Manufacturing Engineering Technologists support manufacturing activities by implementing designs for products. They apply human, material, and capital resources to manufacturing problems to create efficient production systems.

Career Opportunities
Manufacturing engineering technologists implement designs for products by bringing together people, raw materials and processes, and capital to solve manufacturing problems and create efficient production systems. You might research new types of robot grippers in a laboratory setting, evaluate a product for production possibilities, introduce closed-loop control into a plastics extrusion line, improve machine tools, improve productivity on a furniture manufacturing line, supervise an automobile production line, bring automation to a foundry, train technicians to use a computer-aided design system, or diagnose and correct malfunctions in laser welding equipment.

The skills of our recent graduates contribute to the success of organizations such as:
- American Axle
- ADAC
- Daimler Chrysler (JCI)
- Delphi
- General Motors
- Johnson Controls International
- Stryker
- General Motors
- Johnson Controls International
- Delphi
- Stryker
- American Axle
- ADAC
- Daimler Chrysler (JCI)
- Delphi
- General Motors
- Johnson Controls International
- Stryker

Program Description
Manufacturing engineering technology combines the study of math and basic sciences with materials and manufacturing processes, productivity techniques, computer applications and robotics, and product design. You will also practice communicating your ideas orally and in writing. A degree in this field will enable you to work in manufacturing planning and operations, tooling and systems design, process and product development, quality assurance, technical training, and supervision.

Students in manufacturing engineering technology can choose from several minors:
- The cast metals minor prepares students for careers in die casting, sand casting, and casting design.
- The plastics minor leads to careers in plastics molding, extrusion, plastics design, and quality assurance.
- The automotive minor develops a practical understanding of product development, manufacturing or assembly, testing, customer relations, sales of components, systems, and vehicles.
- Other related minors.

The manufacturing engineering technology program is accredited by the Technology Accreditation Commission of ABET, http://www.abet.org/. The Department of Industrial and Manufacturing Engineering at Western Michigan University offers undergraduate programs in engineering design technology, engineering management technology, industrial and entrepreneurial engineering, and manufacturing engineering technology. The department also offers master of science degrees in engineering management, industrial engineering, manufacturing engineering, and operations research. A doctorate is offered in industrial engineering. Also, manufacturing engineering technology students usually attend classes of only 16 to 20 students, which helps you take advantage of our faculty’s expertise, experience, and connections to local business.
Preparation
To enter the manufacturing engineering technology program, you should have completed in high school at least three and a half years of college preparatory mathematics, including trigonometry, and two years of basic science such as physics and chemistry. If you lack some of this background, you may select courses at WMU to prepare you to enter the program. Transfer credit from other colleges and universities will be granted for courses that satisfy WMU’s requirements.

Financial Aid
Information about financial assistance such as scholarships, work study employment opportunities, loans, and grants is available from the Office of Student Financial Aid and Scholarships. Write Student Financial Aid, Western Michigan University, Kalamazoo, MI 49008-5337, call (269) 387-6000 or visit the web site www.wmich.edu/finaid

Cooperative Education
Students enrolled in engineering, technology and applied sciences degree programs may gain experience and knowledge about a professional field of interest by enrolling in the cooperative education program. For additional information contact the Co-op Coordinator, in the Advising Office, Room E-102 CEAS.

Placement
Career Services helps WMU students and alumni in job search planning. Call (269) 387-2745 or visit www.wmich.edu/career

For more information contact:
Department of Industrial and Manufacturing Engineering College of Engineering and Applied Sciences
Western Michigan University
Kalamazoo, MI 49008-5336
Call (269) 276-3350
Web site www.wmich.edu/ime

Other programs at the College of Engineering and Applied Sciences:
- Aeronautical Engineering
- Chemical Engineering
- Civil Engineering
- Computer Engineering
- Computer Science Theory and Analysis
- Computer Science General Option
- Construction Engineering
- Electrical Engineering
- Engineering Design Technology
- Engineering Management Technology
- Graphic & Printing Science
- Industrial & Entrepreneurial Engineering
- Manufacturing Engineering (Muskegon, Battle Creek, Southwest Regional Centers only)
- Mechanical Engineering
- Paper Engineering
- Paper Science

Western Michigan University is an equal opportunity employer/affirmative action institution.

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