Pre-Engineering

Required Courses

Why Choose Pre-Engineering?

This program was developed to give students a broad overview of the engineering field. Students take general education courses as well as pre-engineering courses to give them the required knowledge and skills necessary to gain entrance to an engineering college.

Pre-Engineering is designed for students who intend to transfer to an engineering college to earn a bachelor's degree in engineering or a related field. The program is based on courses that are fundamental to all engineering disciplines.

Career Opportunities

The Pre-Engineering program at Ferris is a great place to begin a career in the well-paid engineering field, a field that grows larger every year.

Admission Requirements

First year student admission is open to high school graduates (or equivalent) who demonstrate academic preparedness, maturity and seriousness of purpose with educational backgrounds appropriate to their chosen program of study. High school courses and grade point average, ACT/SAT16 composite score, and ACT/SAT16 reading and mathematics subscores will be considered in the admission and placement process. Transfer students must have at least 12 credits at the time of application with a minimum 2.0 overall GPA including an English and mathematics course, or they must provide their high school records and ACT/SAT16 scores for admission review.

General Education Requirements

All University General Education requirements for an Associate’s degree is here

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

Consult the Required Course above or program advisor for program specific General Education requirements.

Graduation Requirements

The Pre-Engineering program at Ferris leads to an associate in science degree. Graduation requires a minimum 2.0 GPA overall. Students should know that many engineering colleges prefer a 3.0 college GPA for transfer coursework. Students must complete a minimum of 60 college credits including all general education requirements as outlined on the General Education
More Information

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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