



Reasons to choose our programs...

Western Michigan University's **Master of Science in Manufacturing Engineering (M.S.)** is designed to provide advanced competencies in the areas of computer-aided manufacturing, computer-aided design and analysis, and integrated processing of polymers, metals and composite materials.

Decision-makers in manufacturing engineering, engineering graphics and design, process engineering, quality assurance and tooling design would benefit from this degree. Program objectives include:

- Plan, design, analyze, implement and improve cost-effective manufacturing methods
- Understand and use technology to control and monitor processes and systems to solve production problems
- Manage projects, people and resources
- Communicate professionally in written, oral, visual and electronic forms
- Pursue professional growth and function effectively in work environments
- Study the areas of engineering, technical resource management and industrial leadership

The specific career path objectives of the individual may be met by focusing the electives and optional thesis or project. The master's degree candidate will work with their academic advisor to tailor all elective coursework.

Current faculty research areas include:

- Dimensional metrology
- Engineering management and human performance
- Fabrication and assembly
- Integrated design
- Metal casting
- Plastics processing
- Process evaluation

A working engineer can complete this program in three years while maintaining full-time employment, and courses can be completed in Kalamazoo and Grand Rapids.

Industry Highlights

Program graduates can look forward to career opportunities at higher levels of responsibility and compensation. Opportunities for manufacturing engineers continue to develop with the rapid expansion of the knowledge base.

Funding

A limited number of graduate and teaching assistantships are available. Contact the department for additional information.

Admission

Domestic and International

Applications are accepted on an ongoing basis, allowing students to begin coursework in the fall, spring and summer semesters.

Department of Engineering Design, Manufacturing and Management Systems

wmich.edu/edmms
(269) 276-3351
edmms-info@wmich.edu



Dr. Paul V. Engelmann
Professor, Academic Advisor
paul.engelmann@wmich.edu