

Industrial Control Systems

Required Courses

Why Choose Industrial Control Systems Minor?

The Industrial Control Systems Minor provides essential concepts necessary for non-Electrical/Electronics students in industrial controls and automation systems technology. Topics such as programmable logic controllers, industrial communications and networking, transformers, motors, sensors, and fundamental electrical concepts are presented with emphasis on hands-on experience.

Students with this minor will gain experience to enhance their knowledge in the key aspects of controls and automation that are vital to careers in industry and technology.

Admission Requirements

The minor is open to all students enrolled and pursuing a baccalaureate or higher degree. Students must be in good standing with a cumulative of a 2.0 or higher in declared major. Students are expected to meet prerequisites for all courses.

Graduation Requirements

An academic minor may only be awarded upon completion of a baccalaureate or higher at Ferris State University.

A student returning after an interrupted enrollment must meet the requirements in effect at the time of their return.

Students must

- maintain a 2.00 cumulative FSU GPA
- earn a minimum grade of C- for each course in the minor
- have a minimum of 18 semester credit hours
- have a maximum of 1/3 of the credits, but no more than 7 credits in a minor, may overlap the students major
- have a minimum of 50% (9 credits) of the courses in the minor at the 200 or above level
- have at least one-half (1/2) of the credits (9 credits) from Ferris (FSU Residency requirement)

More Information

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