

Intro to Manufacturing:

Certified Production Technician Introductory Course



This 40-hour online course will introduce participants to a range of skills required for a variety of entry-level manufacturing positions.

Successful completion of this course not only opens up a wide range of job opportunities, but participants will be prepared to advance to the Certified Production Technician training course should they wish to grow their skills and career in manufacturing.

Learn practical skills to prepare for an entry-level manufacturing position. Topics introduced include:

- **Safety:** Preparation for entry level employment in a production position with the ability to work in a safe and productive manufacturing workplace
- **Quality Practices & Measurement:** Quality skills for the entry-level production employee to participate in periodic internal quality audit activities
- **Manufacturing Processes and Production:** Acquire foundational knowledge of manufacturing processes and production
- **Maintenance Awareness:** Prepare the entry-level production worker in the importance and operations of maintenance

Following this training, all individuals will have the opportunity to meet with a variety of local employers with open positions, including:

Contact your local Missouri Job Center to determine if you meet eligibility requirements for funding assistance with this training.

Missouri Department of Higher Education & Workforce Development and the Workforce Development Board of Western Missouri, Inc. are equal opportunity employers/programs. Auxiliary aids and services are available upon request to individuals with disabilities. Missouri Relay Services at 711.



- Individuals looking to gain additional skills to qualify for entry-level manufacturing employment
- Dislocated workers
- Individuals interested in the MO Manufacturing Technician/Certified Production Technician training program

Location: Online (computer & internet access required)

Date:
To be determined

Time: Set virtual time meetings will be shared prior to the start of the training.

Cost: \$1500

[Submit Inquiry HERE](#)

CONTACT US

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Objectives

SAFETY

- OSHA 10 Hour for General Industry

QUALITY PRACTICES & MEASUREMENT

- Importance of continuous improvements
- Inspect materials and product/process to ensure they meet specifications
- Document the results of quality tests
- Communicate quality problems
- How to take corrective actions to restore or maintain quality
- How to record process outcomes and trends
- Fundamentals of blueprint reading
- Common measurement systems and precision measurement tools

MANUFACTURING PROCESSES & PRODUCTION

- How manufacturers identify customer needs
- Resources available for the production process
- Awareness of production process equipment
- Importance of team production goals and job assignments
- Importance of work flow with team members and other work groups
- How to communicate production and material requirements and product specifications
- Perform and monitor the process to make the product
- Document product and process compliance
- Prepare final product for shipping or distribution

MAINTENANCE AWARENESS

- An overview of preventive maintenance and routine repair
- How to monitor indicators to ensure correct operations
- Understand general housekeeping needed to maintain production schedule
- Recognize potential maintenance issues with basic production systems, including knowledge of when to inform maintenance personnel about problems with electrical, pneumatic, hydraulic and machine automation systems
- Basic lubrication processes
- Intro to bearings and couplings
- Intro to belts and chain drives