



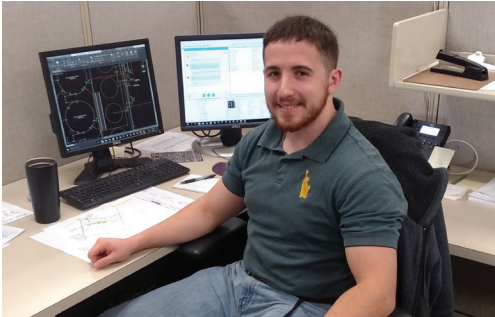
# ENGINEERING TECHNOLOGY

## COLLEGE OF TECHNOLOGY, ARCHITECTURE AND APPLIED ENGINEERING

The Bachelor of Science in Engineering Technology allows students to take theoretical engineering ideas and translate them into actual products and solutions. Students can specialize in Mechanical Design or Quality Systems and find careers as design engineers, project managers, product designers, sales engineers, design managers, process engineers, production schedulers, quality engineers, quality auditors and managers, and plant managers.

**Points of Pride**

- The engineering technology program is accredited by the Engineering Technology Accreditation Commission (ETAC) of ABET serving as proof that our graduates are prepared for industry jobs nationally.
- Courses that prepare students for success include specialized technical and engineering areas, mathematics, and science. The program also includes a complementary core of business and general education classes.
- Engineering technology graduates are often called technologists to distinguish them from graduates of engineering programs. Both disciplines are similar in their skills and interests; however, engineering technology students have more exposure to hands-on learning and more time in labs applying their knowledge.
- Students participate in three semester-long, paid cooperative education work assignments, gaining real world experience related to their major. Many graduates secure their first high-paying job with a co-op employer.
- Students can choose from more than 1,000 co-op partners including Marathon Oil Company, Cooper Tire & Rubber, Emerson Corporation, Ford Motor Company, Tenneco, Dana Corporation, Ventra Plastics, Toyota Manufacturing North America, Inc., Whirlpool Corporation, American Honda Motor Company, Campbell Soup, Fiat Chrysler America – Jeep Division, General Electric and Energizer Battery Company.



**Alumni Success**

“I chose BGSU’s engineering technology program because I liked the idea of getting practical, hands-on experience as opposed to more theoretical education that comes with a traditional engineering degree. One of the best things about the program is the required co-ops. Most students find their full-time jobs after graduation from the companies they work with as part of a co-op, and all of us learned valuable knowledge and skills, and strengthened our resumes with real-world work experience.”

**Ryan Murphy '18**  
SSOE Group, Mechanical Process Engineer

**For more information**  
**Engineering Technology**  
**419-372-2439**  
**bgsu.edu/engt**

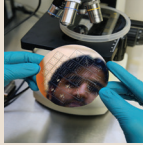





Opens a pathway to Professional Engineering [PE] licensure.

# MAJOR MAP

## ENGINEERING TECHNOLOGY - BACHELOR OF SCIENCE

Specializations in Mechanical Design and Quality Systems

CLASS OPTIONS	<p><b>Freshman</b></p> <p>Learn about career choices in Engineering Technology and create a roadmap for your coursework. Look for your first summer co-op.</p>	<p><b>Sophomore</b></p> <p>Learn about course requirements and the program's student outcomes. Improve your communication skills. Look for your second summer co-op.</p>	<p><b>Junior</b></p> <p>Enjoy learning about cutting-edge technologies in a hands-on approach. Improve your resume and apply for your third summer co-op.</p>	<p><b>Senior</b></p> <p>Capitalize on your engineering skills. Refine your resume, secure recommendation letters, and apply for jobs.</p>
GOOD ADVICE	<p>Know your instructors. Plan to meet with your advisor and faculty mentor regularly. Take basic math, physics, and matriculation ENGT courses that allow you to advance in your degree requirements.</p>	<p>Create a study routine. Become familiar with library resources and with learning centers on campus.</p>	<p>Meet with your academic advisor and faculty mentor to discuss your career goals.</p> 	<p>Establish industrial connections, and decide on the kind and the location of your dream job.</p>
RELEVANT EXPERIENCE	 <p>Participate in university and technology-related activities. Volunteer to help with events at college and University levels.</p>	<p>Write your resume utilizing the Career Center. Give oral presentations. Attend co-op seminars hosted by the co-op office, and meet with the assistant director of co-ops for help polishing interview skills and reviewing your resume.</p>	<p>Write technical scientific reports in technology. Conduct experiments and analyze results. Operate cutting-edge manufacturing machines.</p>	<p>Work on interdisciplinary and challenging engineering problems that help our society to grow in a competitive global environment.</p>
USEFUL CONNECTIONS	<p>Join professional organizations and be a member in one of our student chapters. Participate in our Engineering Society student organization or others such as Robotics Club, Women in Technology, Purple Hard Hats or Alpha Eta Rho.</p>	<p>Stay in touch by joining our professional network media: LinkedIn, Twitter and Facebook.</p>	<p>Take on a leadership role in a professional organization. Attend local professional meetings in engineering technologies. Participate in field visits to local companies.</p>	<p>Form a team of your fellow students to work on senior design project. Consider participating in The Hatch with your new product or a business idea.</p>
GLOBAL VIEWS	<p>Be part of the international co-operative education experiences. Join student organizations at BGSU.</p>	<p>Attend seminars or webinars in emerging technologies: additive manufacturing (3D printing), advanced materials, production processes, alternative energies, microfabrication and manufacturing automation.</p>	<p>Join Engineering Society students and participate in students' competitions such as Electric Vehicle Grand Prix.</p> 	<p>Participate or attend national and international conferences and workshops in engineering technologies through professional organizations such as SAE, SME, ASME, IEEE, and ASQ.</p>
CAREER PREP	<p>Visit BGSU Career Center at <a href="http://bgsu.edu/career-center">bgsu.edu/career-center</a>. Meet with faculty mentor to determine possible career paths. Enroll in the Falcon Internship Guarantee Program through Career Center. Explore In-Demand Careers, Career Pathways and Occupations using <a href="http://OhioMeansJobs.com">OhioMeansJobs.com</a></p>	<p>Look for co-ops through the college's Co-op office and other means. Attend job fairs and investigate graduate schools. Explore In-Demand Careers, Career Pathways and Occupations using <a href="http://OhioMeansJobs.com">OhioMeansJobs.com</a> and other websites.</p>	<p>Collect recommendations for job interviews or graduate schools. Keep in contact with previous co-op employers. Utilize <a href="http://OhioMeansJobs.com">OhioMeansJobs.com</a> to identify internships/co-ops; use Internship (College/University) and/or Co-op for the Job Type filter</p>	 <p>If considering graduate school, applications should be made early in the senior year. Utilize <a href="http://OhioMeansJobs.com">OhioMeansJobs.com</a> to identify full-time opportunities.</p>