

ELECTRICAL ENGINEERING TECHNOLOGY MAJOR (B.S.)

Description

<http://manchester.unh.edu/academics/degree-programs/electrical-engineering-technology>

Engineering technology requires the application of engineering and scientific knowledge and methods combined with technical skills in support of engineering activities. Graduates may work in a variety of areas including engineering design, manufacturing, field service, testing, and sales and may work in management positions related to engineering, manufacturing, and computer technology.

The UNH Manchester engineering technology program is accredited by:

The Engineering Technology Accreditation Commission of ABET
415 North Charles Street
Baltimore, MD 21201
(410) 347-7700

The engineering technology program at UNH Manchester offers only junior- and senior-level coursework. Students admitted to this program must have an appropriate associate degree from the New Hampshire Technical Institute or an equivalent institution accredited by the Engineering Technology Accreditation Commission of the Accreditation Board of Engineering and Technology (ETAC of ABET) or show academic evidence of ability to successfully complete the requirements of this calculus-based program. After two major courses, non-matriculated students must either be admitted to the program or declare that they are not planning to pursue a degree in engineering technology.

The programs at UNH Manchester are designed to meet the needs of both full- and part-time students with a mix of classes scheduled during the day and in the evening.

Requirements

All entering Engineering Technology students should have completed mathematics through differential and integral calculus, calculus I. All students must complete MATH 426 Calculus II within the first semester before taking advanced level Engineering Technology coursework. Students must complete a minimum of 128 credits and satisfy the University's Discovery Program.

Electrical Engineering Technology (EET) Program Requirements

COMP 425	Introduction to Programming	4
or COMP 415	Mobile Computing First and For Most	
ET 625	Technical Communications	4
ET 671	Digital Systems	4
ET 674	Control Systems and Components	4
ET 677	Analog Systems	4
ET 680	Communications and Fields	4
ET 697	Topics in Electrical Engineering Technology	4
ET 733	Business Organization and Law	4

or COMP 560	Ethics and the Law in the Digital Age	
ET 734	Economics of Business Activities	4
ET 781	Introduction to Automation Engineering	4
ET 788	Introduction to Digital Signal Processing	4
ET 791	Electrical Engineering Technology Project (Senior Capstone Project, two semesters; satisfies the Discovery Senior Capstone Experience requirement)	8

Discovery Program Requirements, Writing Intensive (WI) Requirement, and electives

Total Credits 52

For information about the electrical engineering technology program (EET), contact the B.S. engineering technology program coordinator, Christopher LeBlanc, at Christopher.LeBlanc@unh.edu. For admissions information, contact the Office of Admissions (unhm.admissions@unh.edu) at (603) 641-4150.