

# GET CERTIFIED

Information: 205.856.8588 Tamara Payne  
tlpayne@jeffersonstate.edu

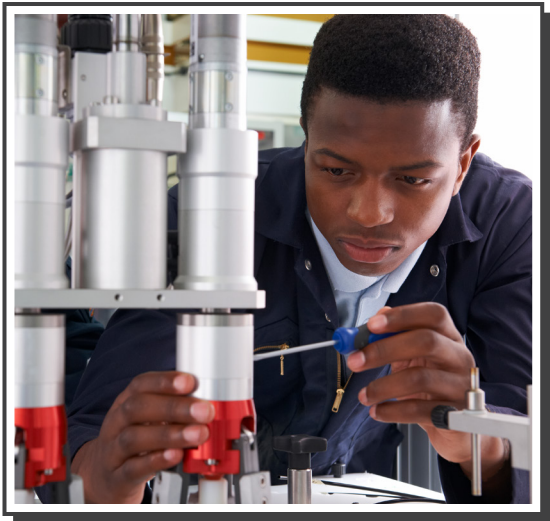


**The Manufacturing Skill Standards Council (MSSC)** is an industry-led, training, assessment and certification system focused on the core skills and knowledge needed by the nation's front-line production and material handling workers. The nationwide **MSSC** System, based upon industry defined and federally-endorsed standards, offers both entry-level and incumbent workers the opportunity to demonstrate that they have acquired the skills increasingly needed in the technology-intensive jobs of the 21st century.

## Certified Production Technician (CPT)



The **CPT Certification** addresses the core technical competencies of higher skilled production workers in all sectors of manufacturing. **MSSC** awards certificates to individuals who pass any of its Production Modules: Safety, Maintenance Awareness, Manufacturing Processes & Production, and Quality Practices & Measurement; and a full **Certified Production Technician (CPT) Certificate** to those who pass all four original modules.



## Safety Module

- Customer needs
- Communication and leadership
- Team building and decision making
- Safety organization
- Personal protective equipment
- Fire and electrical safety
- Hazardous material safety
- Aligned with OSHA 10

## Maintenance Awareness Module

- Basic electrical circuits
- Pneumatic and hydraulic power systems
- Lubrication
- Bearing and couplings
- Belt and chain drives
- Machine control concepts
- Machine automation
- High vacuum systems

## Manufacturing Processes & Production Module

- Mechanical principles
- Materials and material testing
- Production processes
- Machining processes and tooling
- Procedures and process documentation
- Production planning and work-flow
- Packaging and distribution

## Quality Module

- Blueprint reading
- Basic measurement
- Precision measurement
- Dimensional gauging
- SPC and control charts
- Continuous improvement
- Inspections
- Audits
- Prevention and correction



*Each CPT Course is approximately 45-55 hours and has been rated by the National College Credit Recommendation Service (NCCRS) at three credits each.*