



Computer Engineering Technology

The Computer Engineering Technology (CET) Program prepares the student to use basic engineering principles and theories of science, engineering and mathematics to solve technical problems in research and development, install, service, and maintain computers, peripherals, networks, and microprocessor and computer controlled equipment.

Using modern electronic laboratories, students become familiar with circuit analysis, analog and digital circuit design and analysis, high-level programming, microprocessor/microcontroller programming and interfacing, computer architecture, operating systems and networking basics.

Estimated cost of program Tuition and *fees only:

- | | |
|----------------|----------|
| • In-State | \$17,688 |
| • NE Regional | \$24,816 |
| • Out-of-State | \$35,838 |

Register

Register for all of the courses recommended each semester. Take at least 14-16 credits each semester to graduate in two years. A higher percentage of students graduate when they complete 30+ credits within their first year. (Research by Complete College of America)

Associate in Science

Scan the QR Codes with your phone's camera to view the on-line content you wish to see! Or visit nashuacc.edu for more information about this course.



Course Schedule

Program Outcomes



Career Possibilities

Potential Salary



Apply to NCC



Choose Community

Choose Nashua Community College and experience what community really means: support, connection, security, opportunity.

Visit nashuacc.edu or speak with an Enrollment Specialist by calling 603.578.8908 to begin!

First Year - Fall Semester

Item #	Title	Class Hours	Lab Hours	Credits
ELET115N	Introduction to Programming Using C++	2	3	3
ELET121N	Digital Circuits I	2	3	3
ELET131N	Circuit Analysis I	3	3	4
ENGL101N	College Composition	4	0	4
MATH110N	Algebra & Trigonometry	4	0	4

First Year - Spring Semester

Item #	Title	Class Hours	Lab Hours	Credits
CSCI170N	Linux Essentials	2	2	3
ELET132N	Circuit Analysis II	3	3	4
MATH120N	PreCalculus	4	0	4
PHYS130N	Physics I	3	3	4
	PSYC130N or Social Science General Education Core Requirement			3

Second Year - Fall Semester

Item #	Title	Class Hours	Lab Hours	Credits
CSCI230N	Object Oriented Programming Using: C++	2	2	3
CSCN116N	Networking Basics	2	2	3
ELET250N	Microcontrollers	3	3	4
MATH210N	Calculus I	4	0	4
PHYS131N	Physics II	3	3	4

Second Year - Spring Semester

Item #	Title	Class Hours	Lab Hours	Credits
ELET221N	Advanced Digital Circuits	3	3	4
	CSCI285N or ELET274N			2-3
ENGL122N	Technical Writing	3	0	3
HUMA230N	Ethics in the Workplace	3	0	3
Total Credits				66-67

NON-DISCRIMINATION POLICY

The Community College System of NH does not discriminate in the administration of its admissions and educational programs, activities, or employment practices on the basis of race, creed, color, religion, ancestry or national origin, age, sex, sexual orientation, gender identity and expression, physical or mental disability, genetic information, or law enforcement, military, veteran, or marital status. This statement is a reflection of the mission of the Community College System of NH and refers to, but is not limited to, the provisions of the following laws:

- Title VI and VII of the Civil Rights Act of 1964, as amended
- The Age Discrimination in Employment Act of 1967 (ADEA)
- Title IX of the Education Amendment of 1972
- Section 504 of the Rehabilitation Act of 1973
- The Americans with Disabilities Act of 1990 (ADA)
- Section 402 of the Vietnam Era Veteran's Readjustment Assistance Act of 1974
- NH Law Against Discrimination (RSA 354-A)
- NH Law RSA 188-F:3-a.
- Genetic Information Nondiscrimination Act of 2008

Inquiries regarding discrimination may be directed to Sara A. Sawyer, Director of Human Resources for the Community College System of NH, 26 College Drive, Concord, NH 03301, 603-230-3503. Inquiries may also be directed to the NH Commission for Human Rights, 2 Industrial Park Drive, Concord, NH 03301, 603-271-2767, FAX: 603-271-6339; and/or the Equal Employment Opportunity Commission, JFK Federal Building, 475 Government Center, Boston, MA, 02203, 617-565-3200 or 1-800-669-4000, FAX: 617-565-3196, TTY: 617-565-3204 or 1-800-669-6820.