Rubber Engineering Technology

**Required Courses**

**Why Choose Rubber Engineering Technology?**

The Rubber Engineering Technology program was started in 1998 based on an urgent need in the rubber industry for technically trained personnel. It is the ONLY Rubber Engineering Technology bachelor's degree program in the United States, so many companies are competing for these graduates. Approximately one million people across the country work in the rubber industry, making it one of our largest employers.

This innovative program provides students with a diversified background that includes advanced coursework in the mixing and testing of rubber compounds for industry standards, the processing of rubber compounds into finished products that meet customer requirements, product and mold design, and materials selection and properties. Classes emphasize hands-on learning, using the same type of equipment that is currently used in industry.

**Partnership with Industry**

The rubber industry, working with the State of Michigan, generated more than $7,000,000 to create the National Elastomer Center, a building on campus with state-of-the-art laboratories and classrooms. Many companies actively support us by donating equipment and materials, making on-campus presentations and sponsoring field trips to their facilities.

Students also serve a paid internship in industry for a minimum of ten weeks each, gaining valuable firsthand experience before graduation. Some out-of-state companies even pay room and board in addition to salary to attract our interns. The experience helps the students decide what type of position they would most enjoy after graduation.

**Career Opportunities**

After completing the Rubber Engineering Technology program, students are immediately employable by the rubber industry. One hundred percent placement is expected in the foreseeable future. B.S. graduates usually start in engineering positions such as process, product or project engineer, quality control engineer or technical sales representative. The rubber industry is looking to graduates of this Ferris program to become their senior engineers and managers of the future. B.S. graduates should make approximately $65,000 per year at graduation and with ten years’ experience can make $100,000 per year or more.

**Admission Requirements**

Admission requires an associate degree in Plastics and Polymer Engineering Technology (or
approved equivalent) with a minimum 2.75 cumulative GPA and MATH 120 Competency. For entry from another program, prior work will be evaluated and the student will be placed at the appropriate point in the program. Admission is competitive.

**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 Rubber 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**

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Ferris State University
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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