

Lean Systems

Required Courses

Why Choose the Lean Systems Minor?

The Lean Systems minor is designed to deliver a comprehensive education for applying lean concepts to various industries: e.g. banks, nonprofits, offices, hospitals, restaurants, manufacturing. The classes prepare individuals to lead, manage, and evaluate a continuous improvement system. Students will acquire the skills to apply the lean principles in a complex work environment. This cutting edge approach will provide graduates with highly sought-after capabilities to improve operational & financial performance and monitor growth within any type of organization.

The courses of this Minor focus on:

1. Integrating the core Lean principles (process efficiency, value stream mapping, kaizen, PDCA, 5S, pull, leveling process stability, standardized work, root-cause problem resolution and A3 Reporting)
2. Six Sigma (process quality)
3. Lean culture (skills development)
4. Lean accounting (value stream performance measurement)
5. Leadership techniques (employee centric) to assist the organization in achieving and sustaining optimal employee and organization/operational performance.

Lessons will focus on increasing student's conceptual understanding of the subjects by applying a practical, action learning approach. This collection of coursework is designed to ensure that participants own the skills upon completion. Graduates will be able to differentiate themselves in a market of skilled professionals.

Career Opportunities

Individuals who acquire the Lean Systems minor possess knowledge of Lean Systems. They are prepared for the following potential occupations: Continuous/Process Improvement Professional/Manager, Quality Improvement Specialist/Leader, Lean Project Analyst, Value Stream Improvement Manager, Operations Analyst/Manager, and many more.

Admissions Requirement

Any Ferris student interested in improving their career opportunities can obtain a Minor in Lean Systems upon graduation with a baccalaureate degree, and after completion of the requirements for the minor with a minimum 2.0 grade point average in the minor courses.

Graduation Requirements

A Ferris student will receive the Lean Systems Minor upon graduation with a baccalaureate degree, and after completion of the requirements for the minor with a minimum 2.0 grade point average in the minor courses.

No more than 50 percent of the credits required for this minor may be transferred from another institution. A maximum of 1/3 of the credits but not more than 7 credits in a minor may overlap with the student's major.

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