

# Manufacturing Production Technician



Tri-County Technical College is proud to announce that the Manufacturing Skills Standards Council Production Technician Certification program is now available through our Corporate and Community Education Division. The Manufacturing Skills Standards Council Certification program was created to enable workers to build the core knowledge and skills needed in today's advanced manufacturing workplace. Comprehensive courses, certified instructors, and excellent reference materials combine to help students develop and/or enhance their skills. Based on the Manufacturing Skill Standards Council (MSSC) standards, our courses are delivered in both an instructor-led environment and through computer-based simulations of actual production applications. Students in the program will sit for the MSSC Certified Production Technician Exams— resulting in a nationally recognized Certified Production Technician® credential.

The Certificate program develops a core understanding of the key work activities and basic technical knowledge and skills needed in high-performance manufacturing, as defined by MSSC's industry-led Production Standards. This training also helps enhance basic computer, problem-solving and analytical skills, and one's ability to apply knowledge to specific situations.

Based on these knowledge and skill areas, the Manufacturing Skills Standards Certification program specifically addresses:

- Safety
- Maintenance Awareness
- Environmental Safety
- Inspections
- Preventative Maintenance
- Correction of Unsafe Conditions
- Equipment Maintenance Training
- Safety Related Maintenance
- Blueprint Reading
- Operator Safety
- Preventative / Corrective Actions
- Safety Orientation Training
- Circuit Analysis

- Quality and Continuous Improvement
- Manufacturing Processes & Production
- Intro to SPC
- Machine Automation
- Internal Quality Audits
- Mechanical /Electrical Principles
- Quality Training
- Inspection to Meet Specs
- Corrective Actions
- Equipment Monitoring
- Quality Maintenance Adjustments
- Equipment Modes and Set Up

The program is a total 140 hours of combined in-class and online time. We offer daytime and evening classes. For more information, please call our Customer Resource Center at 864/646-1700.