The Division of Engineering Technology is comprised of multiple undergraduate and graduate degree programs with a wide range of major areas. Six programs are housed within the Division: Construction Engineering Technology, Electrical Engineering Technology, Fire and Emergency Management Administration, Fire Protection and Safety Engineering Technology, Mechanical Engineering Technology and Mechatronics and Robotics. We offer four ABET-accredited baccalaureate degrees, four undergraduate minors, three master’s degrees and one doctor of philosophy degree.

Curricula

Our undergraduate curricula focus on hands-on learning and real-world applications. Most Engineering Technology faculty members have extensive industrial experience, and our graduates are ready to be productive with little or no additional training. Typical job titles of our graduates include design engineer, application engineer, manufacturing engineer, field engineer, fire protection engineer, safety engineer, industrial hygienist, plant manager, project manager, estimator, and superintendent.

The Construction Engineering Technology (CET) program produces graduates with either a building or a heavy/highway focus. Students experience two internships providing them the opportunity to connect the classroom knowledge with field experiences. CET graduates are highly sought after by the construction industry, and the job placement rate is 100%.

The Fire Protection and Safety Engineering Technology (FPSET) program has a long and rich history serving as the first baccalaureate ABET accredited FPSET program and still one of only a few in the nation. FPSET graduates are highly sought after by companies in a variety of industries looking to reduce fire and safety losses. Students have an assortment of career choices and flexibility due to the diversity of education the program provides.

The Electrical Engineering Technology (EET) curriculum is based on rigorous math and science courses, and its major courses are taught to be applicable to solve 21st-century challenges in electronics and computer technology. The EET program is laboratory-oriented in applied electrical engineering using up-to-date information and practices to solve specific technical problems.

The Mechanical Engineering Technology (MET) curriculum is similar to the Mechanical Engineering (MAE) curriculum for the first two years, but the upper-level major courses are taught with a greater emphasis on application to engineering practice. Multiple upper-division MET courses are popular among engineering undergraduate and graduate students who find them directly applicable for job search and thesis/dissertation research.

The Mechatronics and Robotics (MERO) curriculum is the newest addition to the Division. It aims to produce engineers who understand, design, manufacture, and program electro-mechanical systems and robots. Students take a combination of mechanical and electrical classes along with specialized classes that incorporate both topics.

Minor degree choices are available in four areas. The Construction Minor, the Emergency Management Minor, and the Safety and Exposure Sciences Minor are open to students from all majors in the university.
Transfer Students

We provide students from 2-year degree institutions excellent opportunities to obtain a bachelor’s degree in about four semesters at OSU. Transfer maps are available for students at community colleges and also engineering schools.