

CIVIL ENGINEERING TECHNOLOGY



PROGRAM LENGTH

2 years

CREDENTIALS/CREDITS

Associate Degree, 60 credits

DELIVERY

In-Person, Online

TUITION AND FEES

[NHTI.edu/tuition](https://www.nhti.edu/tuition)

MORE INFO

NHTI – Concord's Community College
31 College Drive, Concord, N.H. 03301

[NHTI.edu/program/civil-engineering-technology](https://www.nhti.edu/program/civil-engineering-technology)

603-230-4000 | 800-247-0179

NHTIinfo@ccsnh.edu

ADMISSIONS

[NHTI.edu/admissions](https://www.nhti.edu/admissions)

603-230-4011 | Hours: 8 a.m.-4 p.m.

NHTIadmissions@ccsnh.edu

The Civil Engineering Technology (CVET) program combines civil engineering and technology theory with a solid foundation in math and science to prepare you for exciting and rewarding jobs. You'll learn the fundamentals of CVET, teamwork, and presentations through hands-on activities in our NHTI labs. The CVET "Guest Speakers" program allows us to maintain an active partnership with industry professionals who visit classrooms and labs to review student work, offer feedback, and assess final presentations.

Degree and Certificate Options

With a sharp focus on continuous improvement, we stay current and constantly fold emerging technological and professional trends in our curricula to ensure you are effectively prepared for career success. Combining your CVET degree with a Building Inspector and Plans Examiner certificate enhances your understanding of how buildings are designed, engineered, built, and inspected. The CAD certificates stackable format allows you to develop marketable skills and accumulate six credits towards the CVET degree.

Career Opportunities

Employment of civil engineers is projected to grow 9% through 2026¹. The need to preserve, repair, upgrade, and enhance aging infrastructure will sustain demand. By networking with visiting professional, departmental leads, and CVET program graduates, you can find entry-level positions such as a CAD designer, estimator; surveying technician, civil engineering technician, lab technician, and construction supervisor with NHDOT.

Salary Potential

Jobs in civil engineering range from entry-level salaries of \$22.63 through \$32.85 for those with experience.

¹Occupational Outlook Handbook, U.S. Department of Labor - Bureau of Labor Statistics.

²New Hampshire Occupational Employment & Wages, June 2022.

Civil Engineering Technology Associate of Science Curriculum

	Course	Title	CL	LAB	CR
FIRST YEAR – ON CAMPUS	Fall Semester				
	ARET 103C	Architectural Graphics and Sketching ¹	2	2	3
	ARET 120C	Materials and Methods of Construction ¹	4	0	4
	CHEM 105C	Chemistry	3	2	4
	MATH 124C	College Algebra	4	0	4
	PHYS 133C	Physics I (Algebra-based)	3	2	4
					19
	Spring Semester				
	ARET 104C	Architectural Design Studio I ¹	2	2	3
	ARET 150C	Statics and Strength of Materials ¹	3	2	4
	ARET 192C	Revit Architecture ¹	3	0	3
ENGL 101C	English Composition	4	0	4	
MATH 140C	Pre-Calculus	4	0	4	
				18	
SECOND YEAR – ON CAMPUS	Fall Semester				
	CVET 201C	Civil CAD ¹	2	2	3
	CVET 220C	Surveying ¹	2	3	3
	CVET 240C	Timber and Steel Design ¹	3	2	4
	ENGL 125C	Communication and the Literature of Science and Technology	3	0	3
	MATH 205C	Calculus I	4	0	4
	XX xxxC	Humanities/Fine Arts/Language elective	3	0	3
					20
	Spring Semester				
	CVET 202C	Soil Mechanics and Foundation Design ¹	2	2	3
	CVET 235C	Reinforced Concrete Design ¹	2	3	3
CVET 245C	Hydrology/Drainage Design ¹	3	0	3	
CVET 297C	Highway Design ¹	3	2	4	
XX xxxC	Social Science elective ²	3	0	3	
				16	
Total Credits					
				73	

¹Indicates major field courses

²Any course with a prefix of ANTH, ECON, HIST, POLS, PSYC, or SOCI (except HIST 104C and HIST 105C)

NHTI – Concord's Community College

NHTI is a dynamic public institution of higher learning that provides accessible, rigorous education for students, businesses, and the community. We create pathways for lifelong learning, career advancement, and civic engagement, offering 80+ academic programs to 4,600+ students annually. NHTI is a member of the Community College System of New Hampshire and since 1969 has been accredited by the New England Commission of Higher Education, a nongovernmental, nationally recognized accrediting agency.