

Manufacturing Engineering Technology with Process Development Concentration

Program Requirements

Manufacturing Engineering Technology - Process Development Concentration, BS Program Checksheet

Includes:

- Major Courses and General Education Courses
- Admission and Transfer Requirements
- Graduation Requirements

Why Choose Manufacturing Engineering Technology with Process Development Concentration?

Did you ever drive your parents up the wall by taking things apart just to see how they were put together? (Or do you still do this?) If so, Manufacturing Engineering Technology may be the program for you! Simply put, manufacturing engineers figure out how to make products; anything from tools to toys, cars to consumer goods, and electronics to earthmovers.

Good manufacturing engineers can determine how to make their company's products better, faster, safer, and less expensive than competitors. These abilities are always in demand and the Manufacturing Engineering Technology program at Ferris gives you the skills to command an excellent starting salary. You'll also get to work with state-of-the-art computers and equipment while you're here, plus get the valuable team and project experience than anywhere else.

Ferris students learn to identify and select materials based on production requirements and work closely with computer-aided design equipment (CAD/CAM). They conduct time studies, complete cost estimates, utilize computer software to aid in solving manufacturing problems, formulate plant layout requirements, understand management control systems, justify and select quality equipment and automated systems, and design a total product manufacturing system. Students also receive on-the-job experience through an internship education program.

Program available full time during day on the main campus in Big Rapids, MI and part-time at night on Ferris Statewide Grand Rapids campus.

Career Opportunities for Graduates in Manufacturing Engineering Technology, Process Development Concentration

Manufacturing engineers get involved on the ground level of the production of a variety of industrial and consumer goods and develop the expertise to see production through to completion. Their knowledge of process design, analysis, planning, supervision, manufacturing

methods, and equipment is used from start to finish. The location of every machine, the movement of each tool or part, the order of operation and the selection of the machines themselves are all decisions that manufacturing engineers make as part of the total production process.

Employment opportunities for Manufacturing Engineering Technology graduates are found across the entire spectrum of manufacturing industries. Specific entry-level positions include manufacturing engineer, process engineer, production engineer, tool engineer, industrial engineer, and quality engineer. Graduates of this program typically enjoy high placement rates and starting salaries averaging over \$60,000.

For More Information

School of Design and Manufacturing

Manufacturing Engineering Technology Programs

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<https://www.ferris.edu/HTMLS/statewide/manufacturing-engineering-technology.htm>

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