

ADVANCED MANUFACTURING

Occupational Outlook

What Manufacturing Production Technicians Do

Manufacturing Production Technicians perform a variety of tasks in their daily job. Some common tasks include inspecting finished products for quality and adherence to customer specifications, setting up and operating production equipment in accordance with good manufacturing practices and standard operating procedures and calibrating or adjusting equipment to ensure quality production using tools such as calipers, micrometers, height gauges, ring gauges and protractors.

Education

Post-secondary certificates are common for this field. Some students continue on to obtain their Associate's degree and a few continue on to receive their Bachelor's degree.

Pay

The median annual wage for manufacturing production technicians was \$61,269 in 2015. Entry-level wages are often lower than the median.

Skills

- Critical Thinking – Using logic and reasoning to identify the strengths and weaknesses of alternative solutions.
- Active Listening – Giving full attention to what other people are saying, taking the time to understand the points being made, asking questions as appropriate and not interrupting at inappropriate times.
- Equipment Maintenance – Performing routine maintenance on equipment and determining when and what kind of maintenance is needed.

Work Activities

- Making Decisions and Solving Problems
- Controlling Machines and Processes
- Obtaining Information
- Communicating with Supervisors, Peers or Subordinates
- Monitor Processes, Materials or Surroundings

Source: onetonline.org

INDUSTRIAL DESIGN MANUFACTURING



INDUSTRIAL TECHNOLOGY: MANUFACTURING TECHNOLOGY CERTIFICATE

36 credits

This certificate program prepares individuals to enter the manufacturing workforce by teaching basic skills needed in the use of lathes and milling machines, while also providing the educational background for those students who want to continue into a second year of study in Industrial Technology: Manufacturing or Industrial Design.