident prevention. Standard First Aid and CPR will be studied as well as the prevention and care of basic athletic injuries. Better personal health habits, family health habits, and an interest in community wide health problems are developed. HE 100 is an equivalent course to HE 102.

HE 106 Health and Wellness
Code C 3 C.H.
This course provides the student with the knowledge and skills necessary to assist in making intelligent decisions about health and wellness. Topics include nutrition and weight management, substance abuse, stress management, fitness, cardiovascular disease, cancer, infectious disease including sexually transmitted disease. The course encompasses a total wellness concept of one's physical, mental and emotional well being. Students will learn about responsible life-style decisions that will directly affect their quality of life and attainment of wellbeing. Personal computer use of health risk appraisals will be included.

HE 120 Exercise and Nutrition
Code S 3 C.H.
Prerequisite: Satisfactory scores on placement exam or a grade of C or higher in EN 100R.
A study of nutrition for healthy living as well as for the athlete. This course will investigate and clarify the relationship between exercise and nutrition as it pertains to the discipline of exercise science. Students will explore the relationship of dieting, weight control, foods that enhance performance and ergogenic aids for athletes.

HE 160 Applied Human Movement
Code S 4 C.H.
Prerequisite: Biology 112.
A study of the principles of mechanics in relation to human movement with special emphasis on joint structure and function, and movement dynamics. The student will examine human motion as it pertains to exercise and fitness as well as athletics. Laboratory sessions will examine biomechanics and movement dynamics, and their applications to exercise. 3 hours lecture and 3 hours laboratory.
HE 180  Exercise Physiology  3 C.H.
Prerequisite: BI 112.
The study of exercise physiology and its application to sport performance and fitness. General physiological process including metabolism, gas transport and pulmonary function, muscular function, neural control, and other related topics are covered. Emphasis is on the effects of exercise on these systems.

HE 190  Theory of Exercise Leadership  3 C.H.
Prerequisites or Parallel: HE 160 and 180.
This course is designed to provide the practical application and theory needed to be an exercise leader. Topics include: workout format, organization atmosphere, equipment, music, and instructional aids. Methods of leading a weight training session including recruitment, design, and instruction, as well as equipment use and maintenance are covered. Different instructional methods will be explored as they apply to individual and group situations and to various learning styles and needs. Students will also learn how to ensure a safe and effective workout and how to evaluate and correct inappropriate or dangerous techniques. Throughout the semester, students will be given the opportunity to explore and develop their own individual teaching styles.

HE 205  Exercise Measurement and Prescription  4 C.H.
Prerequisites or Parallel: HE 160 and 180.
This course is designed to study the five health-related components - cardiovascular endurance, muscular strength, muscular endurance, flexibility, and body composition. Methods of assessing various fitness parameters will be taught and practiced. Students will learn how to develop individualized and properly designed exercise prescriptions for adults, including special populations.
3 hours lecture and 3 hours laboratory.

HISTORY
HI 103  Survey of Western Civilization I
(Ancient Times to 1600)  3 C.H.
Prerequisite or Parallel: EN 101.
The development of Western civilization from the ancient world through the middle ages to early modern times. Particular emphasis is placed upon the classical legacy, feudalism, the growth of monarchical power, the Renaissance and the Reformation.

HI 104  Survey of Western Civilization II
(1600 to the Present)  3 C.H.
Prerequisite or Parallel: EN 101.
The major developments in Western civilization from the seventeenth century to the present. Particular emphasis is placed upon the age of Louis XIV, the enlightenment, the French Revolution, the industrial revolution, modern imperialism, the growth of rivalry between the powers, and the development of new political philosophies which have helped to produce the existing international situation.

HI 201  American History I:
Colonial Times to 1860  3 C.H.
Prerequisite: EN 101.
Covers the political, economic and social development of the United States to 1860. It is devoted to the period from the earliest exploration and settlement to the Civil War. Topics covered include the colonial contribution to American democracy, the struggle for independence, formation of a national government, Jacksonian democracy, westward expansion, and the controversy over slavery.

HI 202  American History II:
1860 to the Present  3 C.H.
Prerequisite: EN 101.
Civil War to relatively modern times. Topics to be covered include the Civil War, reconstruction, the rise of industry, populism, the Spanish-American War, the frontier, Theodore Roosevelt's progressive program, Wilson's New Freedom, World War I, Versailles, the Twenties, the Great Depression, the New Deal, and World War II.

HI 210  History of Connecticut  3 C.H.
Prerequisite: EN 101.
A survey of the history of Connecticut from pre-Colonial times to the present. The course will emphasize Connecticut's rich multicultural history. Topics will include Native American, European, African-American, and Caribbean influences, immigration, and industrialization and deindustrialization.
COURSE DESCRIPTIONS

HONORS
HN 200 Honors Seminar 3 C.H.
Prerequisites: EN 102 and permission of the Honors Advisor; recommended: courses in literature, philosophy, psychology or sociology, history, and laboratory science.
An interdisciplinary course that examines a topic from the differing perspectives of the major academic disciplines - humanities, natural and physical sciences, and social sciences. The instructors and topic/content vary from year to year. Offered in the Fall semester only. Open only to students registered in the Honors Program. Satisfies an open elective requirement.

HN 225 Independent Honors Project 3 C.H.
Prerequisite: HN 200, permission of the Honors Advisor, and approved Honors contract.
An original student project completed under the guidance of a faculty mentor that demonstrates a student's ability to apply knowledge and skills in a creative and scholarly manner. The student must receive approval in the semester preceding the term during which the project is done. Satisfies an open elective requirement. Open only to students enrolled in the Honors Program.

HUMANITIES
HU 102 Philosophy and Contemporary Issues Code H 3 C.H.
Prerequisite: EN 101.
Intended to make philosophy relevant to students undertaking their first sustained study of the subject. To achieve this end, the pros and cons of provocative contemporary issues are explored, which in turn raise fundamental philosophical issues.

HU 200 Introduction to Philosophy Code H 3 C.H.
Prerequisite: EN 102.
Introduces the student to the major branches of philosophy. Readings include works from the philosophy of ethics, politics, religion, ontology, knowledge, and aesthetics.

HU 225 Independent Study in Humanities Code H 3 C.H.
Prerequisite: permission of the instructor.
Individual study of a special area, topic, theme or problem in the humanities by agreement with the instructor.

HUMAN DEVELOPMENT
HD 101 Decision Making 1 C.H.
Prerequisite or Parallel: EN 101.
Offers theory and practice in decision making. After completing a series of interest inventories designed to identify the student's values and preferences, the student has an opportunity to study sound principles governing decision making, then to work out a specific personal problem.

HD 104 Career Management 1 C.H.
Prerequisite or Parallel: EN 101.
Instruction in job-related issues. Topics include job applications, resumes and job letters, interviews, attitudes and job readiness.

HD 106 Understanding & Handling Stress 1 C.H.
Prerequisite or Parallel: EN 101.
Instruction in the causes, consequences and remedies for stress. Topics include: general theory, challenging our unrealistic attitudes, dealing with others, type “A” behavior, and burnout - its symptoms, causes and remedies.

HD 107 The Human Experience 1 C.H.
Prerequisite or Parallel: EN 101.
An interdisciplinary study of human fulfillment. Topics include interpersonal relations, learning and knowledge, prudence, justice (includes teaching of Marx and the Bible), temperance and courage.

HD 108 Achieving Human Fulfillment 3 C.H.
Prerequisite or Parallel: EN 101.
An interdisciplinary study of human fulfillment. Topics include the significance of our daily work, our search for meaning, traits of self-actualizing people, suffering, leisure, and beauty.
### HUMAN SERVICES

**HS 101 - Introduction to the Human Services**  
3 C.H.  
An interdisciplinary orientation to major Human Service agencies and institutions in this region including education, law enforcement, child care, mental health, recreation, geriatrics, etc. Participants will study the roles and functions of professionals in these types of Human Services careers. Instruction will include team-teaching, guest speakers, and field visitations.

**HS 103 - Introduction to Gerontology**  
3 C.H.  
An interdisciplinary introduction to the major concepts and issues related to the study of the aging process. The course is designed for students considering a career in gerontology or in a field where understanding the psychological, physical, social, and environmental issues of the elderly is of critical importance.

**HS 104 - Contemporary Mental Health Systems**  
3 C.H.  
A survey of systems and services for children, youth, and adults with serious mental illnesses as well as individuals with mental illnesses and addictions. Topics include treatment, rehabilitation and recovery, managed care, community support services, public awareness, consumer empowerment, and career opportunities.

**HS 105 - Addiction and Mental Illness in Behavioral Healthcare**  
3 C.H.  
Prerequisite: EN 101 or permission of the instructor.  
An overview of the policy and treatment issues in behavioral healthcare. Particular areas of concern include assessments, treatment concepts, national and state policies, dual diagnosis issues, managed care, and client motivation. The course examines current research and demographics which underpin the behavioral health movement.

**HS 107 - Advocacy in Human Services**  
3 C.H.  
Prerequisite: EN 101.  
A comprehensive survey of effective advocacy for and with human service agencies. Students will learn about power bases and influence in human service systems. The course will introduce students to advocacy theory and practice, providing lectures, practical hands-on assignments, and participatory learning.

**HS 111 - Introduction to Counseling in Human Services**  
3 C.H.  
A developmentally-based, experiential course designed to introduce pre-professionals and professionals to the basic concepts, theories and skills used in human service counseling. Practical application of skills and role-playing will be emphasized.

**HS 151 - Strategies for Developing Capable Children and Youth**  
3 C.H.  
Prerequisite or Parallel: EN 101.  
An overview of specific skills and practical strategies for developing responsible, capable children and youth and for strengthening families. Practical techniques are explained and applied in dealing with and preventing problems in families. Teaching methods include interactive group experiences and discussion, exercises, reading, and practice assignments. Skills acquired are applicable to broader settings, including childcare programs and schools.

**HS 161 - Disabilities Across the Lifespan**  
3 C.H.  
Prerequisite: PY 101.  
An overview of the field of developmental disabilities as it applies to people across the lifespan from birth to old age. Topics include mental retardation, cognitive disabilities, acquired brain injury, physical disabilities, sensory impairment and others. The course examines these topics from a variety of perspectives including prevalence, psychological aspects, age-related, adaptive problems and habilitative services in the continuum of care.

**HS 201 - Seminar in Group and Interpersonal Relations**  
3 C.H.  
A cross-disciplinary seminar introducing participants to the development and dynamics of small-group relationships and communications. Emphasis on theories and specific techniques designed to lead to self and interpersonal understanding among group members, research regarding the nature of behavioral understanding among group members, research regarding the nature of behavioral change, and supervised experience in participatory groups. Seminar will include a variety of techniques, including lecture, observation, role-playing, simulation, and video-tape analysis.

**HS 202 - Managing Human Services**  
3 C.H.  
An introduction and overview to the emerging field of human services management and administration. New developments and knowledge in this area will be assessed with specific examples of how this information can be used in practical, day-to-day situations. Designed for any professional or student preparing for a leadership position in the human services.

**HS 203 - Human Service Skills and Methods**  
3 C.H.  
A comprehensive study of the skills required of human service professionals including interviewing, managing social service cases, analyzing relevant legal matters and community organization skills. The course focuses on gathering and assessing information and determining appropriate intervention methods. Case studies are used to illustrate typical problems and appropriate responses.

**HS 204 - Human Services Internship I**  
3 C.H.  
Internship under the supervision and guidance of selected mental health and social service agencies in the region. A process of experiential learning which integrates the knowledge, skills and attitudes concurrently being taught in the classroom. Open only to Human Services Program majors.
**COURSE DESCRIPTIONS**

**HS 205 Human Services Internship II 3 C.H.**
Internship under the supervision and guidance of selected mental health and social services agencies in the region. A process of experiential learning which integrates the knowledge, skills and attitudes concurrently being taught in the classroom. Only open to Human Services Program majors.

**HS 206 Human Services Seminar 3 C.H.**
Addresses the specific areas of interest and academic concern for Human Service majors as they prepare for employment and/or transfer in the mental health and social service fields. Trends in the field, career planning and specialized target problems will be handled by professionals in the region and developed in class discussion.

**HS 208 Correctional Counseling 3 C.H.**
Prerequisite or Parallel: PY 101.
A study of casework, counseling, philosophy and methods, and treatment techniques used in correctional settings.

**HS 210 Topics in Mental Health 3 C.H.**
Focus on particular topics in mental health services that are especially relevant to working in community settings. Emphasis on conceptual knowledge about hands-on skills in clinical management and specific administrative tasks in working with clients. Topics include assessment, psychiatric medications, dual diagnosis, relapse prevention, crisis management, violence prevention, goal planning, entitlements, and burnout.

**HS 212 Practicum in Mental Health 3 C.H.**
Prerequisite: Permission of the instructor.
Practicum and field placement under the guidance and supervision of selected mental health agencies in the region. The practicum is a process of experiential learning that integrates the knowledge, skills, and attitudes concurrently being taught in the classroom. Open only to students enrolled in the Mental Health Certificate program.

**HS 213 Change Theory and Strategies in Behavioral Health Care 3 C.H.**
Prerequisites: PY 101 and EN 101 or permission of the instructor.
An overview of the theories of human behavior, addiction, mental health and change in all these areas of practice. This course will cover the cycle of change and Motivational Enhancement Therapy (MET) as used in the Behavioral Healthcare Model. The course will also examine the application of these concepts, theories, and skills to individuals with multiple behavioral difficulties.

**HS 214 Practicum in Behavioral Health Care 3 C.H.**
Prerequisite: Permission of the instructor.
Practicum and field placement under the guidance and supervision of selected behavioral healthcare agencies in the region. A process of experiential learning which integrates the knowledge, skills, and attitudes concurrently being taught in the classroom. Open only to students enrolled in the Behavioral Healthcare Specialist Certificate Program.

**HS 225 Special Problems in the Human Services 3 C.H.**
Prerequisite: Permission of the Human Services faculty.
A research project-oriented course under the personal supervision of a faculty member in the Human Services Program. It is designed to provide an opportunity to explore particular problem and subject areas within the area of Human Services. Subjects may be in urban studies, law enforcement, mental health, early childhood education, public administration, gerontology, etc. Assignments and hours will be individually tailored with the student.

**HS 251 Emotional Disorders in Children and Youth 3 C.H.**
Prerequisite: PY 101.
An examination of current treatment methods for children and youth with emotional disorders. Particular areas of focus include assessment and diagnosis, treatment approaches, intervention skills, effective service delivery models and systems issues from birth to three, preschool, latency, and adolescence.

**HS 252 Practicum in Children and Youth Mental Health 3 C.H.**
Prerequisite: Permission of the instructor.
Practicum and field placement under the guidance and supervision of selected children and youth mental health, education, and youth services agencies in the region. The Practicum is a process of experiential learning that integrates the knowledge, skills and attitudes concurrently being taught in the classroom. Open only to students enrolled in the Children and Youth Mental Health program.

**HS 261 Community Support Skills for the Disabled 3 C.H.**
Prerequisite: HS 161.
An examination of the functional themes of human service work with the disabled including participant empowerment, assessment, facilitation of services, community living supports, crisis intervention, and others. Based on National Standards of Training, this course incorporates validated, state-of-the-art practices associated with direct care of the disabled population.

**HS 262 Positive Behavioral Supports for the Disabled 3 C.H.**
Prerequisite: HS 161.
An examination of the behavioral analysis principles and strategies which provide the foundation for developing and implementing a successful and comprehensive positive behavior modification program for individuals with disabilities in a community setting. This course explores methods of treating maladaptive behaviors with strategies emphasizing positive, appropriate and effective means of communications in the target population. Topics of focus include reinforcement principles, structure, incidental teaching, functional analysis, goal setting, and others.
### HS 263 Professional and Ethical Issues in Disability Services  
Prerequisite: HS 161.

A seminar exploring the many important ethical and professional issues facing the complex field of disability services in institutional and community settings. Topics of exploration include the most recent standards of care in the profession, appropriate ethical behavior in difficult situations, laws associated with disability treatment, future trends and opportunities in the field of disabilities. Guest speakers and presentations are used to highlight current issues and challenges in the field.

### HS 264 Practicum in Disability Services  
Prerequisite: Permission of the instructor.

Practicum and field placement under the guidance and supervision of selected disability agencies in the region. A process of experiential learning which integrates the knowledge, skills and attitudes concurrently being taught in the classroom. Open only to students enrolled in the Disabilities Certificate program.

### ITALIAN

#### IT 101 Elementary Italian  
Code H  
3 C.H.

Stresses pronunciation, aural comprehension and conversation as well as the principles of grammar in order to reach facility in reading, writing, and speaking the language. Laboratory time is required weekly.

#### IT 102 Elementary Italian  
Code H  
3 C.H.  
Prerequisite: IT 101 or permission of the instructor.

A continuation of Italian 101. Laboratory time is required weekly.

#### IT 103 Intermediate Italian  
Code H  
3 C.H.  
Prerequisite: IT 102, or two years of high school Italian.

Review of grammar, oral drill, reading and conversation. Some reading of contemporary prose. Laboratory time is required weekly.

#### IT 104 Intermediate Italian  
Code H  
3 C.H.  
Prerequisite: IT 103 or permission of the instructor.

A continuation of Italian 103. Laboratory time is required weekly.

### IT 225 Independent Study in Italian  
Code H  
3 C.H.  
Prerequisite: Permission of the Foreign Language faculty.

Designed for those students who wish to obtain credit in a selected topic in Italian. Students should have a high academic standing in Italian language.

### LATIN

#### LT 101 Latin I (Distance Learning Course)  
Code H  
3 C.H.

The first of a series of four courses designed to develop the ability to speak, read, and write Classical Latin. The course includes an introduction to the history of the Latin language, pronunciation, the first three noun declensions, the demonstrative pronouns hic, ille, and iste, the four verb conjugations in the present, future and imperfect tenses, the irregular verbs sum and possum in addition to word order, agreement of adjectives, apposition, and various sentence structures.

#### LT 225 Independent Latin Study  
Code H  
3 C.H.  
Prerequisite: Permission of the Foreign Language faculty.

Designed for those students who wish to obtain credit in various areas of Latin. This course will not satisfy the Foreign Language requirements.

### LAW

#### LAW 101 Legal Writing  
3 C.H.  
Prerequisite or Parallel: EN 101 or permission of the instructor.

An introduction to the law including case analysis and legal research. Students will learn how to prepare different legal documents including memoranda of law, motions, and appellate briefs.

#### LAW 102 Contracts  
3 C.H.  
Prerequisite or Parallel: EN 101 or permission of the instructor.

A study of basic contractual obligations including offer and acceptance and consideration. Various articles of the Uniform Commercial Code and common law contracts will be examined.
LAW 103 Litigation 3 C.H.
Prerequisite: EN 101 or permission of the instructor.
An in-depth examination of the process of bringing, maintaining and defending a lawsuit. Every step of the litigation process from pleadings to appeals will be discussed. Students will be exposed to actual court documents to illustrate the litigation process. Emphasis will be on legal communication and oral presentations will be required.

LAW 201 Torts 3 C.H.
Prerequisite: EN 102.
A survey of general principles of tort law including intentional torts, negligence, and strict liability. Emphasis will be on the practical application of the law for the legal assistant.

LAW 211 Family Law 3 C.H.
Prerequisite: EN 102 or permission of the instructor.
An introduction to domestic relations law including marriage dissolution, annulment, child custody, support obligations, domestic violence, and adoption. Students will become familiar with the different pleadings that are filed in family law cases including complaints, separation agreements, and child support guideline worksheets.

LAW 212 Real Property 3 C.H.
Prerequisite: EN 102 or permission of the instructor.
An introduction to the basic concepts of real estate transactions. The course will examine practical problems involving conveyances from the drafting of a purchase and sale contract to the closing of title. Other topics include the mechanics of title examination, mortgages, and foreclosures.

LAW 213 Probate Law 3 C.H.
Prerequisite: EN 102 or permission of the instructor.
A discussion of the basic concepts of estates and trust law with an emphasis on administration of estates. Students will be exposed to various related topics including federal income, inheritance, estate and gift taxes.

LAW 214 Business Organization 3 C.H.
Prerequisite: EN 102 or permission of the instructor.
A study of practical information regarding the formation, operation, and termination of business entities. Students will be required to complete the necessary documents to establish corporations and partnerships.

MATHEMATICS

MA 103 Mathematics of Finance 3 C.H.
Prerequisite or Parallel: EN 101. Prerequisite: Satisfactory score on mathematics placement examination or DS 091, Introduction to Mathematics.
An elementary course covering a wide range of mathematics commonly used in business and personal finance. Topics include: simple and compound interest, present value, wages, taxes, insurance, and marketing and retailing mathematics.

MA 104 Introduction to Statistics 3 C.H.
Prerequisite: Satisfactory score on mathematics placement examination or MA 115, Intermediate Algebra. Prerequisite or Parallel: EN 101.
An elementary course in descriptive and inferential statistical procedures. Topics include: mean, median, mode, variability, standard deviation, standard scores, grouping data, histograms and frequency distributions, elementary probability theory and binomial probabilities, the normal distribution, hypothesis testing, and the Chi-Square test.

MA 110 Topics in Mathematics 3 C.H.
Prerequisite: Satisfactory score on mathematics placement examination or DS 095. Prerequisite or Parallel: EN 100R.
An exposure to a wide range of mathematical topics, with an emphasis on critical thinking, problem solving, and the real number system. Topics may vary at the discretion of the instructor, and may include set theory, logic, number systems, financial management, geometry, probability and statistics, or mathematical systems. This course is intended for the student whose major field of study requires no specific mathematical preparation.

MA 115 Intermediate Algebra 3 C.H.
Prerequisite: Satisfactory score on mathematics placement examination or DS 095, Basic Algebra.
The study of the algebraic techniques used to solve equations and inequalities and to perform basic operations with polynomials and rational expressions. This includes an introduction to the mathematical concept of functions and their graphs; a review of factoring and its applications to equation-solving and rational expressions; and an introduction to roots, radicals, and logarithms.
MA 130 Precalculus
Code M 4 C.H.
Prerequisite: MA 115 or two years of high school algebra or satisfactory score on the mathematics placement examination.

A study of the concepts from algebra and trigonometry that will be used in calculus. Topics include: equation and inequalities, functions, relations, graphs, exponential and logarithmic functions, circular functions, trigonometric functions, polynomial and rational functions, and systems.

MA 201 Calculus I
Code M 4 C.H.
Prerequisite: MA 130 or the equivalent.

A study of differential calculus, including functions, the definition of limits, limit theorems, the definition of derivatives, differentiation formulas, implicit differentiation, applications of derivatives, differentials, maxima and minima problems, concavity, antiderivatives, and an introduction to integration.

MA 202 Calculus II
Code M 4 C.H.
Prerequisite: MA 201.

A continuation of MA 201. Topics include: finding areas, volume and curve length using the integral, integration and differentiation of logarithmic, exponential hyperbolic and trigonometric functions, as well as techniques of integration and improper integrals.

MA 203 Calculus III
Code M 4 C.H.
Prerequisite: MA 202.

A continuation of MA 202. Topics include: the calculus of multiple variables covering analytic geometry in 3-space, vector calculus, partial differentiation, multiple integrations, and infinite series.

MA 204 Differential Equations
Code M 3 C.H.
Prerequisite: MA 203.

A course in techniques for solving various types of differential equations. Topics include: ordinary differential equations of the first and higher order, operators, successive approximations, interpolation and numerical integration, infinite series, and Laplace transforms.

MA 225 Selected Topics in Mathematics
Code M 3 C.H.
Prerequisites: Sophomore standing and departmental approval.

An independent study course for those students who wish to obtain credit in a specific course which the College does not generally offer.

MUSIC

MU 101 Music History and Appreciation
Code F 3 C.H.

A chronological study of Western music from the Middle Ages to the present. Various genres will be placed in their historical context and students will become familiar with basic musical terminology and its application. The course will also cover general trends in music composition and the major composers.

MU 105 History of Jazz
Code F 3 C.H.

African-European heritage of jazz; chronological development from early New Orleans through present trends. Presentation and discussion of important soloists, combos, and large ensembles. Included as part of the course will be attendance at live jazz concerts, lectures, and live performances during class time; use of recordings and films to illustrate characteristics of jazz.

MU 107 Music Theory I
Code F 3 C.H.

A survey of the elementary materials of music. Introduction to the concepts of rhythm, tonality, melody, texture, architectural form and timbre upon which musical organization is based. This course will include analysis, ear training, and written exercises.

MU 120 Latin and Caribbean Music
Code F 3 C.H.

An introduction to the variety of music from diverse ethnic groups of the Caribbean and Latin America. The influences of Spain, Africa, Portugal, and other countries on the music of the region will be examined. In addition, the course will explore how the music of the Caribbean and Latin America has made strong impact abroad. The study will also include how the elements of popular culture, dance, and folk music of the region are interrelated.

NATURAL SCIENCES

NS 225 Special Problems in the Natural Sciences
Code F 3 C.H.
Prerequisite: Permission of the instructor.

A research-oriented laboratory course under the personal supervision of a member of the science department faculty designed to give an advanced student exposure to problem solving in the natural sciences. Problems may be selected in biology, chemistry, earth sciences, medical and allied health sciences, or physics. For most students, the course will serve as a first real exposure to how research is done in the natural sciences. The course will generally involve six (6) hours of laboratory and 1-2 hours of personally supervised contact per week. Hours to be arranged. The course may be taken for credit more than once.
OCCUPATIONAL THERAPY ASSISTANT

OTA 101 Occupational Therapy Assistant I
4 C.H.
Prerequisites or parallel: EN 101, PY 101, OTA 110.
An overview of the disabilities and diseases that affect children and the study of occupational therapy theory and practice as it relates to these conditions. 3 hours lecture and 3 hours laboratory. Restricted to OTA majors.

OTA 102 Occupational Therapy Assistant II
4 C.H.
Prerequisite: OTA 101.
An overview of the disabilities and diseases that affect adults and the study of occupational therapy theory and practice as it pertains to these conditions. 3 hours lecture and 3 hours laboratory.

OTA 107 Task Analysis
1 C.H.
Prerequisite or Parallel: EN 101.
A basic laboratory course in task analysis as it applied to understanding human occupation. Students will explore performance components, environmental adaptations and modifications according to individual needs. Restricted to OTA majors.

OTA 109 Group Dynamics in Occupational Therapy
3 C.H.
Prerequisites: EN 101, PSY 101, OTA 110.
A theoretical basis and practical application of group treatment within the context of theories commonly used in occupational therapy treatment. The emphasis is on application of skills in mental health settings. Restricted to OTA majors.

OTA 110 Foundations of Occupational Therapy
3 C.H.
Prerequisite: EN 101.
An introduction to the profession of occupational therapy including its history and philosophical base. Students will develop basic vocabulary, professional skills and attitudes essential to the profession. Restricted to OTA majors.

OTA 201 Occupational Therapy Assistant III
4 C.H.
Prerequisite: OTA 102.
An overview of the disabilities and diseases that affect elderly adults and the study of occupational therapy theory and practice as it pertains to the treatment of these conditions. Restricted to OTA majors.

OTA 202 Case Studies in Occupational Therapy
4 C.H.
Prerequisite: OTA 102.
A study of specific treatment principles, techniques and applications presented in a case study format. 3 hours lecture and 3 hours laboratory.

OTA 211 Occupational Therapy Assistant Seminar
2 C.H.
Prerequisites: OTA 201.
A study of the agencies (private, state and federal), the laws, and the people influencing the practice of occupational therapy and the role of the COTA.

OTA 212 Clinical Practicum - Level IIA
5 C.H.
Prerequisite: Permission of instructor.
Two hundred and forty hours of full-time performance displaying entry-level OTA skills in an Occupational Therapy department working under the supervision of a Registered/Licensed Occupational Therapist.

OTA 214 Clinical Practicum - Level IIB
5 C.H.
Prerequisite: Permission of instructor.
Eight weeks of full-time performance displaying entry-level OTA skills in an Occupational Therapy department working under the supervision of a registered/licensed occupational therapist.

OTA 215 Occupation in Treatment
1 C.H.
Prerequisite or Parallel: OTA 107.
A laboratory-based course in which students study the social, cultural, and personal meanings inherent in activities used in occupation-based treatment. Restricted to OTA majors.

OTA 216 Functional Kinesiology for the OTA
4 C.H.
Prerequisite: BI 112 or permission of instructor.
The study of activity analysis in human movement as it relates to functional biomechanics, muscle physiology, joint structure and function, and coordinated muscular function. Students will develop skills in goniometry, manual muscle testing, and activity analysis. Analysis of biomechanical forces on upper extremity function will be stressed using clinical examples related to the practice of Occupational Therapy.

OTA 217 Professional Preparation
1 C.H.
This course will provide an overview of the current job market and strategies for completing the certification exam and successfully entering the workforce. Students will develop necessary skills to becoming a professional. Restricted to OTA majors.
PHYSICAL THERAPY

PTA 120  Introduction to Physical Therapy
        Code C  3 C.H.
        Prerequisite: Satisfactory score on placement test.
        This course assists the student to recognize the roles of physical therapy within various practice settings. Students will differentiate functions of physical therapists and physical therapist assistants as members of the health care team through the study of documentation principles, ethics, national and state organizations important to providing services. Students will also develop the knowledge and abilities within the domains of conduct, communication, and sensitivity to individual and cultural differences.

PTA 125  Physical Therapy for Function
        4 C.H.
        Prerequisite: Satisfactory scores on placement exam or permission of instructor.
        This course provides the student with introductory concepts and techniques for physical therapy interventions for mobility impairments. Students begin to utilize a problem solving approach and demonstrate competence in the performance of interventions for transfer and gait training. 3 hours lecture and 3 hours laboratory.

PTA 230  Physical Agents in Physical Therapy
        4 C.H.
        Prerequisite: PT 125. Parallel: PT 235
        This course develops the student's competence with problem solving and application of physical therapy interventions using physical agents including applications of heat, cold, water, electricity, light, and mechanical forces or devices. 3 hours lecture and 3 hours laboratory.

PTA 235  Kinesiology for Rehabilitation
        4 C.H.
        Prerequisite: PT 125 and BI 212. Parallel: PT 230.
        This course fosters learning of the anatomical and biomechanical principles of human movement through the study of musculoskeletal and nervous systems. Competencies attained include posture and gait analysis including the effects of biomechanical forces on the human body. 3 hours lecture and 3 hours laboratory.

PTA 238  Special Skills for the PTA
        3 C.H.
        Prerequisites: PT 235.
        Lecture and laboratory course which develops an understanding of biomechanical data collection techniques, including special orthopedic tests and extremity joint mobilization concepts. Competencies attained include performance of goniometry, manual muscle testing, girth, volume, and body composition measurement, as well as recognition of abnormal gait patterns.

PTA 250  Therapeutic Exercise
        4 C.H.
        Prerequisite: PT 238. Parallel: PT 255.
        Learning includes the theory and techniques to safely and effectively implement orthopedic and medical therapeutic exercise interventions based on a plan of care established by a physical therapist. Students also develop competence to measure a patient's response to interventions and respond accordingly and to provide effective instruction to patients. 3 hours lecture, 3 hours laboratory.

PTA 253  Pathophysiology for Rehabilitation
        Code C  3 C.H.
        Prerequisites: BI 212, 213, PT 238. Parallel: PT 250, 255.
        This course develops comprehension of abnormalities and the physical, physiological, and psychological changes that occur throughout the human lifespan. The student learns the effects of pathology on the rehabilitation of patients with orthopedic, neurological, and general medical conditions.

PTA 255  Movement In Health and Illness
        4 C.H.
        Prerequisite: PT 238.
        Learning includes principles of normal motor development and healthy aging. Competence is gained in the application of interventions for neurologic impairments in children and adults. 3 hours lecture, 3 hours laboratory.

PTA 260  Physical Therapy Seminar
        2 C.H.
        Prerequisite: PT 250. Parallel: PT 262 and 265.
        In this course, students demonstrate the ability to apply principles of problem solving to selected professional issues, industry trends, and special populations may be encountered as a physical therapist assistant. Learning opportunities assist the student in transition from student to clinician and in the identification of interest areas for lifelong learning.

PTA 262  PTA Internship II
        5 C.H.
        Prerequisites: PT 250 and 253. Parallel: PT 260.
        Within this clinic-based course, students learn to integrate and apply physical therapy concepts and effectively perform physical therapy interventions as a Physical Therapy Assistant. Students develop their abilities for daily organization and management of a patient caseload and effectively contribute to the health care team.

PTA 265  PTA Internship III
        5 C.H.
        Prerequisite: PT 262. Parallel: PT 260.
        Within this clinic-based course, students learn to problem solve and competently function in the clinic environment as a Physical Therapist Assistant. Students develop competence with time management, clinical prioritization, and the entry-level abilities of the Physical Therapist Assistant prior to course completion.
PHYSICS

PH 101 General Physics I
Code S 4 C.H.
Prerequisite: MA 115 or equivalent.
Begins with a review of essential arithmetic operations, dimensional analysis, and systems of measurements. Then basic concepts in mechanics, energy, rotation, properties of matter, and heat are developed. Specific topics covered include: motion, Newton's three laws, vectors, uniformly accelerated motion, forces, motion due to gravity, work and energy, momentum, angular motion, rotation, mechanical properties of matter, and temperature and heat transfer. 3 hours of lecture and 3 hours of laboratory.

PH 102 General Physics II
Code S 4 C.H.
Prerequisites: MA 115 or equivalent and either PH 101 or permission of the instructor.
Discussion of basic concepts in sound, wave motion, electricity, magnetism and light. Specific topics covered include: vibratory motion, wave motion, sound, electrostatics, circuit elements, direct-current circuits, magnetism, electromechanical devices, properties of light, reflection and refraction of light, lenses, mirrors, and other optical devices, interference and diffraction of light. 3 hours of lecture and 3 hours of laboratory.
Note: Physics 102 may be taken before Physics 101 if a student has a strong background; permission of instructor is required.

PH 205 Engineering Physics I
Code S 4 C.H.
Prerequisite or Corequisite: MA 201.
Provides a solid foundation for engineering majors in physical quantities, vectors, equilibrium, motion, Newton's Law, motion in a plane, work and energy, impulse and momentum, moments, and rotation. 3 hours lecture and 3 hours laboratory. Formerly Physics 103.

PH 206 Engineering Physics II
Code S 4 C.H.
Prerequisite or Corequisite: MA 202.
A solid foundation for engineering majors in periodic motion, hydrostatics, hydrodynamics, temperature, heat, Coulomb's Law, electric field, Ohm's Law, DC circuits, light, reflection, refraction, interference and the diffraction of light, lenses, and mirror. 3 hours lecture, and 3 hours laboratory.

PSYCHOLOGY

PY 101 Introduction to Psychology
Code BS 3 C.H.
Prerequisite or Parallel: EN 101.
An introduction to the basic principles, findings, and methods of study relating to human behavior. Topics include history/research methodology, biological basis for behavior, sensation and perception, learning, memory, states of consciousness, and stress/health psychology. The course is designed to provide a foundation for more advanced study in psychology and related fields.

PY 104 Psychology of Adjustment
Code BS 3 C.H.
A study of the major forces which shape an individual's personality, along with special emphasis on the origins of or factors in adaptive and maladaptive behavior; ways of recognizing blocks to one's own creative and other productive energies; and of removing these obstructions through conscious choices.

PY 205 Child Psychology & Development
Code BS 3 C.H.
Prerequisite: PY 101 or permission of the instructor.
Presents a study of human development from conception to adolescence. Students are guided in the development of a scientific and objective attitude toward the interpretation of child behavior. They observe children and analyze their behavior in each of the following areas: motor, social, language, and emotional development. Other areas studied include methods of child study, the interacting influences of heredity and environment, the prenatal period, the neonate, physical growth, mental development, learning and personality.

PY 206 Adolescent Psychology
Code BS 3 C.H.
Prerequisite: PY 101.
An investigation of the scope of present knowledge, theory, methods and problems encountered in growth and development from adolescence through adulthood. Topics include biological, psychological and social factors, developmental stages, individuals in various social settings and institutions.

PY 208 Psychology of Addiction
Code BS 3 C.H.
Prerequisite: PY 101 or permission of the instructor.
Provides an expectation of the psychological issues associated with addictive behavior. Particular areas of concern include alcoholism, drug addiction, eating disorders, gambling disorder, dependency and other addictive traits. Examines current research and treatment techniques.
PY 210 Abnormal Psychology/Maladaptive Disorders
Code BS 3 C.H.
Prerequisite: PY 101 or permission of the instructor.
Concepts of normality and abnormality, in terms of statistical frequency, cultural/social norms and deviance, degree of impairment or disordered behavior. Examination of various types of maladaptive disorders, their determinants or causative factors, and forms of treatment.

PY 211 The Psychology of Adult Development & Aging
Code BS 3 C.H.
Prerequisite: PY 101 or permission of the instructor.
A study of present research covering the span of life from young adult through death. Information on theories of adult development, physiological changes, personality, social behavior, vocations and avocations, marriage and family life, aging and death will be examined.

PY 212 Seminar on Death and Dying
Code BS 3 C.H.
Prerequisite: PY 101 or permission of the instructor.
An in-depth exploration of human emotions, attitudes, and behaviors associated with death and dying. Topics include the study of historic and religious foundations, suicide, euthanasia, bereavement, preparations, coping with fear, dealing with children, and theories concerning life after death and reincarnation. The course is designed to provide stimulus for introspection of individual problem areas.

PY 213 Organizational and Industrial Psychology
Code BS 3 C.H.
Prerequisite: PY101 or permission of the instructor.
The application of psychological techniques as related to business and industry with emphasis on: selection and training, motivation and morale, worker efficiency, analysis and evaluation of job performance, accidents, safety, leadership, and supervision.

PY 214 Psychology of Sports and Wellness
Code BS 3 C.H.
Prerequisite: PY 101 or permission of the instructor.
A comprehensive study of the psychological concepts related to fitness, sports behavior and health. The course covers the history, evolution and foundations of this emerging field of study and practice. Topics include personal goal-setting, motivation, imaging, personality characteristics of athletes, competitive anxiety, psychology of coaching, team cohesion, the effects of sports on spectators and the psychological aspects of health. This course will be helpful to those interested in organized sports activities, as well as personal wellness and health.

PY 215 Social Psychology
Code BS 3 C.H.
Prerequisite: PY 101 or permission of the instructor.
An examination of personal and situational factors which affect individual behavior within a social context. Topics include “nature of self,” affiliation, aggression, group formation, and environmental psychology. Multicultural issues are explored.

PY 216 Psychology of Personality Theory
Code BS 3 C.H.
Prerequisite: PY 101 or permission of the instructor.
An introduction to the structure, dynamics and development of personality. The focus is on psychoanalytic, ego-psychological, behavioristic, humanistic, cognitive-developmental, and Eastern perspectives.

PY 217 Psychology of Criminal Behavior
Code BS 3 C.H.
Prerequisite: PY 101 or permission of the instructor.
An exploration of the psychological factors in delinquent behavior of individuals. Topics include biological factors, personality and crime, psychodynamic theories, frustration-aggression theory, psychopathic offenders and treatment concerns. Diversity issues addressed.

SO 101 Principles of Sociology
Code BS 3 C.H.
Prerequisite or Parallel: EN 101.
An introduction to the study of society, emphasizing the nature of social groups, institutions, interaction, and change in modern society. The course will cover culture, socialization of children and adults, sex and gender, race and ethnic relations, social stratification and inequality, and other topics such as education, health care, the family, crime, aging, politics and the state, religion, and work and the economy. Discussion and examples will focus primarily on the United States but with a strong global and multicultural component.

SO 202 Social Problems
Code BS 3 C.H.
Prerequisite: SO 101 or permission of the instructor.
The application of sociological principles and methods to selected problems of the United States society. The impact of a changing technology upon family, religious, educational, political, economic and community institutions is emphasized. The study includes an analysis of the developmental background of, and proposed solutions to, the problems selected for consideration.
SO 203 The City  
Code BS 3 C.H.  
Prerequisites: SO 101 and GO 101 or permission of the instructor.

A study of urbanization, its origin, rise, present importance and probable future development.

SO 206 Marriage and the Family  
Code BS 3 C.H.  
Prerequisite: SO 101 or permission of the instructor.

A study of the family using sociological analysis to better understand this most basic of institutions and its interdependence with other social institutions. Emphasis upon family life cycle, gender roles, alternative life styles, and the impact of social change.

SO 207 School and the Community  
Code BS 3 C.H.  
Prerequisite: EN 101.

A guided field experience for students entering the fields of teaching, psychology, sociology, social welfare, child care, law enforcement, urban technology, health care services, and other areas of community development. Based on the individual student's needs and career objectives, the course provides the opportunity for volunteer work in schools and community agencies under the guidance of college faculty and agency professionals. Most of the semester will be spent in the community placements. Students will keep a journal. The class will meet as a seminar only a few times to share experiences, resources, ideas, and to discuss the relevance of the readings to the community service.

SO 208 Human Sexuality  
Code BS 3 C.H.  
Prerequisite: SO 101 or PY 101 or permission of the instructor.

Biology, psychology and sociology are the disciplines upon which this course is based. It approaches human sexuality as a comprehensive and integrated policy topic by viewing sexual behavior in an evolutionary, historical, and cross-cultural perspective.

SO 210 Sociology of Women  
Code BS 3 C.H.  
Prerequisite: EN 101.

A survey of the status and contributions of women with special emphasis on new options and changing roles. An examination of the psychological and sociological process shaping the role of women and the effects of sex-role socialization. Instruction will be by lecture, films, guest lectures, class discussion, assigned readings and student presentation of projects or papers.

SO 211 Racial and Ethnic Diversity  
Code BS, SS 3 C.H.  
Prerequisite: SO 101 or permission of the instructor.

A study of racial and ethnic groups in the United States. The course will cover immigration, the history and culture of nations from which immigrants came, and theoretical perspectives and data regarding each group's adaptation to and treatment by the dominant culture. Representative cultures from Africa, the Americas, Asia, and Europe will be studied. This course may be used for either history or sociology credit.

SO 212 The African-American Experience  
Code BS, SS 3 C.H.  
Prerequisite: SO 101 or permission of the instructor.

An examination of the historical, economic, social, political, and cultural experiences of Africans in America. The course emphasizes the diverse nature of those experiences and the different ways they have been interpreted. This course may be used for either history or sociology credit.

SO 213 The Puerto Rican Experience  
Code BS 3 C.H.  
Prerequisite: SO 101 or permission of the instructor.

A survey of Puerto Rican society, both in Puerto Rico and in the United States. The course will explore the history, culture, values, traditions, relationships, politics, art, literature, and daily life of Puerto Ricans from Pre-Columbian times to the present.

SO 214 Religion, Society, and the Individual  
Code BS 3 C.H.  
Prerequisite: SO 101 or permission of the instructor.

A survey of the insights of sociology, this course explores the role of religion in the social construction of meaning, values, and behavior patterns. Historical patterns as well as modern trends in religion are examined. The nature of religion and its effect upon the individual and society are examined by using examples drawn from a variety of religions from all over the world. Particular attention is paid to Hinduism, Buddhism, Judaism, Christianity, and Islam.

SO 215 Sociology of Crime and Punishment  
Code BS 3 C.H.  
Prerequisite: SO 101.

A close examination of how society's norms and social values interact with the criminal justice system. Students will gain an understanding of the relationship between society and the police, courts and other criminal agencies. Issues pertaining to violent crime, punishment, inequality and discrimination will be discussed. This course will also focus on issues regarding "the war on crime," society's fear of crime and other relevant, current criminal issues.
ST 225 Special Topics in the Behavioral and Social Sciences
Code BS, SS 3 C.H.
Prerequisite: Permission of an instructor and the department chairperson.

Designed for those students who wish to obtain credit in a selected topic encompassing one or more of the Social Science disciplines. Students should have high academic standing and must contact an instructor and the Department Chairperson for approval.

SPANISH

SP 101 Elementary Spanish
Code H 3 C.H.

Stresses pronunciation, aural comprehension and conversation, as well as the principles of grammar in order to reach facility in reading, writing, and speaking the language. Laboratory time is required weekly.

SP 102 Elementary Spanish
Code H 3 C.H.
Prerequisite: SP 101 or permission of the instructor.

A continuation of Spanish 101. Laboratory time required weekly.

SP 103 Intermediate Spanish
Code H 3 C.H.
Prerequisite: SP 102, or two years of high school Spanish.

Review of grammar, oral drill, reading and conversation. Some reading of contemporary prose. Laboratory time is required weekly.

SP 104 Intermediate Spanish
Code H 3 C.H.
Prerequisite: SP 103 or permission of the instructor.

A continuation of Spanish 103. Laboratory time is required weekly.

SP 201 Advanced Spanish Conversation and Composition
Code H 3 C.H.
Prerequisite: SP 104 or four years of high school Spanish or permission of the instructor.

Intensive vocabulary building and study of idiomatic usage. Practice in oral reports based on topics of general interest. Advanced problems in syntax and weekly themes written in Spanish. Laboratory time is required weekly.

SP 202 Advanced Spanish Conversation and Composition
Code H 3 C.H.
Prerequisite: SP 201 or permission of the instructor.

A continuation of Spanish 201. Weekly themes and laboratory time required.

SP 225 Independent Study in Spanish
Code H 3 C.H.
Prerequisite: Permission of the Foreign Language faculty.

Designed for those students who wish to obtain credit in a selected topic in Spanish. Students should have a high academic standing in Spanish language. Also taught in Spanish.

THEATER ARTS

THA 101 Introduction to Theater and Performance
Code F 3 C.H.

A study of basic theories and elements of theater arts, including the dramatic construction of scripts, performance techniques and the administration of theater management. Students will learn what makes theater work, from the page to the stage and out to the audience.

THA 105 Theater History
Code F 3 C.H.
Prerequisite: EN 101.

A concise study of the history of theater from the Greek and Roman theater to the present. Each era of history will be examined through formal study, plays, skits, slides, and video.

THA 107 Voice and Diction
Code F 3 C.H.

A study of basic theories and exercises to teach the fundamentals of voice and diction for the theater. Emphasis will be on relaxation and preparation, proper breathing techniques, correct vowel formation, knowledge of different resonators, power of projection, word association, and linking one’s voice to character development.

THA 108 Introduction to Technical Production
Code F 3 C.H.

A survey of the various components of stagecraft and production techniques. Students will learn about the basic requirements for effective theatrical productions and gain an overview of the skills required in set design, lighting design, sound design and costume design. Lectures will be combined with studio activities.
THA 109  Acting I  
Code F  
3 C.H.  
Prerequisite or Parallel: THA 101.  
A practical approach to the art of acting with emphasis on the fundamental tools of the actor including development of the imagination, creative interpretation, characterization, script analysis, improvisation, voice and movement. The course combines individual and group exercises and assignments. This course meets 6 hours each week.

THA 115  Introduction to Dance & Movement  
Code F  
3 C.H.  
This course is an exploration of the basic techniques, styles, concepts, and composition of theatrical dance and movement. Emphasis will be placed on movement expression of emotion, intentions, gestures, and physical characterization. The use of music and theatrical texts will provide the foundation for the work. This course meets 6 hours each week.

THA 209  Acting II  
Code F  
3 C.H.  
Prerequisite: THA 109.  
A continuation of THA 109 intensifying the development of the fundamental tools of the actor. Students will gain knowledge of the techniques of classical acting by studying and performing scripts from Greek plays, Commedia dell’Arte, Shakespeare, French farce and melodrama. This course meets 6 hours each week.

THA 214  Directing  
Code F  
3 C.H.  
Prerequisites: THA 101 and EN 101.  
A study of the basic methods and techniques of directing plays, with special emphasis on script analysis, imaginative concept development, and methods of rehearsing and working with actors. Students will be required to direct short scenes.
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<tr>
<th>Name</th>
<th>Department</th>
<th>Institution(s)</th>
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<td>Vincent Baldassano</td>
<td>Lecturer in Art</td>
<td>B.A., Warner College</td>
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<td>Ralph J. Barbiero Jr.</td>
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<td>Sandra Barnes</td>
<td>Lecturer in Biology</td>
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<td>Lynda Bauer</td>
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<td>Ph.D., University of Massachusetts</td>
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<td>Jennifer Bautista</td>
<td>Lecturer in Developmental</td>
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<td>Leona Bayusk</td>
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<td>Sandra Bendik</td>
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<td>Michael Boger</td>
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<td>Maria Borrelli</td>
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<td>Helen Burke</td>
<td>Lecturer in English as a</td>
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<td>Robert A. Caciopoli</td>
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<td>Laraine Caplan</td>
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<td>Diploma University of Cape Town, South Africa</td>
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<td>Salvatore Cappello</td>
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<tr>
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<td>Lecturer in Early Childhood</td>
<td>Education</td>
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<tr>
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<td>6th Year, University of Bridgeport</td>
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<tr>
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<tr>
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<td>Janice Creutzmann</td>
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<td>Lillie Crosby</td>
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<td>John M. Dederer</td>
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<td>Diann DeJulia</td>
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M.A., Boston University
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Security
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Branford Rehabilitation Center Branford, CT
Bristol Hospital Wellness Center Bristol, CT
Charlotte Hungerford Hospital Torrington, CT
Cheshire Convalences Center Chesire, CT
Cheshire House Nursing & Rehabilitation Center Waterbury, CT
Chestelm Health Care Moodus, CT
Centers for Optimum Care Waterford Waterford, CT
Centers for Optimum Care Danielson Danielson, CT
Centers for Optimum Care New Haven New Haven, CT
Centers for Optimum Care West Hartford West Hartford, CT
Centers for Optimum Care Windham Willimantic, CT
Coccomo Memorial Meriden, CT
Commerce Park Bridgeport, CT
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Connecticut Physical Therapy LLC Naugatuck, CT
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Smith House
Stamford, CT

Avery Manor
Needham, MA

Endicott Manor
Dedham, MA

Center for Rehabilitation
W. Springfield, MA

Farren Care Center
Turners Falls, MA

Mount St. Vincent's
Holyoke, MA

Reeds Landing
Springfield, MA

Springside of Pittsfield
Pittsfield, MA

SunBridge (MA):
East Longmeadow, Hadley, Holyoke, Northampton, Randolph

Blue Ridge Therapy Associates
Lynchburg, VA

The Children's Center
Hamden, CT

Avante @ Lynchburg
Lynchburg, VA

Cooperative Educational Services
Trumbull, CT

Rehabilitation Associates
Fairfield, CT

Kennedy Center
Trumbull, CT

Dubois Center
Stamford, CT

Centrahealth Virginia Baptist Hospital
Lynchburg, VA

Paragon Rehabilitation Services
Avon, CT

The Stamford Hospital
Stamford, CT

Remesa East Adult Day Care Center
Bridgeport, CT

Core-Lexicore / Kessler Core
Cheshire, CT

HEALTHSOUTH Corporation
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Adjunct Faculty Facilities
Aaron Manor Nursing & Rehabilitation Center Chester, CT
Active Physical Therapy Waterford, CT

Ahlbin Centers for Rehabilitation Medicine, Inc.
Bridgeport, CT
Allied Health Rehabilitation, Inc.
West Haven, CT
Amfit PT
Greenwich, CT
Aquatic Rehab Center
Milford, CT
Ashlar of Newtown
Newtown, CT
Astoria Park
Bridgeport, CT
Bel-Air Manor Nursing & Rehabilitation Center
Newington, CT
Branford Rehabilitation Center
Branford, CT
Bridgeport Health Care Center/Manor
Bridgeport, CT
Bridgeport PT & Sports Medicine
Bridgeport, CT
Bristol Hospital
Bristol, CT
Bristol Hospital Wellness Center
Bristol, CT
Charlotte Hungerford Hospital
Torrington, CT
Cheshire Convalences Center
Chesire, CT
Cheshire House Nursing & Rehabilitation Center
Waterbury, CT
Chestelm Health Care
Moodus, CT
Centers for Optimum Care
Waterford
Waterford, CT
Centers for Optimum Care
Danielson
Danielson, CT
Centers for Optimum Care
New Haven
New Haven, CT
Centers for Optimum Care
West Hartford
West Hartford, CT
Centers for Optimum Care
Windham
Willimantic, CT
Coccomo Memorial
Meriden, CT
Commerce Park
Bridgeport, CT
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Wallingford, CT
Connecticut Physical Therapy LLC
Naugatuck, CT
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Danbury, CT
Eastern Rehabilitation Network
New Britain, CT
Eastern Rehabilitation Network Bristol
Bristol, CT
Eastern Rehabilitation Network Milford, CT
Elm Hill Nursing Home
Rocky Hill, CT
Fowler Nursing Center
Guilford, CT
Gardner Heights
Shelton, CT
Gaylord Hospital Wallingford, CT
Geer Nursing & Rehab Center
Canaan, CT
Glendale Center
Naugatuck, CT
Greentree Manor Nursing & Rehabilitation Center
Waterford, CT
Griffin Hospital
Derby, CT
HealthSouth Sports & Medicine Rehabilitation Center
Hebrew Home and Hospital West Hartford, CT
Hewitt Home & Hospital
Shelton, CT
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Interchurch Residence Bridgeport, CT
Jewish Home for the Aged New Haven, CT
Jewish Home of Fairfield Fairfield, CT
Keystone Physical Therapy & Sports Medicine PC
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Kimberly Hall South Windsor, CT
Litchfield Woods Torrington, CT
Lord Chamberlain Nursing & Rehabilitation Center Stratford, CT
Madison House Madsion, CT
Maefair Health Care Center Trumbull, CT
Mansfield Center for Nursing and Rehab Mansfield, CT
Mariner Healthcare at Bride Brook Niantic, CT
Mariner Healthcare of Southern CT Ansonia, CT
McLean Home & Hospital / Eastern Rehab Network Simsbury, CT
Meadowbrook of Granby Granby, CT
Mediplex of Danbury Danbury, CT
Mediplex of Darien Darien, CT
Mediplex of Milford Milford, CT
Mediplex of Newington Newington, CT
Mediplex of Southern CT Milford, CT
Mediplex of Southbury Southbury, CT
Mediplex of Stamford Stamford, CT
Mediplex of Westport Westport, CT
Mediplex of Wethersfield Wethersfield, CT
Meriden Center Meriden, CT
Middlesex Convalescent Center Middletown, CT
Midstate Medical Center Meriden, CT
Montowese Health Care North Haven, CT
Mystic Manor Mystic, CT
Naugatuck at Danbury Danbury, CT
Naugatuck at Naugatuck Naugatuck, CT
Naugatuck at West Haven West Haven, CT
New Britain General Hospital New Britain, CT
Norwalk Hospital/ACRM Norwalk, CT
Physical Therapy Arts Brookfield, CT
Physical Therapy of Southern Connecticut Derby, CT
Plainville Health Care Center Plainville, CT
Rebound Physical Therapy Watertown, CT
Rebound Physical Therapy Waterbury, CT
Rehabilitation & HC Center of Litchfield Hills Torrington, CT
Rehabilitation Associates Stratford, CT
Rehability Center East Hartford, CT
Riverview Sports Medicine and Physical Therapy Center Westport, CT
Rose Haven Litchfield, CT
Ryders Health Management Stratford, CT
Salmon Brook Care & Rehab Center Glastonbury, CT
St. Joseph's Medical Center Stamford, CT
St. Mary's Hospital Waterbury, CT
St. Vincents Medical Center Bridgeport, CT
St. Vincent's Special Needs Trumbull, CT
Star Sports Therapy & Rehabilitation Orange, CT
The Curtis Home Meriden, CT
The Physical Therapy Center Torrington, CT
The Rehabilitation Center of Southwestern CT, Inc. Stamford, CT
The Rehabilitation Hospital of Connecticut Hartford, CT
Valley Physical Therapy Middletown, CT
Waterbury Extended Care Facility Watertown, CT
Watrous Nursing Home Madison, CT
Westerly Hospital Westerly, RI
Westfield Care & Rehab Center Meriden, CT
Westfield Care and Rehab Meriden, CT
Wolcott Hall Nursing Center Torrington, CT
Wolcott View Manor Wolcott, CT
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Statement of Non-Discrimination

Housatonic Community College will not discriminate against any individual on the grounds of race, color, religious creed, sex, age, national origin, ancestry, present or past history of mental or learning disorder, marital status, mental retardation, sexual orientation, learning disability, physical disability, including, but not limited to, blindness, or prior conviction of a crime, unless the provisions of sections 46a-60(b), 46a-80(b), or 46a-81(b) of the Connecticut General Statutes are controlling or there is a bona fide occupational qualification excluding persons in one of the above protected groups. With respect to the foregoing, discrimination on the basis of sex shall include sexual harassment as defined in section 46a-60(8) of the Connecticut General Statutes. Although it is recognized that there are bona fide occupational qualifications which provide for exception from employment prohibitions, it is understood these exceptions are to be applied pursuant to section 46a-68-33 of the administrative regulations. Further, Housatonic Community College will not discriminate against any person on the grounds of political beliefs or veteran status. Questions concerning College policy and practice or protection against discrimination should be directed to Brenda Alexander, HCC Office of Affirmative Action, 332-5160. Other student-related policies can be found in the HCC Student Handbook.

Policy on Violence Prevention and Response

In accordance with the Governor’s Executive Order #16, the Board of Trustees for the Connecticut Community Colleges has adopted a zero tolerance violence in the workplace prevention policy. For purposes of this policy, “violence” is defined as an overt act or threat of harm to a person or property, or any act that poses a substantial threat to the safety of any person or property. “Premises” is defined as any space owned or leased by the Community Colleges or any of its constituent units, including vehicles and any location where College or system business or activities are conducted. Conduct that may violate this policy includes, but is not limited to, the following:

- Intimidating, harassing, or threatening behaviors;
- Physical abuse, including hitting, slapping, poking, kicking, punching, grabbing, etc.;
- Verbal abuse, including yelling, shouting, use of sexually, racially, or ethnically charged epithets, etc.;
- Vandalism;
- Carrying or possessing weapons or dangerous instruments of any kind on Community College premises, unless properly authorized;
- Using such weapons; and
- Any other act that a reasonable person would consider to constitute a threat of violence, including oral or written statements, gestures, or expressions that communicate a direct or indirect threat of physical harm.

A person who feels that he or she has been subjected to threats or acts of violence as defined herein, or a person who witnesses such threats or acts, must report the incident to Security, Room A105, ext. 5025, or the Dean of Students, Room A110, ext. 5183.

Getting to Housatonic . . .

From Fairfield and points south: Connecticut Tpk., I-95 north to exit 27 (Lafayette Blvd., Downtown). At bottom of ramp, continue straight and take left onto Lafayette Blvd., going under I-95. Garage entrance is on your right about 1 1/2 blocks from underpass.

From Milford, Stratford, and points north: Connecticut Tpk., I-95 south to exit 27 (Lafayette Blvd.) Use right exit ramp onto Lafayette Blvd. Continue to garage on your right.

From Trumbull, Huntington, Monroe, the Valley and points north: Route 8-25 south to exit 2. From ramp go straight, bearing left to Lafayette Blvd. Continue past 2 lights. Entrance to garage is on left at the third traffic light.

Or: Take Rte. 8-25 south to exit 1. Left at bottom of ramp. At end of street, go left onto Lafayette Blvd. Entrance to garage is on right.