



TrainWith
CTS

Certified Production Technician (CPT) Manufacturing Standards Skills Council

The MSSC Certified Production Technician program is an Industry Recognized and TechCred approved credential that provides individuals with the foundational skills needed to succeed in a manufacturing production environment.

Build your skills in:

Industrial Safety (40 Hours)

1. Work in a Safe and Productive Manufacturing Workplace
2. Perform safety and environmental inspections
3. Perform emergency drills and participate in emergency teams
4. Identify unsafe conditions and take corrective action
5. Provide safety orientation for all employees
6. Train personnel to use equipment safely
7. Suggest processes and procedures that support safety of work environment
8. Fulfill safety and health requirements for maintenance, installation, and repair
9. Monitor safe equipment and operator performance
10. Utilize effective, safety-enhancing workplace practices

Quality Practices and Measurement (40 Hours)

1. Participate in periodic internal quality audit activities
2. Check calibration of gages and other data collection equipment
3. Suggest continuous improvements
4. Inspect materials and product/process at all stages to ensure they meet specifications
5. Document the results of quality tests
6. Communicate quality problems
7. Take corrective actions to restore or maintain quality
8. Record process outcomes and trends
9. Identify fundamentals of blueprint reading
10. Use common measurement systems and precision measurement tools

Location: Northwest State Community College, Archbold, Ohio

Date: TBD

Time: TBD

Per Person Fee: \$2,800

How to Register: Email CTS at cts.archbold@northweststate.edu or call Tori Atkinson at 419-267-1219

Refund/Cancellation Policy: You can withdraw from any class up to 3 days before its start. No refunds are issued for no-shows, substitutions are welcome



Continued:

Manufacturing Processes & Production (40 Hours)

1. Identify customer needs
2. Determine resources available for the production process
3. Set up equipment for the production process
4. Set team production goals
5. Make job assignments
6. Coordinate work flow with team members and other work groups
7. Communicate production and material requirements and product specifications
8. Perform and monitor the process to make the product
9. Document product and process compliance with customer requirements
10. Prepare final product for shipping or distribution

Maintenance Awareness (40 Hours)

1. Perform preventive maintenance and routine repair
2. Monitor indicators to ensure correct operations
3. Perform all housekeeping to maintain production schedule
4. Recognize potential maintenance issues with basic production systems, including knowledge of when to inform maintenance personnel about problems with:
 - Electrical systems
 - Pneumatic systems
 - Hydraulic systems
 - Machine automation systems
 - Lubrication processes
 - Bearings and couplings
 - Belts and chain drives

Successful completion of course hours and assessment exams will result in a Certified Production Technician Industry Recognized / TechCred approved Certification.