

## Manufacturing

Planning, managing and performing the processing of materials into intermediate or final products and related professional and technical support activities such as production planning and control, maintenance and manufacturing/process engineering.

Path WAYS	Production	Manufacturing Production Process Development	Maintenance, Installation & Repair	Quality Assurance	Logistics & Inventory Control	Health, Safety and Environmental Assurance
Sample Career Specialties/Occupations	<ul style="list-style-type: none"> <li>◆ Assemblers</li> <li>◆ Automated Manufacturing Technicians</li> <li>◆ Bookbinders</li> <li>◆ Calibration Technicians</li> <li>◆ Electrical Installers and Repairers</li> <li>◆ Electromechanical Equipment Assemblers</li> <li>◆ Extruding and Drawing Machine Setters/Set-Up Operators</li> <li>◆ Extrusion Machine Operators</li> <li>◆ Foundry Workers</li> <li>◆ Grinding, Lapping, and Buffing Machine Operators</li> <li>◆ Hand Packers and Packers</li> <li>◆ Hoist and Winch Operators</li> <li>◆ Instrument Makers</li> <li>◆ Large Printing Press Machine Setters and Set-Up Operators</li> <li>◆ Machine Operators</li> <li>◆ Managers, Supervisors</li> <li>◆ Medical Appliance Makers</li> <li>◆ Milling Machine Setters, Set-Up Operators</li> <li>◆ Millwrights</li> <li>◆ Operators, Tenders, Cutters/Brazers, Soldering, Machine Operations</li> <li>◆ Painters</li> <li>◆ Pattern &amp; Model Makers</li> <li>◆ Precision Layout Workers</li> <li>◆ Precision Optical Goods Workers</li> <li>◆ Production Associates</li> <li>◆ Sheet Metal Workers</li> <li>◆ Solderers and Brazers</li> <li>◆ Tool and Die Makers</li> <li>◆ Welders</li> </ul>	<ul style="list-style-type: none"> <li>◆ Design Engineers</li> <li>◆ Electrical and Electronic Technicians and Technologists</li> <li>◆ Electronics Engineers</li> <li>◆ Engineering and Related Technicians and Technologists</li> <li>◆ Engineering Technicians</li> <li>◆ Industrial Engineers</li> <li>◆ Labor Relations Managers</li> <li>◆ Manufacturing Engineers</li> <li>◆ Manufacturing Technicians</li> <li>◆ Power Generating and Reactor Plant Operators</li> <li>◆ Precision Inspectors, Testers, and Graders</li> <li>◆ Process Improvement Technicians</li> <li>◆ Production Managers</li> <li>◆ Purchasing Agents</li> <li>◆ Supervisors</li> </ul>	<ul style="list-style-type: none"> <li>◆ Biomedical Equipment Technicians</li> <li>◆ Boilermakers</li> <li>◆ Communication System Installers/Repairers</li> <li>◆ Computer Installers/Repairers</li> <li>◆ Computer Maintenance Technicians</li> <li>◆ Electrical Equipment Installers/Repairers</li> <li>◆ Facility Electricians</li> <li>◆ Industrial Electronic Installers/Repairers</li> <li>◆ Industrial Facilities Managers</li> <li>◆ Industrial Machinery Mechanics</li> <li>◆ Industrial Maintenance Electricians</li> <li>◆ Industrial Maintenance Mechanics</li> <li>◆ Industrial Maintenance Technicians</li> <li>◆ Instrument Calibration and Repairers</li> <li>◆ Instrument Control Technicians</li> <li>◆ Job/Fixture Designers</li> <li>◆ Laser Systems Technicians</li> <li>◆ Maintenance Repairers</li> <li>◆ Major Appliance Repairers</li> <li>◆ Meter Installers/Repairers</li> <li>◆ Millwrights</li> <li>◆ Plumbers, Pipe Fitters and Steam Fitters</li> <li>◆ Security System Installers/Repairers</li> </ul>	<ul style="list-style-type: none"> <li>◆ Calibration Technicians</li> <li>◆ Inspectors</li> <li>◆ Lab Technicians</li> <li>◆ Process Control Technicians</li> <li>◆ Quality Control Technicians</li> <li>◆ Quality Engineers</li> <li>◆ SPC Coordinators</li> </ul>	<ul style="list-style-type: none"> <li>◆ Communications, Transportation and Utilities Managers</li> <li>◆ Dispatchers</li> <li>◆ Freight, Stock, and Material Movers</li> <li>◆ Industrial Truck and Tractor Operators</li> <li>◆ Logistical Engineers</li> <li>◆ Logisticians</li> <li>◆ Material Associates</li> <li>◆ Material Handlers</li> <li>◆ Material Movers</li> <li>◆ Process Improvement Technicians</li> <li>◆ Quality Control Technicians</li> <li>◆ Traffic Managers</li> <li>◆ Traffic, Shipping, and Receiving Clerks</li> </ul>	<ul style="list-style-type: none"> <li>◆ Environmental Engineers</li> <li>◆ Environmental Specialists</li> <li>◆ Health and Safety Representatives</li> <li>◆ Safety Coordinators</li> <li>◆ Safety Engineers</li> <li>◆ Safety Team Leaders</li> <li>◆ Safety Technicians</li> </ul>