ENGINEERING TECHNOLOGY

Shaping the next generation of mechanical and electrical pioneers

Turn your curiosity for discovery, innovation and design into a career in electrical or mechanical engineering. Led by faculty who are industry experts, our ABET-accredited Engineering Technology program* applies the theoretical concepts you learn in the classroom to hands-on work in our state-of-the-art laboratories and in the field.

* This program offers junior- and senior-level coursework only, so you must have an appropriate associate degree to be admitted.

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“Graduates from the Engineering Technology program at UNH Manchester have the practical skills needed by today’s technology companies.”

– Dave Luneau
Founder, President and CEO
ClassCo Inc.

Bachelor of Science
Electrical Engineering Technology
With topics from technology communications to scientific programming to digital design, the Electrical Engineering program gives you the practical experience to meet both industry demand and your career goals. Small class sizes mean big opportunities to collaborate with faculty, giving you one-on-one attention to excel in electronic design and development.

Degree Option: Computer Engineering Technology: Further focus your electrical engineering degree with the Computer Engineering Technology option, giving you deeper insight into the world of computing. Explore software programming, circuit design, network security and more — all in a hands-on, experience-driven environment.

Bachelor of Science
Mechanical Engineering Technology
From power tools to combustion engines, our Mechanical Engineering program will ignite your fascination with how things work. You’ll work alongside faculty experts, and with state-of-the-art machining tools, to learn fluid technology, production systems, automation engineering and more.

Take your learning beyond the classroom with a capstone project at one of our many industry partners, including BAE Systems, Velcro, Eversource, IBM and more.
Your Degree, Your Future
Our programs offer the flexibility for learning that fits your life, and the personalization to tailor your degree to the future you want. With 9 percent growth projected in the engineering fields¹, the practical experience and individual attention you’ll get at UNH Manchester will help you land your dream job.

Career Possibilities

- Aircraft Technician
- Consulting Industrial Engineer
- Electrical Engineer
- Mechanical Engineer
- Operations Manager
- Production Engineer
- Quality Systems Manager
- Senior Integrated Circuit Layout Engineer
- Software Developer
- Standards Engineer

### Electrical Engineering Technology, B.S.

**Third Year**

**Fall Semester**
- ET 630 – Analytical Methods in Engineering Technology
- ET 677 – Analog Systems
- ET 680 – Communications and Fields
- Elective

**Spring Semester**
- ET 625 – Technical Communications
- ET 671 – Digital Systems
- ET 674 – Control Systems and Components
- Discovery Course

**Fourth Year**

**Fall Semester**
- ET 697 – Special Topics in Electrical Engineering Technology
- ET 781 – Automation Engineering
- ET 791 – Electrical Engineering Technology Project
- Elective

**Spring Semester**
- ET 625 – Technical Communications
- ET 671 – Digital Systems
- ET 674 – Control Systems and Components
- Discovery Course

### Electrical Engineering Technology, B.S. Computer Engineering Technology

**Third Year**

**Fall Semester**
- ET 630 – Analytical Methods in Engineering Technology
- COMP 625 – Data Structure & Algorithms
- ET 671 – Digital Systems
- ET/CET Elective

**Spring Semester**
- ET 625 – Technical Communications
- COMP 725 – Programming Languages
- ET 671 – Digital Systems
- ET/CET Elective

**Fourth Year**

**Fall Semester**
- COMP 730 – Object Oriented Software Development
- ET 697 – Special Topics in Electrical Engineering Technology
- ET 791 – Electrical Engineering/CET Technology Project

**Spring Semester**
- COMP 715 – Information Security
- ET 734 – Economics of Business Activities
- ET 791 – Electrical Engineering/CET Technology Project

### Mechanical Engineering Technology, B.S.

**Third Year**

**Fall Semester**
- ET 630 – Analytical Methods in Technology
- ET 635 – Fluid Technology and Heat Transfer
- ET 641 – Production Systems

**Spring Semester**
- ET 625 – Technical Communications
- ET 674 – Control Systems and Components
- ET 675 – Electrical Technology

**Fourth Year**

**Fall Semester**
- ET 751 – Mechanical Engineering Technology Project
- ET 781 – Automation Engineering
- Elective

**Spring Semester**
- ET 696 – Special Topics in Mechanical Engineering Technology
- ET 734 – Economics of Business Activities
- ET 751 – Mechanical Engineering Technology Project
- Elective

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1. Mechanical Engineering Technology students must also complete CHEM 403 – General Chemistry, or equivalent.

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