Western Michigan University’s Engineering Management (M.S.) program is focused on the management of people, projects, money, and systems.

The program immerses students in the art and science of modern management methods geared towards engineering and technical operations.

Multidisciplinary study in various engineering disciplines is included in the program, with studies in business system operations and organizational behavior.

The ability to manage high performance teams and manage business and technological operations is instilled throughout the program.

The program provides graduates with the skills and knowledge that industrial research, consulting and commercial firms now demand of engineering managers. Graduates get jobs leading to rewarding careers in services, manufacturing, and health care.

WMU’s Department of Industrial and Manufacturing Engineering is a Registered Education Provider for the Project Management Institute®. Your credits count toward PMP and CAPM certification.
Teaching, Research, and Program Focus Areas
Program graduates can look forward to career opportunities at higher levels of responsibility and compensation. The Master of Science in Engineering Management requires 30 credit hours of work that includes 18 hours of core courses and 12 hours of approved electives. 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 his/her academic advisor to tailor all elective course work.

The demand for leadership in modern manufacturing and service-based industries has dramatically increased the need for people with technical and managerial skills. Because engineering management graduates understand materials and processes, they are looked upon as ideal candidates for leadership positions in industry. The variety of career opportunities open to those who have both technical competence and managerial skills is growing and will continue to grow.

Admissions
A candidate for admission must: 1) Possess a baccalaureate degree with a major in a technical field such as engineering, technology, mathematics, computer science, or the physical sciences; 2) Submit GRE scores for the General Test; 3) Have completed at least 8 credit hours of mathematics through calculus, a course in statistics, a course in computer science, and at least 8 credit hours of physics and/or chemistry; 4) Possess a GPA of 3.0 or better during the last 2 years of undergraduate study; and 5) Have completed undergraduate courses or work experience in the areas of work methods analysis, operations planning and control, and quality control. If a candidate’s background is deficient, foundation courses will be required. For additional application information and materials visit the program website:
wmich.edu/ime/management.html

Graduate Assistantships/Associateships
Graduate and Teaching Assistantships are available in the Industrial & Manufacturing Engineering Department, but few are available to first year master’s students.

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Western Michigan University
One of the top-100 public universities in the United States, Western Michigan University offers many nationally known graduate programs, including 29 doctoral and 64 master’s degrees. More than 20 percent of its 25,000 students are enrolled in graduate course work.

Kalamazoo
With a population of more than 325,000, Kalamazoo is the sixth largest metropolitan area in Michigan and among the 150 largest in the country. Kalamazoo is rated one of the 25 best cities in the country for young college graduates, and is located midway between Chicago and Detroit.