



**NASHUA**  
COMMUNITY COLLEGE

## Mechanical Engineering Technology



### 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](http://nashuacc.edu) for more information about this course.



**Course Schedule**

**Program Outcomes**



**Career Possibilities**

**Potential Salary**



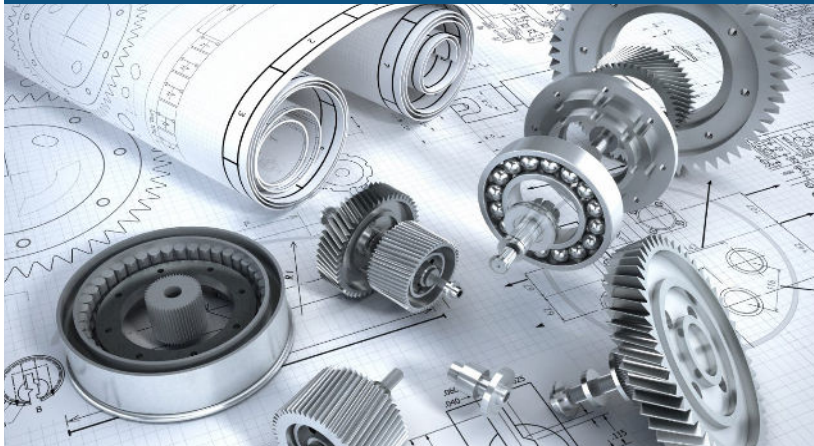
**Apply to NCC**



### Choose Community

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

Visit [nashuacc.edu](http://nashuacc.edu) or speak with an Enrollment Specialist by calling 603.578.8908 to begin!



### Mechanical Engineering Technology

Nashua Community College's Mechanical Engineering Technology degree is based on the real world experience of our instructors and the time tested fundamentals of Mechanical Engineering.

This program includes multiple design courses using the parametric design software Solidworks. Additional disciplines include hydraulics and pneumatics, programmable logic controllers, circuit analysis, chemistry and machining technology to provide students with a range of engineering disciplines.

A fundamental component of engineering is mathematics and physics which helps students understand and solve a wide range of engineering problems and challenges.

This program provides students the opportunity to directly transfer into the Mechanical Engineering Technology degree at UNH Manchester.

### Estimated cost of program Tuition and \*fees only:

- |                |          |
|----------------|----------|
| • In-State     | \$19,752 |
| • NE Regional  | \$24,452 |
| • Out-of-State | \$36,810 |

### 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)

## First Year - Fall Semester

Item #	Title	Class Hours	Lab Hours	Credits
CAD111N	CADD I	3	4	5
MTTN101N	Manufacturing Processes	3	0	3
ENGL101N	College Composition	4	0	4
MATH120N	PreCalculus	4	0	4

## First Year - Spring Semester

Item #	Title	Class Hours	Lab Hours	Credits
CAD112N	CADD II	3	4	5
MTTN118N	Machining Technology	2	3	3
MDTN110N	Automation Programming	1	4	3
PHYS130N	Physics I	3	3	4

## Second Year - Fall Semester

Item #	Title	Class Hours	Lab Hours	Credits
CAD215N	CADDIII	3	6	5
ELET131N	Circuit Analysis I	3	3	4
ELMT203N	Applied Mechanics I	3	1	3
	English/Communications Core and Elective Requirements			3
MATH210N	Calculus I	4	0	4

## Second Year - Spring Semester

Item #	Title	Class Hours	Lab Hours	Credits
CHEM130N	General Chemistry I	3	3	4
ELMT204N	Fluid Power Design	2	1	2
ELMT210N	Applied Mechanics II	2	1	2
MTTN201N	Lean and Green Manufacturing Methods	3	0	3
	Behavioral Social Science Core Requirement			3
	Humanities/Fine Arts/Philosophy or Global Awareness			3
MDTN285N	Mechanical Design Capstone	3	2	4
<b>Total Credits</b>				<b>71</b>

### 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.