Mechanical Engineering Technology MECE

Required Courses

Why Choose Mechanical Engineering Technology?

The Mechanical Engineering Technology program prepares students for a broad range of occupations and challenges. Beginning with foundation courses in math, applied science, CAD, manufacturing processes and communication, students move on to the applied engineering courses that give them a solid technical background for their careers. Students develop strong analytic and problem-solving skills. Their understanding of the principles taught in the classroom is enhanced with many hands-on labs and real-world applications provided by faculty with extensive industrial experience.

The Bachelor of Science in Mechanical Engineering Technology is accredited by the Engineering Technology Accreditation Commission of ABET Accreditation (ETAC-ABET), http://www.abet.org.

Career Opportunities

Due to the broad nature of their studies, graduates of the B.S. Mechanical Engineering technology program will find a great variety of jobs open to them. Many will work in the design and development of products, machines and processes. Others will be involved in manufacturing, operations and technical sales. Areas of employment will include automotive and transportation, power generation, climate control, machine design, manufacturing, materials and automation.

Admission Requirements

Students entering the program should have a strong interest in mechanical devices and seek to understand them better. They should have completed the A.A.S. in Mechanical Engineering Technology at Ferris (or a similar program elsewhere) with a minimum 2.5 GPA overall and a minimum 2.75 GPA in the major. Must have MATH 216/220 competency. Pre-engineering programs also make good starting points. Transfer candidates should contact the Mechanical Engineering Technology office to discuss options.

General Education Requirements

All University General Education requirements for a Bachelor’s degree is here.

Please consult this link for a complete listing of General Education Electives.

Consult the Required Courses above or the program advisor for program specific General Education requirements.
Graduation Requirements

The Mechanical Engineering Technology program at Ferris leads to a bachelor of science degree.

Students must

- maintain a 2.00 cumulative FSU GPA
- have 40 credits at the 300/400 level
- have 30 credits of Ferris classes (FSU Residency requirement)
- have a minimum 120 total credits to earn a bachelor degree
- complete all general education requirements as outlined on the General Education website

More Information

Mechanical Engineering Technology Program Office
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www.ferris.edu/mech

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The College of Engineering Technology Mechanical Engineering Technology BS program is accredited by the Engineering Technology Accreditation Commission of ABET (ETAC-ABET)

http://www.abet.org/

The next accreditation review is in 2020.

ADA compliant checksheets are being developed for the 2019-2020 Catalog. If you would like to request an ADA compliant checksheet before the 19-20 catalog is published, please send your request to: FSUCurriculum@ferris.edu