NASHUA COMMUNITY COLLEGE

Computer Engineering Technology

Associate in Science

Choose Community

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

Course Schedule

Program Outcomes

Career Possibilities

Potential Salary

Apply to NCC

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.
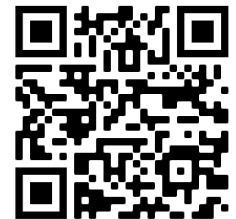
The educational objectives of the Computer Engineering Technology Associate Degree Program are to provide graduates with the knowledge, techniques, skills, and use of modern tools in computer engineering technology. Graduates have strengths in the building, testing, operation, and maintenance of computer systems and their associated software systems.

Estimated cost of program Tuition only:

- **In-State**   **$17,688**
- **NE Regional**   **$24,816**
- **Out-of-State**   **$35,838**

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 Elective			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**