



**Finger Lakes Advanced  
Manufacturers' Enterprise**  
Building Minds that Make It

## *Did you know?*

**Advanced Manufacturing provides well-paying and rewarding careers to workers in a variety of fields!**

<b>Computer-Controlled Machine Tool Operators, Metal and Plastic:</b> Operate computer-controlled machines or robots to perform one or more machine functions on metal or plastic work pieces.	<b>Median salary: \$33,504</b>
<b>Computer Numerically Controlled Machine Tool Programmers, Metal and Plastic:</b> Develop programs to control machining or processing of metal or plastic parts by automatic machine tools, equipment, or systems.	<b>Median salary: \$52,596</b>
<b>Electronics Engineering Technicians:</b> Lay out, build, test, troubleshoot, repair, and modify developmental and production electronic components, parts, equipment, and systems, such as computer equipment, missile control instrumentation, electron tubes, test equipment, and machine tool numerical controls, applying principles and theories of electronics, electrical circuitry, engineering mathematics, electronic and electrical testing, and physics.	<b>Median salary: \$52,837</b>
<b>First-Line Supervisors of Production and Operating Workers:</b> Directly supervise and coordinate the activities of production and operating workers, such as inspectors, precision workers, machine setters and operators, assemblers, fabricators, and plant and system operators.	<b>Median salary: \$59,948</b>
<b>Industrial Engineering Technicians:</b> Apply engineering theory and principles to problems of industrial layout or manufacturing production, usually under the direction of engineering staff.	<b>Median salary: \$51,472</b>
<b>Industrial Production Managers:</b> Plan, direct, or coordinate the work activities and resources necessary for manufacturing products in accordance with cost, quality, and quantity specifications.	<b>Median salary: \$100,569</b>

<b>Lathe and Turning Machine Tool Setters, Operators and Tenders – Metal and Plastic:</b> Set up, operate, or tend lathe and turning machines to turn, bore, thread, form, or face metal or plastic materials, such as wire, rod, or bar stock.	<b>Median salary: \$39,349</b>
<b>Machinists:</b> Set up and operate a variety of machine tools to produce precision parts and instruments. Includes precision instrument makers who fabricate, modify, or repair mechanical instruments. May also fabricate and modify parts to make or repair machine tools or maintain industrial machines, applying knowledge of mechanics, mathematics, metal properties, layout, and machining procedures.	<b>Median salary: \$46,864</b>
<b>Manufacturing Engineering Technologists:</b> Develop tools, implement designs, or integrate machinery, equipment, or computer technologies to ensure effective manufacturing processes.	<b>Median salary: \$53,577</b>
<b>Manufacturing Production Technicians:</b> Set up, test, and adjust manufacturing machinery or equipment, using any combination of electrical, electronic, mechanical, hydraulic, pneumatic, or computer technologies.	<b>Median salary: \$53,577</b>
<b>Model Makers, Metal and Plastic:</b> Set up and operate machines, such as lathes, milling and engraving machines, and jig borers to make working models of metal or plastic objects. Includes template makers.	<b>Median salary: \$48,424</b>
<b>Multiple Machine Tool Setters, Operators and Tenders – Metal and Plastic:</b> Set up, operate, or tend more than one type of cutting or forming machine tool or robot.	<b>Median salary: \$32,729</b>
<b>Photonics Technicians:</b> Build, install, test, or maintain optical or fiber optic equipment, such as lasers, lenses, or mirrors, using spectrometers, interferometers, or related equipment.	<b>Median salary: \$53,577</b>
<b>Tool Grinders, Filers and Sharpeners:</b> Perform precision smoothing, sharpening, polishing, or grinding of metal objects.	<b>Median salary: \$56,573</b>

**Source:** Monroe Community College, Online resource: *Career Coach*

<https://monroecc.emsicc.com/?radius=&region=Rochester%2C%20NY>