What Manufacturing Engineering Technologists Do

Manufacturing Engineering Technologists develop tools, implement designs, or integrate machinery, equipment, or computer technologies to ensure effective manufacturing processes.

Your tasks may include:

- Recommend corrective or preventive actions to ensure or improve product quality or reliability.
- Prepare layouts, drawings, or sketches of machinery or equipment, such as shop tooling, scale layouts, or new equipment design, using drafting equipment or computer-aided design (CAD) software.
- Identify and implement new manufacturing technologies, processes, or equipment.
- Identify opportunities for improvements in quality, cost, or efficiency of automation equipment.
- Monitor or measure manufacturing processes to identify ways to reduce losses, decrease time requirements, or improve quality.

Source: O*Net Online http://www.onetonline.org

The Program

Macomb’s Manufacturing Engineering Technology Program prepares you for a career as a qualified technologist, providing support for routine engineering operations in product design, development and manufacturing, with a focus on hands-on experience to contribute resourceful and innovative solutions to today’s technical problems.

Learn:

- Blueprint Reading
- Industrial & Materials Processes
- Machine Theory
- Metallurgy

FOR MORE INFORMATION

For more information, contact Manufacturing Engineering Technology program advisor Professor Harry J. Buhalis at 586.445.7450.

There’s nothing I believe in more strongly than getting young people interested in science and engineering, for a better tomorrow, for all humankind.

Bill Nye, TV’s “The Science Guy”
Two years at Macomb equals a tremendous savings—about $18,000—compared to attending a Michigan four-year public university. Approximately 80 percent of Macomb students leave the college DEBT FREE.

YOU HAVE OPTIONS
As a Macomb student, you are able to plan a personalized pathway that takes you through your time at Macomb, and beyond. You’re encouraged to speak with the academic advisor for Engineering & Advanced Technology as soon as possible after you have applied to Macomb, to discuss appropriate classes, transfer of credits to a four-year school, and other decisions that lie ahead.

South Campus
Building S, Room 145
586.445.7993
Email: answer@macomb.edu

LOOKING FOR A JOB?
Contact Career Services
586.445.7321
careerservices@macomb.edu

For general information about Macomb Community College, visit www.macomb.edu
Call 866.Macomb1 (866.622.6621)
or email answer@macomb.edu.

ADVANCED MANUFACTURING AND DESIGN

Discover the Advanced Manufacturing and Design Program that’s right for you!

- CNC Machining (Advanced Processes)
- Automated System Technology—Mechatronics
- Fluid Power Technology
- Manufacturing Engineering
- Manufacturing Engineering Technology
- Product Development—Digital Sculptor
- Robotics
- Welding

Career opportunities
With an associate degree, you will be qualified for careers including industrial engineering technician and manufacturing technician. Median salary for these careers is $50,060 in Michigan with 9 percent growth in openings expected through 2024. You will also be qualified for careers including engineering technician. Median salary for these careers is $58,030 in Michigan with 13 percent growth in openings expected through 2024. You will also be qualified for careers including manufacturing technology analyst. Median salary for these careers is $62,600 in Michigan with 11 percent growth in openings expected through 2024. With further education, you will be qualified for careers including manufacturing engineer. Median salary for these careers is $90,340 in Michigan with 15 percent growth in openings expected.