GRADUATE SCHOOL

COLLEGE OF ENGINEERING

EARN YOUR GRADUATE DEGREE IN ELECTRICAL ENGINEERING

ELECTRICAL ENGINEERING (MS, PHD)

EE GRADUATE PROGRAM
The door to graduate opportunity is wide open at Michigan Tech, and the Department of Electrical and Computer Engineering is waiting for you to step forward. When you do, what you’ll find here is a close-knit academic community with accomplished faculty dedicated to mentoring students. The department’s research is funded by multiple agencies and corporations. Your success is our priority.

The electrical engineering program is suited to today’s technological society. Students have flexibility as they choose how to make their mark on the world. Both the MS and the PhD in Electrical Engineering are offered with concentrations in energy systems, information systems, and solid-state electronics.

Choose an electrical engineering graduate degree plan tailored to your individual goals and abilities. Whether your interests lie in research, projects, or course work, we’ll point you in the right direction.

For more information, visit www.mtu.edu/ece.

50,000 SQUARE FEET OF LAB SPACE
Michigan Tech has one of the finest physical facilities for electrical engineering in the US. High-speed computing and state-of-the-art laboratories provide an outstanding environment for education, research, and engineering practice. The department occupies 50,000 square feet in the Electrical Energy Resources Center. This space includes an optics lab, an energy-conversion lab, a robotics lab, and a transformer testing lab.

RESEARCH AREAS
The Department of Electrical and Computer Engineering supports research thrusts in computer engineering, energy systems, signals systems, and solid-state electronics. Our faculty research areas include nanotechnology, circuit design, renewable electricity energy sources, and wireless communications—to name a few. Be part of a working laboratory where students and faculty collaborate in pursuit of answers to some of our world’s most relevant questions.

Department research is funded by multiple agencies and corporations, including the National Science Foundation, the US Army and Air Force, Intelligent Automation, SINTEF Energy Research, Xcel Energy, Eaton, the Michigan Department of Transportation, American Electric Power, Consumers Energy, and more.

ELECTRICAL ENGINEERING SPOTLIGHT
“The time I spent at Michigan Tech was instrumental in setting the direction for my professional life. Currently I am working on some of the exciting technological problems at Intel as senior process technology development engineer. I owe my success to the professors and research facilities at Tech.”

Santosh Karre
PhD, 2008

www.mtu.edu/ece

www.mtu.edu/gradschool
ADMISSION REQUIREMENTS

Application deadline: Apply by February 15 for the fall semester and August 15 for the spring semester. Applications are reviewed on an individual basis using a holistic approach. For PhD candidates, priority will be given to students with interest in existing departmental research areas.

All Students
- Graduate School application
- Statement of purpose
- Official transcripts
- GRE
- Two letters of recommendation (at least one academic reference required)

International Students
- TOEFL: Recommended score of 100 iBT for PhDs

FINANCE YOUR FUTURE

Earning your graduate degree is an investment in your career and your future. Here are a few financial aid opportunities you can explore as you look for ways to pay for your degree.

- Graduate teaching assistantships (GTAs), graduate research assistantships (GRAs), and fellowships are available to qualified applicants. All students admitted to the Graduate School are considered for these awards.
- Many graduate students are eligible for a new set of federal loans, up to $20,500 per academic year, as an independent student.
- Contact Michigan Tech’s Financial Aid Office at 906-487-2622 or finaid@mtu.edu for more information on financial aid opportunities.

ABOUT MICHIGAN TECH

Michigan Technological University, founded in 1885, has gained worldwide recognition for innovative education and scholarship. Michigan Tech is a leading public research university, exploring the boundaries of knowledge, developing new technologies, and preparing students to create the future for a prosperous and sustainable world. Michigan Tech offers more than fifty graduate degree programs in engineering, forestry and environmental sciences, computing, business and economics, natural and physical sciences, technology, humanities, and social sciences.

ABOUT HOUGHTON

Houghton lies in the heart of Upper Michigan’s scenic Keweenaw Peninsula. The campus overlooks the Keweenaw Waterway and is just a few miles from Lake Superior. The area’s waters and forests, including our 600-acre recreational forest adjoining campus, offer students unparalleled opportunity for outdoor recreation and relaxation. The University’s 7,000 students come from all fifty states and approximately eighty nations, making the area a vibrant, multicultural community.

APPLYING IS EASY—AND FREE!

www.mtu.edu/gradschool/admissions/apply

Electrical Engineering

Michigan Technological University
Department of Electrical and Computer Engineering
Electrical Energy Resources Center, Room 118
1400 Townsend Drive • Houghton, MI 49931-1295
Phone 906-487-2550 • Fax 906-487-2949 • Email eceinfo@mtu.edu
www.mtue.edu/ece

Graduate School
Email gradadms@mtu.edu or call 906-487-2327
www.mtu.edu/gradschool

Michigan Technological University is an equal opportunity educational institution/equal opportunity employer.