Industrial Technology and Management

Official Program Checksheet

Why Choose Industrial Technology and Management?

The Industrial Technology and Management program is designed to complement previous training in a technical area in order to move into a management role in a manufacturing or related facility. The degree program is interdisciplinary, bringing components of various programs together with specialty courses which expand the knowledge base of the student in manufacturing and industrial settings. The foundation classes provide depth of knowledge applicable to any technology field with classes in automation, globalization, lean manufacturing, general management, quality statistics, and industrial operations. Students typically come to the ITM program with work experience in a manufacturing environment. This allows students to bring their own experiences from their jobs to the classroom for a unique perspective on solving manufacturing related problems.

The Industrial Technology and Management degree is designed for persons involved in any one of a number of areas in manufacturing who may possess many manufacturing or business-related credits or an associate degree, and who desire a bachelors degree. This degree program will assist persons who want to make a career change with their current employer or a career transition to a new employer. It is designed to assist persons who desire to work in production supervision, sales engineering, production planning, quality, engineering supervision, and project management among other positions.

A significant part of the degree is an area called "Related Electives" where an individual can bring up to 41 credits into the degree which may include an associate degree. These credits should be from the area of manufacturing, however, appropriate business-related classes can be included. This area can be used to add a concentration of classes that represents an interest area of the student.

Career Opportunities

Most of our current students work in a manufacturing facility and wish to advance their careers, responsibilities and salaries. By bringing a comprehensive understanding of the fundamentals of manufacturing, additional skills are learned in the program which can transfer directly to the workplace. Employment opportunities for Industrial Technology and Management graduates are found across the entire spectrum of manufacturing and related industries. Common job titles one could expect from completing this program include production supervisor, project leader, project manager, continuous improvement manager, lean specialist, team leader or in middle management. Depending on your previous experience, additional career tracks one could expect from obtaining this degree may also be available in engineering, upper management and sales.
Admission Requirements

Admission into the ITM degree program will require at least 48 transferable credits or an associate degree. In addition, students may be enrolled concurrently at FSU and one of the community college partners associated with the program. A 2.5 overall GPA is required for admission. Placement into FSU MATH 115 and ENGL 150 or equivalents. All official college transcripts must be submitted at time of application for admission. Students should refer to www.ferris.edu and choose "Transfer Student" from the "Quick Links" pull-down menu to review Ferris' policy regarding admission criteria for transfer students. All courses transferred into Ferris at the point of admissions must be "C" or higher including courses used in the ITM required core and recommended electives.

ITM is an off-campus program offered in Grand Rapids and Macomb locations.

General Education Requirements

All University General Education requirements can be found here: http://www.ferris.edu/HTMLS/academics/general-education/requirements/BA-BS.htm

Please consult this link for a complete listing of General Education Electives: http://www.ferris.edu/HTMLS/academics/general-education/courses/index.htm

Consult the official checksheet or program advisor for program specific General Education requirements.

Graduation Requirements

The Industrial Technology and Management program at Ferris leads to a bachelor of applied science degree. To graduate, students must have a 2.0 CUMULATIVE GPA in all FSU courses, and a 2.75 in the Concentration and Core. A minimum of 22 semester hours of core classes including APPS 499 must be taken at FSU. At least 30 FSU semester hours must be completed to fulfill FSU residency requirements. Students must meet the University General Education requirements. There must be a minimum of 40 total credit hours completed at the 300 or 400 levels. A total of 120 credit hours minimum must be completed for graduation.

More Information

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http://www.ferris.edu/HTMLS/colleges/technolo/design-mfg/itm/index.htm

Link to off campus site with transfer guides:

http://ferris.edu/HTMLS/statewide/warren/industrialtechnologymanagement_bas.htm