RESUMEBOOSTER
Our 16-credit EDGE Engineering Entrepreneur Certificate Program is a great addition to an engineering technology degree. The EDGE program trains engineering students in the entrepreneurial skills required to commercialize new ideas, technologies and products. Students learn to solve problems and bring inventions to market through courses in entrepreneurial marketing, finance, law and management, as well as engineering. Additionally, engineering students have direct access to a wide range of business incubators, partner services, mentors and advocates both on and off campus.

- engineering.wayne.edu/edge

GETTING STARTED
Take a tour
- admissions.wayne.edu/visitus
- engineering.wayne.edu/visit
- virtualtour.wayne.edu

Talk to an academic advisor
- 313-577-2660
- engineering.wayne.edu/advising
- engadmissions@wayne.edu

Learn more online
- engineering.wayne.edu/et
WHAT IS ENGINEERING TECHNOLOGY?

If you enjoy tinkering with gadgets and bringing ideas to life, engineering technology may be for you. Engineering Technologists (ET) literally create the objects we depend on, from smartphones to suspension bridges and everything in between. While traditional engineers work mainly in the conceptual stage of product development, ET graduates are hands-on, building and implementing new technologies in testing labs and in the field. They can apply their abilities in using technical equipment, selling technical products, serving as manufacturers’ technical representatives, supervising construction projects and manufacturing processes, and more. A degree in engineering technology will give you marketable skills in this practical, applied science.

DEGREE PROGRAMS

- Bachelor of science in computer technology
- Bachelor of science in construction management
- Bachelor of science in electrical/electronic engineering technology
- Bachelor of science in electric transportation technology
- Bachelor of science in electromechanical engineering technology
- Bachelor of science in mechanical engineering technology
- Master of science in engineering technology

WHY THE WAYNE STATE COLLEGE OF ENGINEERING?

- Internships: Start working in the field before you even graduate with a large number of internship opportunities.
- Practical experience: Break classroom boundaries by building a concrete canoe, steel bridge, hybrid vehicle and more.
- Scholarships: The college awards up to 100 engineering scholarships annually. The university offers many more.
- Study abroad: Graduate with the global perspective employers love.
- Undergraduate research: Join expert faculty in research from your very first year.

RESEARCH

Wayne State is known for supporting undergraduate research as early as the freshman year, and the College of Engineering is no exception. In fact, the college recently kicked off its Undergraduate Research Award Matching Fund Program, providing students with support and faculty mentorship on a wide range of research projects.

The Division of Engineering Technology is a partner in the Center for Advanced Automotive Technology, a regional research consortium designed to support the rapidly evolving advanced powertrain sector, including alternative fuel, clean diesel, electric vehicles and fuel cell technology. The center is complemented by the Hybrid Electric Vehicle Technology Program, which trains students to service hybrid engines. And, in the Manufacturing Integrated Learning Laboratory, students participate in hands-on team projects from components to a fully functional mechanism.

ON THE JOB

Wayne State engineering students enjoy unparalleled career opportunities in Detroit and around the world. We support our students and alumni through our Career Services Office, online job listings, industry employer job banks and more. And, with so many employers based in the city and surrounding areas, our students have direct access to countless internship opportunities.

- engineering.wayne.edu/careers

Our alumni are well-positioned to succeed across a variety of industries thanks to Wayne State’s nationally recognized faculty, well-equipped laboratories and innovative interdisciplinary research, as well as the university’s close ties and collaborations with local industry, U.S. automakers and Detroit’s extensive health care systems.

- engineering.wayne.edu/alumni

MIKE MARINO is a Wayne State manufacturing and industrial engineering technology alumnus. Until his retirement in 2005, he was the CEO of Aviation Partners Boeing, a multimillion dollar venture that designed and produced aerodynamic winglets for the world’s airlines.

EVIDENCE OF FACULTY EXPERTISE

Evidence of our faculty’s engineering technology expertise is visible all over campus. Associate Professor Caisheng Wang’s wind turbine tops the roof of the Engineering Technology Building, harnessing the wind to create a renewable energy system strong enough to power a computer lab. Additionally, Ana Djuric’s robotic research, Gene Liao’s work in advanced energy storage systems and hybrid electric vehicle, and Ece Yaprak’s embedded systems networking and wireless sensor networks research – just a few examples – greatly benefit our students.

- engineering.wayne.edu/etfaculty