



COLLEGE OF ENGINEERING

# Electrical Engineering Technology

## UMaine's ADVANTAGE

- Only power program in Maine and one of a handful in the nation.
- Lab environments that mimic real-world experiences
- Cooperative job experiences for undergrads
- Opportunity to take the first two years of courses at a community college and then transfer into the EET program

School of Engineering Technology  
Electrical Engineering Technology  
5711 Boardman Hall  
University of Maine  
Orono, ME 04469-5711  
207.581.2340

[umaine.edu/set](http://umaine.edu/set)

To apply: [go.umaine.edu](http://go.umaine.edu)



## WHY STUDY ELECTRICAL ENGINEERING TECHNOLOGY AT UMAINE??

As society moves to more automatic control, more is required of the devices that control and interface with those that use them everyday. Electrical engineering technology (EET) students get to design the systems that control end equipment — from the generators that energize our grid, to the motors that deliver power. Power engineers are in high demand, and will continue to be in demand over the next decade.

UMaine's EET program is a traditional electrical and electronic engineering technology program with extra concentration in subject areas that are important to industry in the Northeast. Subject areas include: electrical circuits, semiconductor electronics, microcomputer applications, industrial automation, and electrical machinery and power systems. A feature unique to UMaine EET is its focus on power and alternative energy. We are the only power program in Maine and one of a handful in the nation.

EET faculty have built a strong network of contacts consisting of firms that typically hire our students. We work with students personally to help place them in positions that fit their interests. Over the last several years, we have had an almost 100 percent placement rate within three months of graduation. Many companies in Maine and throughout the Northeast actively pursue interns from EET. Over 90 percent of our graduates have a co-op or intern experience before graduation.

## WHAT CAN I DO WITH A DEGREE IN ELECTRICAL ENGINEERING TECHNOLOGY?

The electrical engineering technology program provides students with the theory and hands-on experience necessary for them

to quickly become productive in their jobs after graduation. Students find careers as project engineers, electrical and instrumentation engineers, field service engineers, automation specialists, power systems engineers, equipment engineers and electronic applications engineers.

Some electrical engineering technology graduates find lucrative and satisfying careers in power and alternative energy, while others go into manufacturing, field engineering and project management. EET graduates also end in up in high-tech fields like the semiconductor industry or as consulting engineers working in all types of fields. Graduates can apply for engineering licensure in many states which allows for management opportunities.

## OUR FACULTY

All EET professors actively work in the industry and some consult on a regular basis. Students gain exposure to current design methods because the faculty practice what they preach. It's this practical approach to learning that makes theoretical concepts come to life, and gives our students an edge when they graduate — they are all ready to hit the ground running — as many employers of UMaine EET graduates have commented.

## SCHOLARSHIPS

Electrical engineering technology students have the largest number of scholarships of all the School of Engineering Technology programs. Scholarships are provided by companies that employ EET students, such as TRC Solutions, POWER Engineers, Emera, and Iberdrola. There are also EET academic and need-based scholarships awarded directly through the department ranging from \$500 to \$1,000 each.

## ABOUT UMAINE

The University of Maine, founded in Orono in 1865, is the state's premier public university. It is among the most comprehensive higher education institutions in the Northeast and attracts students from across the U.S. and more than 73 countries. It currently enrolls 11,286 total undergraduate and graduate students who can directly participate in groundbreaking research working with world-class scholars. The University of Maine offers doctoral degrees in 35 fields, representing the humanities, sciences, engineering and education; master's degrees in roughly 70 disciplines; 90 undergraduate majors and academic programs; and one of the oldest and most prestigious honors programs in the U.S. The university promotes environmental stewardship on its campus, with substantial efforts aimed at conserving energy, recycling and adhering to green building standards in new construction. For more information about UMaine, visit [umaine.edu](http://umaine.edu).

## explore

*Bachelor of Science in  
Electrical Engineering Technology*

*Concentration in  
Information Technology  
Power Systems*

*Minors in  
Mechanical Engineering Technology  
Renewable Energy Engineering  
Engineering Entrepreneurial  
Mathematics*

*Five-Year Master in  
Business Administration*



Students in the EET program have the opportunity to work with the latest technology to prepare them to immediately contribute to the workforce upon graduation. In this picture students are controlling electric machines in the Emera Power Systems Laboratory.

## SALARIES

Salaries of EET graduates are some of the highest in the college. Starting salaries last year ranged from \$54,000 to \$65,000.

## NEBHE PROGRAM

Applicants to this program who reside in Connecticut, New Hampshire, or Rhode Island are eligible for reduced tuition (in-state plus 50 percent) under the New England Regional Student Program, administered through the New England Board of Higher Education ([nebhe.org](http://nebhe.org)).

## THE SCHOOL OF ENGINEERING TECHNOLOGY

Engineering technology provides the knowledge required to apply state-of-the-art

techniques and designs to meet the needs of society. UMaine's School of Engineering Technology focuses on the construction management, surveying, electrical and mechanical disciplines. Engineering technology is project-oriented and practical with a curriculum that focuses on fundamental, technical and management aspects. Students learn through applied technical courses and hands-on laboratories, and benefit from UMaine's close working relationship with industry.

## HOW DO I APPLY?

Visit [go.umaine.edu](http://go.umaine.edu) for an application, as well as information about academics and life at UMaine.



**The faculty support and education I received through the EET department has given me the opportunity to travel across the country where I can be confident in my knowledge and myself."**

— Sheila Murch, BSEET, Class of 2014



The Electrical Engineering Technology Program is accredited by the Engineering Technology Accreditation Commission of ABET, <https://www.abet.org>.

