

GENERAL EDUCATION CORE

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. **Contact Hours** - The actual number of hours required in a class or lab.
3. **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.
4. **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.
5. **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.
6. **Corequisite** - A course that must be taken during the same or earlier semester as the course in which one is enrolling.
7. **General Education Requirements** - A term which refers to courses that meet the eleven General Education Competencies. (See next page.)
8. **Electives** - Courses which may be chosen from items 9 10 or 11.
9. **Liberal Arts Electives** - All course subjects listed in the General Education Core, modern languages, ESL, and advanced courses with the same designations. Exceptions: Horticulture, Business, and Allied Health courses do not qualify.
10. **General Electives** - All credit courses numbered 100 or higher listed in the catalog. Students should consider transferability of courses when choosing general electives.
11. **Directed Electives** - Credit courses that satisfy specific program requirements. These courses are listed with each program area.

12. **Foreign 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 semester 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.

Note: ESL students may use up to six credits of Intermediate and Advanced levels of ESL courses to fulfill the Modern Language requirements.

13. **Non-Credit** - A course of study that does not apply towards a college degree; college credit is not earned. Typically designed as short courses, workshops, and customized programs; non-credit programs focus on knowledge and skills that can be applied directly to the job or personal and professional growth.
14. **Continuing Education Unit (CEU) Certificates** - CEU certificates are awarded in conjunction with mandatory continuing education requirements across different fields including: teacher professional development real estate nursing allied health insurance appraisal. Prior approval from the learner's Local Education Association must be obtained. 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 General Education and the definitions will be adjusted accordingly.

OUR 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 in terms of the following competencies and goals:

Appreciation of the Aesthetic Dimensions of Humankind 3 credits	Students will understand the diverse nature, meanings, and functions of creative endeavors through the study and practice of literature, music, the theatrical and visual arts, and related forms of expression.
Appreciation of the Ethical Dimensions of Humankind (Across the Curriculum)	Students will identify ethical principles that guide individual and collective actions and apply those principles to the analysis of contemporary social and political problems.
Continuing Learning and Information Literacy 3 credits	Students will be able to use traditional and digital technology to access evaluate and apply information to the needs or questions confronting them throughout their academic professional and personal lives.
Critical Analysis and Logical Thinking (Across the Curriculum)	Students will be able to organize, interpret, and evaluate evidence and ideas within and across disciplines; draw reasoned inferences and defensible conclusions; and solve problems and make decisions based on analytical processes.
Historical Knowledge and Understanding 3 credits	Students will study the interrelatedness of various realms of human experience from multiple historical perspectives.
Oral Communication 3 credits	Students will be prepared to develop oral messages of varying lengths and styles that communicate effectively and appropriately across a variety of settings.
Quantitative Reasoning 3 credits	Students will learn to recognize, understand, and use the quantitative elements they encounter in various aspects of their lives. Students will develop a habit of mind that uses quantitative skills to solve problems and make informed decisions.
Scientific Knowledge and Understanding 3-4 credits	Students will gain a broad base of scientific knowledge and methodologies in the natural sciences. This will enable them to develop scientific literacy the knowledge and understanding of scientific concepts and processes essential for personal decision making and understanding scientific issues.
Scientific Reasoning 3-4 credits	Students will become familiar with science as a method of inquiry. Students will develop a habit of mind that uses quantitative skills to solve problems and make informed decisions.
Knowledge and Understanding of Social Phenomena 3 credits	Students will develop an increased understanding of the influences that shape a person’s or group’s attitudes, beliefs, emotions, symbols, and actions and how these systems of influence are created, maintained, and altered by individual, familial, group, situational, or cultural means.
Written Communication (6 Credits and Across the Curriculum)	Students will be prepared to develop written texts of varying lengths and styles that communicate effectively and appropriately across a variety of settings.

GENERAL EDUCATION CORE COURSE REQUIREMENTS

Focusing on the above competencies, course work in the General Education Framework ensures that NVCC students gain the fundamental skills, knowledge, and values needed for success in their academic, professional, and personal lives. A list of courses that fulfill each competency may be found under the “Approved Courses” link on the General Education website: <http://www.nv.edu/GEACC> and in this catalog. Students will fulfill General Education Requirements by completing the requisite number of credits in courses associated with each competency. For competencies identified as “Across the Curriculum” students should adhere to program requirements in order to fulfill these areas.

SCIENTIFIC KNOWLEDGE OR REASONING REQUIREMENT

Students must successfully complete at least one Scientific Reasoning or Scientific Knowledge course that contains a lab component.

GENERAL EDUCATION PROGRAM OVERSIGHT AND ASSESSMENT

The General Education Requirements are reviewed and assessed by the General Education Assessment and Curriculum design Committee (GEACC). This committee is composed of one library representative, and 10 faculty as well as non-voting members from the Registrar, Center for Academic Planning and Student Success (CAPSS), Curriculum and Educational Affairs (CEAC) and the Dean and Associate Dean of Academic Affairs, and the Dean of Academic Affairs. The committee must have at least one member with expertise in each competency area, and each academic division must have at least one and no more than 3 members.

The duties of the committee include identifying and approving college courses used to fulfill competency requirements. The committee is also responsible for researching, scheduling, and assisting in the implementation of assessment methods to determine if students are achieving competency outcomes.

GENERAL EDUCATION FOR CONNECTICUT STATE UNIVERSITY TRANSFER STUDENTS

In order to ease transfer between state colleges and universities within the Connecticut State Colleges and University system NVCC’s General Education program reflects the system’s General Education Framework. Based on this Framework students graduating with an Associate degree who complete NVCC’s General Education Requirements will be granted General Education credit upon transfer to any Connecticut State University or Community College.

GENERAL EDUCATION CORE

NVCC General Education Requirements (including the TAP Framework 30)

With a few exceptions, all programs at NVCC will contain courses from all Core Competencies. See particular program requirements for program-specific requirements in how these competency areas will be met. Generally any given course can only be used to satisfy one competency area, even if it appears in multiple areas. If the program requirement is an “elective” from the competency, any course listed in that group may be used. Courses “taken sequentially” can be taken in any order as long as prerequisites are met.

Note: Letter H appears in all NVCC course numbers; it is the code letter for our college in the CT Community College system. Since it is redundant for our college, the H is not reproduced below. The * denotes the Common Course Numbering; courses with the * all have the same number as similar courses at other community colleges in Connecticut, though the other colleges will insert their appropriate code letter.

Aesthetic Dimensions/Written Communication 3 credits -Complete one course

ART*101 Art History I
 ART*102 Art History II
 ART*111 Drawing I
 ART* 121 Two-Dimensional Design
 ART* 122 Three-Dimensional Design
 COM*154 Film Study & Appreciation
 COM*157 American Film
 COM*158 International Cinema
 DAN*101 History & Appreciation of World Dance
 DAN*102 Ballet I: Renaissance to Romantic
 DAN*111 Jazz I: Afro-Caribbean/American
 DAN*113 Modern I: Pioneers of America
 DAT*102 Introduction to Photography
 ENG*102 Literature & Composition
 ENG*211 Short Story
 ENG*214 Dramatic Literature ENG*215 Children’s Literature
 ENG*221 American Literature I
 ENG*222 American Literature II
 ENG*231 British Literature I
 ENG*232 British Literature II
 ENG*241 World Literature I
 ENG*242 World Literature II
 ENG*251 African-American Literature
 ENG*269 Studies in Young Adult Literature
 ENG*274 Graphic Novel as Literature
 ENG*277 Science Fiction & Society
 ENG*278 Contemporary Literature
 ENG*281 Creative Writing
 GRA*150 Intro to Graphic Design
 LAS*201 Latin/Latino American Studies
 MUS*101 Music History & Appreciation I
 MUS*103 History of American Music
 MUS*104 World Music
 PHL*101 Intro to Philosophy
 THR*101 Intro to Theatre
 THR*110 Acting I

**only ECE Program students can meet this requirement through
 **ECE*103 Creative Experience for Children

**only HRT Program students can meet this requirement through
 **HRT*202 Landscape Design I

Continuing Learning and Information Literacy/Ethical Dimensions 3 credits -Complete one course

CSA*105 Intro to Software Applications
 CSC*101 Introduction to Computers
 DAT*101 Intro to Digital Arts
 ECN*101 Principles of Macroeconomics
 ECN*102 Principles of Microeconomics
 RES*211 Mentored Research Project I
 TCN*101 Intro to Engineering Technology

**only ECE Program students can meet this requirement through
 **ECE*109 Science & Math for Children

**only EET Program students can meet this requirement through
 **EET*104^ & EET*294^ & EET*110^^ taken sequentially

**only NUR Program students can meet this requirement through
 **NUR*101 Introduction to Nursing Practice

**only PTA Program students can meet this requirement through
 **PTA*125^ & PTA*120^^ taken sequentially

**only RSP Program students can meet this requirement through
 **RSP*281^ & RSP*282^ & RSP*141^^ taken sequentially

^ Meets Continuing Learning & Information Literacy Component
 ^^ Meets Ethical Dimensions Component

Critical Analysis and Logical Thinking

See specific degree program for requirements.

Met through ENG*101

LAS majors need one more course in this list.

COM* 100 Introduction to Communications
 CSC*101 Introduction to Computers
 ENG*101 Composition
 ENG*102 Literature & Composition
 ENG*200 Advanced Composition
 ENG*202 Technical Writing
 ENG* 211 Short Story
 ENG*214 Dramatic Literature
 ENG*215 Children’s Literature
 ENG*221 American Literature I
 ENG*222 American Literature II
 ENG*231 British Literature I
 ENG*232 British Literature II
 ENG*241 World Literature I
 ENG*242 World Literature II
 ENG*251 African-American Literature
 ENG*269 Studies in Young Adult Literature
 ENG*274 Graphic Novel as Literature
 ENG*277 Science Fiction & Society
 ENG*278 Contemporary Literature
 HRT*222 Greenhouse Management I
 PHL*111 Ethics
 PHL*112 Medical Ethics
 PSY*201 Lifespan Development
 PSY*245 Abnormal Psychology
 SOC*201 Contemporary Social Issues

Historical Knowledge and Understanding

3 credits - Complete one course

BBG*231 Business Law I
 ENG*221 American Literature I
 ENG*222 American Literature II
 ENG*231 British Literature I
 ENG*232 British Literature II
 ENG*241 World Literature I
 ENG*242 World Literature II
 HIS*101 Western Civilizations I
 HIS*102 Western Civilizations II
 HIS*201 U.S. History I
 HIS*202 U.S. History II
 LAS*201 Latin/Latino American Studies
 POL*103 Intro to International Relations
 POL*111 American Government
 SOC*211 Sociology of Gender

Quantitative Reasoning

3 credits - Complete one course

MAT*121 +Applications for Business & Other Careers
 MAT*122 +Statway II
 MAT*135 +++Topics in Contemporary Mathematics
 MAT*143 Math for Elementary Ed: Algebra, Number Systems
 MAT*144 Math for Elementary Ed: Geometry, Data
 MAT*146 Math for the Liberal Arts
 MAT*167 Principles of Statistics
 MAT*172 College Algebra
 MAT*185 Trigonometric Functions
 MAT*186 Precalculus
 MAT*232 Applied Calculus
 MAT*254 Calculus I
 MAT*256 Calculus II
 MAT*268 Calculus III Multivariable
 MAT*285 Differential Equations
 +Not accepted as part of the CSCU TAP Pathways Agreement
 +++Will not transfer as math credit at CSU's

Social Phenomena

3 credits - Complete one course

ANT*101 Introduction to Anthropology
 ANT*121 Introduction to Archaeology
 ANT*205 Cultural Anthropology
 COM*101 Mass Communications
 COM*172 Interpersonal Communication
 COM*202 Intercultural Communication
 ECN*101 Principles of Macroeconomics
 ECN*102 Principles of Microeconomics
 GEO*102 Introduction to Human Geography
 GEO*111 World Regional Geography
 LAS*201 Latin/Latino American Studies
 PSY*111 General Psychology I
 PSY*201 Lifespan Development
 PSY*203 Psychology of Child Development
 PSY*245 Abnormal Psychology
 PSY*260 Psychology of the Exceptional Child
 SOC*101 Principles of Sociology
 SOC*201 Sociology of Contemporary Issues
 SOC*210 Sociology of the Family
 SOC*211 Sociology of Gender

Oral Communications

3 credits -Complete one course

COM* 100 Introduction to Communications
 COM* 173 Public Speaking
 ESL*157 Oral Communication V

Scientific Knowledge and Understanding

3 or 4 credits - Complete one course

AST*101 Principles of Astronomy
 AST*111 Introduction to Astronomy
 BIO*105 Intro to Biology
 BIO*110 Principles of the Human Body
 BIO*111 Introduction to Nutrition
 BIO*115 Human Biology & Lab
 BIO*121 General Biology I-Cellular Biology
 BIO*122 General Biology II-Organismal Biology
 BIO*126 Biotechnology
 BIO*155 General Botany
 BIO*171 Field Biology
 BIO*175 Intro to Marine Science
 BIO*180 Principles of Environmental Science
 BIO*181 Environmental Science & Lab
 BIO*211 Anatomy and Physiology I
 BIO*235 Microbiology
 CHE*111 Concepts of Chemistry
 CHE*121 General Chemistry I
 CHE*122 General Chemistry II
 GLG*121 Intro to Physical Geology
 HRT*102 Woody Plants
 PHY*110 Introduction to Physics
 PHY*122 General Physics II
 PHY*221 Calculus-Based Physics I
 PHY*222 Calculus-Based Physics II

Scientific Reasoning

3 or 4 credits - Complete one course

BIO*105 Intro to Biology
 BIO*115 Human Biology & Lab
 BIO*121 General Biology I-Cellular Biology
 BIO*122 General Biology II-Organismal Biology
 BIO*155 General Botany
 BIO*171 Field Biology
 BIO*181 Environmental Science & Lab
 BIO*212 Anatomy and Physiology II
 BIO*235 Microbiology
 CHE*111 Concepts of Chemistry
 CHE*121 General Chemistry I
 CHE*122 General Chemistry II
 CSC*250 Systems Analysis and Design
 CSC*252 Information Systems Project Management
 DAN*175 Kinesiology for Dancers
 DAR*158 Biology of Addiction
 EET*252 Digital Electronics
 GLG*121 Intro to Physical Geology
 HRT*222 Greenhouse Management I
 HRT*224 Plant Propagation & Hybridization
 PHY*110 Introduction to Physics
 PHY*121 General Physics I
 PHY*122 General Physics II
 PHY*221 Calculus-Based Physics I
 PHY*222 Calculus-Based Physics II
 PSY* 258 Behavior Modification
 RES*212 Mentored Research Project II

Written Communication**6 credits -Complete two courses**

ENG*101 Composition
 ENG*102 Literature & Composition
 ENG*200 Advanced Composition
 ENG*202 Technical Writing
 ENG* 211 Short Story
 ENG*214 Dramatic Literature ENG*215 Children's Literature
 ENG*221 American Literature I
 ENG*222 American Literature II
 ENG*251 African-American Literature
 ENG*269 Studies in Young Adult Literature
 ENG*274 Graphic Novel as Literature
 ENG*277 Science Fiction & Society
 ENG*278 Contemporary Literature

TAP-specific Gen Ed Competency Areas: Creativity and Global Knowledge

(only required for certain TAP Transfer Ticket degrees: please see requirements for specific program)

Creativity**3 credits -Complete one course**

ART*111 Drawing I
 DAN*102 Ballet I: Renaissance to Romantic
 DAN*111 Jazz I: Afro-Caribbean/American
 DAN*113 Modern I: Pioneers of America
 DAN*221 Repertory/Ensemble I
 DAN*222 Choreographic Principles/Ensemble I
 DAT*104 Multimedia Authoring
 DAT*108 Digital Imaging I
 ENG*281 Creative Writing

Global Knowledge**3 credits -Complete one course**

ANT*101 Introduction to Anthropology
 ECN*102 Principles of Microeconomics
 ENG*242 World Literature II
 GEO*111 World Regional Geography
 POL*103 International Relations
 SOC*101 Principles of Sociology
 SOC*210 Sociology of the Family
 SOC*211 Sociology of Gender

