

Naugatuck Valley Community College offers associate degree programs, certificate programs and credit-free certificate programs. Curricular patterns are designed to implement the overall general and specific objectives of the College and lead to the degrees of:
 Associate in Arts (AA) Associate in Science (AS)

Associate Degrees

- Accounting (A.S.) – HA03
- Automotive Technician (A.S.) – HA24
- Automotive Technician Management (A.S.) – HC23
- Aviation Science (A.S.) – HB97
- Aviation Science Management (A.S.) – HC12
- Banking (A.S.) – HF08
- Behavioral Science (A.S.) – HC20
- Business Administration - Business Computer Applications (A.S.) – HA54
 with areas of focus in: Accounting, Finance, Management, Marketing
- Business Finance (A.S.) – HA57
- Business Management (A.S.) – HA68
- Business Office Technology Executive (A.S.) – HB69
- Business Office Technology Legal (A.S.) – HB67
- Business Office Technology Medical (A.S.) – HB68
- Computer Information Systems Technology (A.S.) – HA76
 with areas of focus in: Business Programming, Client/Server Systems,
 Microcomputer Networking Administration, Object-Oriented Programming,
 Web Site Development for E-Commerce
- Criminal Justice/Public Safety (A.S.) – HB04
- Criminal Justice - Computer Crime Deterrence (A.S.) – HC16
- Criminal Justice - Corrections (A.S.) – HC13
- Criminal Justice - Law Enforcement (A.S.) – HC14
- Criminal Justice - Security (A.S.) – HC15
- Drug and Alcohol Rehabilitation Counselor (A.S.) – HF03
- Early Childhood Education (A.S.) – HB93
- Electronic Engineering Technology (A.S.) – HB11
- Electronic Engineering Technology Telecommunications (A.S.) – HC22
- Engineering Science (A.S.) – HB12
- Engineering Technology (A.S.) – HB83
- Engineering Technology - Automated Manufacturing (A.S.) – HB84
- Engineering Technology - Computer-Aided Drafting/Design (A.S.) – HB86
- Engineering Technology - Mechanical (A.S.) – HB85
- Environmental Science (A.S.) – HB87
- Environmental Science - Biology (A.S.) – HB88
- Environmental Science - Environmental Systems (A.S.) – HB89
- Environmental Science - Wastewater (A.S.) – HB90
- Fine Arts - Art (A.A.) – HB15
- Fine Arts - Dance (A.A.) – HB99
- Fine Arts - Multimedia Technology (A.A.) – HB95
- Fine Arts - Music (A.A.) – HC10
- Fine Arts - Theatre Arts (A.A.) – HC11
- Fire Technology and Administration (A.S.) – HF05
- Foodservice Management (A.S.) – HB16
- General Studies (A.S.) – HB25
- Horticulture (A.S.) – HB37
- Hotel Management (A.S.) – HB94
- Human Services (A.S.) – HB34
- Human Services - Child and Family Services (A.S.) – HB96
- Human Services - Gerontology (A.S.) – HB30
- Human Services - Disabilities/Mental Health (A.S.) – HB31
- Human Services - Social Work (A.S.) – HB32
- Industrial Management & Supervision Technology (A.S.) – HB36
- Legal Assistant/Paralegal (A.S.) – HB56
- Liberal Arts and Sciences (A.A.) – HB57 with areas of focus in:
 American Studies, Early Childhood Education, History,
 International Education and Study Abroad Experience, Music
- Liberal Arts and Sciences - Mathematics & Science (A.A.) – HB44
- Marketing (A.S.) – HB61

- Mathematics & Science - Chemistry (A.A.) – HC12
- Nursing (A.S.) – HB66
- Physical Therapist Assistant (A.S.) – HB71
- Plastics & Rubber Engineering Technology (A.S.) – HB98
- Quality Assurance Technology (A.S.) – HB72
- Radiologic Technology (A.S.) – HB73
- Respiratory Care (A.S.) – HB74
- Technological Studies (A.S.) – HB81
- Technological Studies - Electrical (A.S.) – HF06
- Technological Studies - Wastewater (A.S.) – HF04

Credit Certificates

- Accounting – HJ05
- Advanced Engine Performance – HJ12
- Advanced Wastewater – HN11
- Athletic Coaching – HJ22
- Automotive Fundamentals – HJ24
- Business Office Technology - Clerical – HJ43
- Business Office Technology - Health Claims Processing – HK22
- Business Office Technology - Medical Insurance Specialist – HJ44
- Business Office Technology - Secretarial – HJ45
- Business Office Technology - Word Processing – HJ46
- Business Management – HJ38
- Business Programming – HK25
- Client/Server Systems – HK24
- Computer Crime Deterrence – HK26
- Computer-Aided Drafting/Design Technology – HJ50
- Criminal Justice – HJ75
- Culinary Arts – HJ77
- Dance – HK28
- Dietary Supervision – HJ65
- EMT-Paramedic – HJ97
- Early Childhood Education – HJ89
- Electrical – HN12
- Environmental Systems – HK15
- Family Child Care Provider – HJ68
- Finance – HJ70
- Fine Arts/Studio Art – HJ59
- Fuel Cell Technology – HC19
- General Automotive Services – HK10
- Gerontology – HK11
- Horticulture – HK18
- Legal Studies/Paralegal – HJ69
- Manufacturing – HK19
- Marketing and Distribution – HK20
- Marketing Electronic Commerce – HJ63
- Mental Health – HJ41
- Microcomputer Networking Customer Support – HK27
- Microcomputer Networking Specialist – HJ42
- Multimedia Technology – HJ71
- Object-Oriented Programming – HK23
- Plastics Specialization – HJ47
- Pre-Service Corrections – HK29
- Quality Control – HJ49
- Sales Support & Service – HJ64
- Social Services – HJ57
- Technical Communications – HJ61
- Wastewater – HN03

**Programs
of Study**

* For more information refer to pages 149-150.

THE PHILOSOPHY AND REQUIREMENTS

Naugatuck Valley Community College considers general education an important component of its degree programs. While an appropriate level of mastery in occupations and technologies is clearly essential, students are better prepared to live in the world and use this mastery only if they are also capable of understanding fundamental theory, weighing values, and forming independent judgments.

The College defines General Education as follows:

General Education embodies the acquisition and demonstration of those skills, abilities and values which allow a person to function as a free and responsible citizen. These include the capacities to read and listen with understanding, to communicate clearly in speech and writing, to perform basic mathematical computations, to reason logically, and to apply these skills, abilities, and values to the demands of living and working.

This definition and the philosophy behind it are embodied in the Common Core of General Education. It is a term which refers to courses as listed under Groups I, II, III, IV of Naugatuck Valley Community College's "Common Core of General Education" which the faculty of the College considers essential to its degree programs. These courses have already been incorporated into programs. The outline below will assist in understanding the categories of knowledge.

Placement testing results and course prerequisite requirements prevail before students may register for courses. Transfer credits will be handled on an individual basis.

GENERAL EDUCATION OUTCOMES

The outcomes of general education courses are listed in each course syllabus which are distributed to students each semester. The degree and certificate outcomes are listed next to each program outline in the following pages. The specific outcomes of the General Education categories are listed as follows:

Group I - Communication Skills

English-H101 - After successful completion of ENG-H101, students will be able to write clear, coherent, focused, well-developed, error-free essays and a documented research paper.

Communications-H101 - After successful completion of COMM-H101, students will be able to express themselves orally in interpersonal, small and large-group situations and demonstrate an awareness of communication barriers and breakdowns.

Group II - Mathematics and Science

Mathematics - After successful completion of mathematics courses, students will be able to solve problems and make reasoned decisions in their personal and professional lives.

Science - After successful completion of science courses, students will be able to appreciate and apply the scientific method in describing, creating, and understanding natural phenomena.

Group III - Behavioral and Social Sciences

Behavioral Sciences - After successful completion of a behavioral science elective, students will be able to demonstrate knowledge of the major theories in the behavioral sciences, understand and apply the scientific methodology used for behavioral science research; demonstrate an understanding of basic psychological processes, such as memory and learning; critically analyze the effects of social forces on the perceptions, roles and behaviors of individuals and groups; evaluate the causes and consequences of perceived inequality among groups of people. Demonstrate an understanding of the range of psychological and social functioning among different people across the lifespan and across situations; demonstrate an understanding and appreciation for the development and range of social structures such as marriage and the family, the arts, political organization, and religion across cultures; develop a conceptual framework for the origin of man and the development of culture.

Social Sciences - After successful completion of a social science elective, students will be able to conduct an inquiry in the social sciences using a variety of resources to gather and evaluate information; evaluate the interdependence of local, national and global communities; appreciate the relevance of the social sciences to social, political, and economic institutions and behaviors; critically analyze the reciprocal influence of Western and non-Western institutions and ideas in the developing global community; demonstrate competence in accessing, ordering, interpreting and evaluating new information; demonstrate knowledge of both the strengths and weaknesses of the types of research employed in the social sciences, and, in addition, develop an appropriate conceptual framework for analyzing current world issues.

Group IV - Arts and Humanities

English-H102 - Literature - After successful completion of Eng-H102, students will be able to demonstrate awareness of relationships between literature and society, as well as understand social and multicultural perspectives in literature. Students will also be able to form and express logical opinions about literature both in discussion and writing.

Fine Arts - After successful completion of a fine arts elective, students will have developed an aesthetic knowledge of the arts through classroom activities, practical application, and related cultural experiences.

Humanities - After successful completion of a humanities elective, students will have critically examined the development of values, the roles of creativity, spontaneity and discipline in human life, and the essential spirit of communication.

Special Note on Computer Literacy- Word processing skills are expected of all incoming students. Computer technology is integrated into most courses at the College. Students are urged to master basic computer skills prior to enrolling at the College or to take computer courses during the first semester of the college experience.

Group I

COMMUNICATION SKILLS	6 credits
ENG-H101	3 credits
COMM-H101	3 credits

Group II

MATHEMATICS AND SCIENCE	6 or 7 credits
Programs will contain one course from Category A and one course from Category B.	

Category A

Mathematics	3 or 4 credits
MATH-H106, 108, 109*, 111, 113, 117, 120, 205, 206, 207	
*(Restricted to Automotive Technician, Business Office Technology, Early Childhood Education, Hospitality Management, Landscaping and Horticulture students.)	

Category B

Sciences	3 or 4 credits
ASTR-H101	
BIOL-H103, 105, 110/120, 115, 129, 130, 151, 160 206/252, 212, 225, 232, 260	
CHEM-H101, 111	
GEOL-H101	
HORT-H205, 212	
METR-H101	
PHYS-H101, 111	

Group III

BEHAVIORAL AND SOCIAL SCIENCES	6 credits
Programs will contain one course from Category A and one course from Category B.	

Category A

Behavioral Sciences	3 credits
ANTH-H101	
PSY-H101	
SOC-H101	

Category B

Social Sciences	3 credits
ECON-H205, 206	
GEOG-H101, 102	
HIST-H101, 102, 104, 105, 106, 107, 110, 111, 112, 201, 202, 205	
POLS-H101, 102, 105	

Group IV

ARTS AND HUMANITIES	6 credits
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Programs will contain ENG-H102 (3 credits) and three other credits from this group:

Fine Arts:

ART-H101, 102, 104, 105, 109, 112, 114, 116, 131, 150
DANC-H101, 102, 103, 105, 106
MM-H101, 106, 116
MUS-H101, 112, 113, 114, 120
TH-H101, 102, 103, 104, 106

Humanities:

COMM-H107, 108
ENG-H117, 120, 201, 202, 203, 204, 207, 211, 212, 214, 221, 222, 231, 232, 236, 237, 247
FREN-H101, 102
GERM-H101, 102
ITAL-H101, 102
PHIL-H101, 102, 103, 104, 105, 106, 107, 110
PORT-H101, 102
SPAN-H101, 102, 201, 202

The Common Core of General Education is included in most degree programs at NVCC. Any temporary adjustments or exceptions to these requirements will be explained in specific programs to which they apply. The following definitions may be of some assistance.

Directed Electives -

Credit courses that satisfy specific program requirements. These courses are listed with each program area.

Liberal Arts Electives -

All courses listed in the common core under Groups I, II, III, IV and advanced courses with the same designations.

General Electives -

All credit courses listed in the catalog. Students should consider transferability of courses when choosing general electives.

ASSESSMENT OF THE COMMON CORE OF GENERAL EDUCATION

The effectiveness of the College's Common Core of General Education is assessed by the annual administration of the Academic Profile to each graduating class. The evaluation is a criterion-referenced achievement examination that rigorously and comprehensively assesses student proficiency in critical thinking, humanities, mathematics, natural sciences, reading, writing and social studies. No scores in the examination are reported for individual students, and scores are not broken down by courses taken or by any other faculty-specific information.

DEFINITIONS YOU NEED TO KNOW WHEN SELECTING YOUR PROGRAM AND COURSES

1. **Credit Hours (cr.)** - College work is measured in units called credit hours. A credit-hour value is assigned to each course and is normally equal to the number of hours the course meets each week. Credit hours may also be referred to as semester hours.
2. **Lecture Hours (lec.)** - The number of clock hours in the fall or spring semester the student spends each week in the classroom. This time frame is different for the shorter summer sessions.
3. **Laboratory Hours (lab.)** - The number of clock hours in the fall or spring semester the student spends each week in the laboratory or other learning environment. This time frame is different for the shorter summer sessions.
4. **Prerequisite** - A course that must be successfully completed or a requirement such as related life experiences that must be met before enrolling in another course.
5. **Corequisite** - A course that must be taken during the same or earlier semester as the course in which one is enrolling.
6. **Common Core** - A term which refers to courses as listed under Groups I, II, III, IV of Naugatuck Valley Community-College's Common Core of General Education which the faculty of the College considers essential to its degree programs.
7. **Electives** - Courses which may be chosen from items 8, 9, or 10.
8. **Liberal Arts Electives** - All courses listed in the common core under Groups I, II, III, IV and advanced courses with the same designations.

9. **General Electives** - All credit courses listed in the catalog. Students should consider transferability of courses when choosing general electives.
10. **Directed Electives** - Credit courses that satisfy specific program requirements. These courses are listed with each program area.
11. **Modern Language Equivalencies** - The following equivalencies satisfy the modern language requirements:
 - a) 3 years of high school work in a single foreign language, ancient or modern, or
 - b) 2 years of high school work and an added year of a college course at a more advanced level in a single foreign language, or
 - c) 2 semesters of a single foreign language in college.

Note: Students may also take CLEP (College Level Examination Program) to satisfy the modern language requirements. Information on these tests is available from the Testing Center.

12. **Credit-Free (CF)** - A course of study that does not apply towards the college degree; typically designed as short courses, workshops and customized programs. Credit-free programs focus on knowledge and skills that can be applied directly to the job, or personal and professional growth.
13. **Continuing Education Unit (CEU) Certificates** - Awarded for successful achievement of a credit-free program's learning objectives; typically CEU's are awarded on a 1:10 ratio (i.e., one CEU for every ten hours of qualified instruction).

This College continues to add and adjust courses, course designations, and course numbers to its offerings. The common core and the definitions will be adjusted accordingly.

COOPERATIVE EDUCATION

COOPERATIVE EDUCATION (CO-OP)

What is Cooperative Education?

Cooperative Education at Naugatuck Valley Community College is designed to integrate students' academic learning with career related work experience. The program is designed in the School-to-Career model with three interlinking components:

School-based learning - courses the students must complete in a particular major prior to beginning co-op;

Work-based learning - an employment experience in the student's chosen field of study; and

Connecting activities - students must attend a weekly co-op seminar during their work experience.

Cooperative education provides students with an answer to a common question asked by employers, "What experience have you had?" Upon successful completion of a co-op experience, students will have an up-to-date resume with hands-on experience in their field of study and three to six academic credits for their work experience.

Who is eligible for Co-op?

Students who have completed a minimum of 24 college credits and have maintained a "C" average overall and in their major are eligible. Students must meet specific curriculum requirements related to their major prior to enrollment in co-op. In some fields of study, co-op is required; in others, it is elective. Current majors with a co-op component include: (*E - Elective; R - Required*)

- Accounting (E)
- Automotive Technician (R)
- Business Computer Applications (E)
- Business Finance (E)
- Business Office Technology (R)
- Computer-Aided Drafting/Design (E)
- Computer Information Systems (E)
- Criminal Justice (R)
- Early Childhood Education (R)
- Electrical Engineering Technology (E)
- Environmental Science (E)
- Fine Arts (E)
- Fire Technology and Administration (E)
- Horticulture (R)
- Hospitality Management (R)
- Human Services (R)
- Legal Assistant/Paralegal (R)
- Liberal Arts (E)
- Management (E)
- Marketing (E)
- Medical Insurance Specialist (R)
- Plastics (E)

How Does Co-op Work?

Students who wish to participate in Co-op should visit the Cooperative Education and Employment Services Office in Kinney Hall and fill out a Cooperative Education Application. An employment specialist will meet with the student to review his/her college transcript to ensure that all mandatory coursework has been completed and to discuss the type of work experience the student is interested in pursuing. The employment specialist will then begin to contact area employers to assist the student in finding a suitable co-op placement. Students who enroll in co-op must attend a professional development workshop on resume writing and interview techniques prior to beginning their work experience. Most co-op placements require the student to complete 225 hours of paid work experience and attend a weekly 50 minute co-op seminar.

How Is Academic Credit Awarded?

Faculty facilitators supervise the work experience through regular site visits and through the weekly co-op seminar. Granting of college credit is based on the evaluation of the student's learning and job performance by the faculty facilitator in consultation with the employer. The awarding of credit is directly linked to the quality of the work experience and the learning that results.

Some co-op majors have different minimum work requirements. For more information, contact the Cooperative Education and Employment Services Office at (203) 575-8223.

PRIOR LEARNING EVALUATION

Naugatuck Valley Community College acknowledges its role in assisting adults to learn throughout their lives; therefore, the College enthusiastically supports the functions of continuing education in all divisions. The College promotes “learning as a lifelong process” and believes that everyone should have the opportunity to pursue different interests at convenient times and at different rates of speed.

Prior Learning Evaluation at Naugatuck Valley Community College was accepted by the President’s Cabinet in June 1982 as a result of a two-year study which originated within the College’s advisory system. The intent is to recognize the varied backgrounds of students coming to the College and to provide them with opportunities to begin their college careers or to make adjustments in their professions without duplicating proficiencies which they may already have attained.

No more than 50 percent of the credits required for a degree shall be awarded for prior learning. The credits must be awarded within the approved curricula of the College.

The student may apply for the evaluation of prior learning through one or both of the following procedures:

Credit by Examination

If the student wishes to have prior learning assessed through examination for select courses, he or she may use:

- College Level Examination Program (CLEP)
- College-Produced Examinations

The assessment verifies that learning has occurred and that the learning is equivalent in level and nature to learning acquired in an approved college course or program. Please contact Division Directors for a list of courses available through credit-by-examination.

For more information, call the Coordinator of Testing, Placement Testing Office at (203) 575-8048.

Credit by Portfolio Assessment

If the student wishes to substantiate prior learning via compilation of a portfolio of experience, he/she must complete the formal course in portfolio preparation (offered during the Spring Semester). Once compiled, the portfolios are assessed by faculty members qualified in pertinent subject areas.

For more information, contact the Cooperative Education and Employment Services Office at (203) 575-8223.

Board for State Academic Awards

(Charter Oak State College)

Students may also have their prior learning evaluated by Charter Oak College. Students may visit the local office at Ekstrom Hall, Room E-524, telephone (203) 575-8174 or call (860) 666-4595.

DISTANCE LEARNING

If you are well organized and highly motivated, this may be the learning environment for you. Learning activities are offered through a variety of media, resources and delivery systems. On the Internet, WebCT is our course management software. Asynchronous course access (that is: students and instructor are not working at the same, in the same place) lets you determine when and where you will study, (some courses may have a synchronous access requirement, either onsite or online). Basic computer literacy and access to the Internet are required. Refer to course descriptions to identify the prerequisites and requirements (hardware/software) unique to each course. NVCC continues to develop new Distance Learning opportunities.

For more information refer to the Distance Learning&WebCT link under Academic Services on the NVCC homepage or call the Distance Learning office at (203) 575-8182.

The following courses are three credits each.

Arts & Humanities

Fundamentals of Writing	ENG-H100
Composition	ENG-H101
Literature	ENG-H102
Mass Comm: Theories/Practices	ENG-H120
Advanced Prose	ENG-H234
Technical Writing	ENG-H236
Introduction to Multimedia	MM-H101
Multimedia Authoring I	MM-H104
Digital Imaging	MM-H108
Digital Video Production	MM-H110
Multimedia Authoring II	MM-H205
Multimedia Web Authoring	MM-H215

Behavioral and Social Sciences

General Psychology I	PSY-H101
Developmental Psychology	PSY-H201
Introduction to Criminal Justice	CJ-H101
Legal Aspects of Security	CJ-H213
Security Management and Supervision	CJ-H224

Business

Income Tax Accounting	ACCT-H203
Marketing I	BUS-H251
Spreadsheet Applications in Business	CS-H123
Real Estate Practice	LAP-H102
Estate Planning	LAP-H201
Advanced Legal Issues	LAP-H205
Word Processing II	WP-H202

Math /Science

Pre-Algebra	MATH-H092
Elementary Algebra	MATH-H096
Intermediate Algebra	MATH-H102
Elementary Statistics	MATH-H108
College Algebra	MATH-H113

SPECIAL PROGRAMS of STUDY

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 rather is a unique pathway curriculum between each one of Connecticut's twelve (12) community colleges to Central Connecticut State University (CCSU) or the University of Connecticut (UConn), or Charter Oak College (Connecticut's external degree program).

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 or to the University of Connecticut's School of Engineering or Charter Oak College (Connecticut's external degree program).

The curriculum consists of two distinct pathways — one in engineering, the other in technology. Each pathway provides the initial two years of study toward a bachelor's degree in technology at CCSU or in engineering at UConn.

For additional information, contact the Engineering Technologies Division at (203) 596-8727.

The **Technology Pathway** for entry into CCSU's School of Technology consists of a core of courses that will serve as the foundation for the bachelor of science degree in engineering technology, industrial technology and technology education. Continuation at CCSU will require a minimum course grade of "C" and sixty-five hours of college credits in specific courses.

The College of Technology Technological Studies parent program includes an extensive general education component of 38 credits and a 15-credit program core. There are 12 credits of directed and technical electives that can serve as an option to provide a focus for students who desire to concentrate their attention on a particular area. The options available are:

Electrical Option - This option is designed for students who have completed the electrical apprenticeship program available through the Independent Electrical Contractors of CT and have been introduced to:

- the principles of direct and alternating current and electromagnetism,
- operating procedures, function and installation of electric meters, transformers, etc.,
- National Electrical Code requirements for capacitors, electric motors, hazardous locations and Class I, II, and III installations, and
- National Code requirements pertaining to wire closets, junction boxes, stairway and emergency lighting.

Wastewater Option - This option is designed to introduce students to the safe and effective operation and maintenance of wastewater treatment plants, including areas of:

- applications of the theoretical principles of wastewater treatment processes,
- participation in an internship at an operating wastewater treatment facility, and
- provide current employees of wastewater treatment facilities an avenue of study that will lead to an associate degree and transfer to CCSU.

College of Technology Technological Studies

Course Type	Course Title	Credits
General Education		
Arts/Humanities		
English	English Composition	3
English	Oral Communications	3
Fine Arts	Elective	3
Humanities	Elective (literature)	3
Humanities	Elective (philosophy or foreign lang)	3
Science		
Chemistry	General Chemistry w/lab	4
Physics	Physics	4
Mathematics		
Mathematics	College Algebra	3
Mathematics	Trigonometry	3
Social Science		
Social Science	Elective (history)	3
Social Science	Elective (economics)	3
Behavioral Science	Elective (psychology or sociology)	3
Total General Education Credits		38
Specialized Core		
CAD	Computer-Aided Drafting	3
MEC	Materials Science	3
—	Introduction to Energy	3
CS	Introduction to Computers	3
Mathematics	Statistics	3
Total Core Credits		15
Choose one Option below:		
Option/Directed Electives		
—	Directed Elective	3
—	Directed Elective	3
—	Technical Elective	3
—	Technical Elective	3
Total Option/Directed Electives Credits		12
Electrical Option/Directed Electives		
Elec I	Electricity I	3
Elec II	Electricity II	3
Elec III	Electricity III	3
Elec IV	Electricity IV	3
Total Electrical Option/Directed Electives Credits		12
Wastewater Option/Directed Electives		
WMT I	Wastewater I	3
WMT II	Wastewater II	3
WMT III	Wastewater III	3
WMT IV	Wastewater IV	3
Total Wastewater Option/Directed Electives Credits		12
Total Credits		65

The **Engineering Pathway** for entry into UConn’s School of Engineering consists primarily of coursework in engineering, math and science classes. In addition to the sixty-four (64) hours of college credits in specific courses, a grade average of “B” with no grade less than “C” is required for continuation at UConn.

College of Technology Engineering Science

<i>Course Type</i>	<i>Course Title</i>	<i>Credits</i>
General Education		
Arts/Humanities		
English	English Composition	3
English	Literature & Composition	3
Fine Arts	Elective	3
Humanities	Elective	
	(philosophy & ethical analysis)	3
Humanities	Elective (western culture)	3
Science		
Chemistry	General Chemistry I w/lab	4
Chemistry	General Chemistry II w/lab	4
Mathematics		
Mathematics	Calculus I	4
Mathematics	Calculus II	4
Social Science		
Social Science	Elective	3
Specialized Core		
—	Applied Mechanics I	3
—	Applied Mechanics II	3
Physics	Engineering Physics I	4
Physics	Engineering Physics II	4
Mathematics	Multivariable Calculus	4
Mathematics	Differential Equations	3
Computer Programming	FORTRAN or Pascal or “C”	3
Open Electives		
—	Technical or Foreign Language	6
	Total Credits	64

SPECIAL INTEREST AND GROUP CONTRACT COURSES

Special credit or credit-free courses can be designed or existing courses tailored to meet specific requirements or needs of individual professional groups, agencies, businesses and industries.

These courses can be offered on an individual fee basis or on a contract basis. Contractual arrangements are possible for individual businesses or agencies to have courses given on campus and also on-site for their management, mid-management, secretarial and other staff to enhance their ability on the job. In the past, these have included nursing home administrators, area hospitals, factories, small business associations, and public service agencies, among others. Costs vary, depending on instructional and administrative fees. For additional information, call the Business and Industry Training Center at (203) 575-8242.

STUDY ABROAD

As a member college in The College Consortium for International Studies, Naugatuck Valley Community College may enroll students for semester abroad programs in the following countries and institutions of higher education:

Bulgaria	University of Ploudiv
China	Nanjing University
Columbia	Universidad Javeriana
Cyprus	Frederick Polytechnic University
Ecuador	Universidad San Francisco de Quito
England	Thames Valley University
France	The Institute for American Universities
Germany	Collegium Palatinum and Schiller International University
Greece	Anatolia College
Ireland	St. Patrick’s College, University of Limerick
Israel	University of Haifa and Specialized Schools
Italy	The American University of Rome, Scuola Lorenzo de Medici (Florence)
Japan	Suny/Toyana-Ken
Mexico	Universidad del Valle de Mexico
Portugal	CIAL Centrok de Linguas
Russia	The Institute of Youth, Moscow
Spain	CCIS Institute, The University of Seville
Switzerland	Franklin College

Summer study is also available in England, France, Germany and Italy.

Admission to Study Abroad

Students are evaluated for admission to academic studies abroad according to their academic ability, maturity, motivation, and potential adaptability to a foreign culture. They have usually completed their first year of college. A cumulative grade point average of at least 2.5 is required, and letters of recommendation must be secured from professors who know the student.

Credits, Transcripts, Costs

Students register at Naugatuck Valley Community-Technical College and pay the appropriate tuition and fees. Upon successful completion of the formal courses abroad, each student receives a transcript from the college reflecting grades achieved and credits earned.

Most courses taken abroad transfer readily to four-year institutions. A full semester of courses usually earns fifteen (15) credits. Summer session earns six (6) to nine (9) credits. Total program costs range from \$4250 to \$9000, depending on the country selected. Financial aid is available to qualified students.

For Further Information

Complete details about host institutions abroad, what is covered by the total program cost, and application materials may be obtained from the Behavioral and Social Sciences Division, Kinney Hall, Room K-600, or call (203) 575-8002.