

IS THE MANUFACTURING SKILLS STANDARD CERTIFICATION RIGHT FOR YOU?

THE MSSC CURRICULUM AND YOUTH APPRENTICESHIP

As a participant in the MSSC training program you will also participate in the Wisconsin Youth Apprenticeship Program (YAP) beginning second semester. This program takes what you are learning in the MSSC training and applies it to hands on learning at the job site.

The Wisconsin Youth Apprenticeship Program provides students with the opportunity to begin their career while still in high school. Youth Apprentices will:

- Experience first-hand connections between high school education and real life work.
- Apply what you learn in the technical training to “hands-on” learning at the job site.
- Receive a Certificate of Proficiency from the State of Wisconsin.
- Receive advance standing in identified technical college programs.
- Earn a paycheck while learning from skilled professionals.
- Increase career options and future employability

The MSSC will begin your pathway to these career areas and many mores:

- Machinist
- Electronic Technician
- Welder
- Tool & Die Maker
- Mechanical Engineering
- CADD Drafting Technician
- Production Supervisor
- Computer Technicians

Registration Information

Course Location: The course is held at the Madison Area Technical College Truax campus at 3550 Anderson St. in Madison, Wisconsin. Start date for the course is January 30

For more information and to register: See your school to work coordinator, www.dcsc.org or call the Dane County School to Career office at 608 232 2863

Special Assistance: If you have a disability and desire accommodations, please advise us ahead of time. Requests are confidential.

Manufacturing Skills Standard Certification is sponsored by:

- Dane County School to Career
- The Workforce Development Board of South Central Wisconsin
- Madison Area Technical College



MANUFACTURING SKILLS STANDARD CERTIFICATION

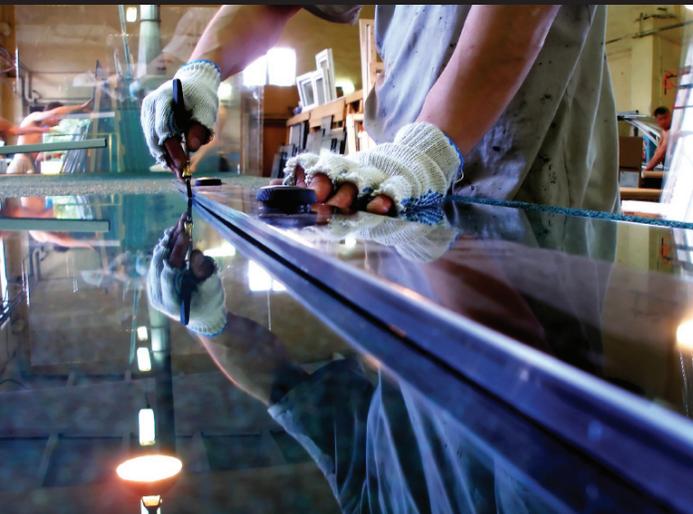


SIGN UP NOW FOR THIS EXCITING NEW PROGRAM

- Opportunity ● Advancement ● Competitive Compensation

AN OPPORTUNITY TO ENTER A SKILLED INDUSTRY

THE MANUFACTURING SKILLS STANDARDS COUNCIL is a nationwide, industry-based skills, standards, assessment and certification program for all sectors of manufacturing that is designed to equip America's workforce with the high performance knowledge and skills necessary to thrive in the modern manufacturing field.



ABOUT THE PROGRAM

MSSC offers complete training to enable workers to build the core knowledge and skills needed for careers in modern manufacturing. Comprehensive courses, certified instructors and excellent reference materials create a valuable training experience that can lead to a steady career in the field. Successfully passing four modular assessments leads to industry-recognized credentials that are valuable to employers all over the country.

Program Schedule

The MSSC training will begin on January 30 from 5:30 to 8:30 at the MATC Truax campus, at 3550 Anderson St, Madison. The training will continue every Wednesday from 5:30 to 8:30 as well as every Friday from 1:30 to 4:00 until June 4.

Program Expectations

Attendance at all of the sessions and a passing grade on each of the four assessment topic tests are required to receive the certification. Upon completion, students can expect:

- Improved career advancement opportunities and earnings because of high performance skills learned in the training
- Improved job security because of demonstrated proficiency in the field
- Flexibility to work all over the country with nationally recognized credentials valuable in all manufacturing sectors and production occupations.

PROGRAM CONTENT

The MSSC certification program uses a blended learning approach that takes advantage of both instructor-led classes and e-learning instruction. It also combines lectures, self-paced studies, online labs, homework, presentations and individual and group activities to help participants develop high performance and in-demand manufacturing skills.

This set of classes provides opportunities for workers and students to build core skills and knowledge needed for high performance manufacturing. The courses examine fundamentals and interrelationships between four key areas of production; manufacturing processes, maintenance awareness, quality and safety. Stepping back and understanding manufacturing as a system helps participants become flexible, learn to evaluate the impact of decisions, solve problems, be innovative and contribute more fully to advanced manufacturing firms.

Students complete training on each of the four areas, and at the end of each area complete an assessment. After completing each of the four assessments, students receive a Production Technician certificate. If a student doesn't pass one of the assessments, they are allowed to re-take them.

AREAS OF ASSESSMENT

Processes and Production

Awareness of customer needs
Resources for production processes
Equipment modes and set up
Equipment monitoring
Inspection to meet specs
Product/process documentation
Product preparation for shipping
Machine automation
Electrical principles
Mechanical principles
Pneumatic pressure and flow
Bearings and couplings
Belt and chain drives

Quality and Improvement

Internal quality audits
Calibration of data equipment
Continuous improvement
Quality test documentation
Maintenance adjustments
Communication of problems
Corrective actions
Recording process outcomes
Quality training

Maintenance Awareness

Preventive maintenance
Routine repair
Indicator monitoring
Equipment maintenance training
Analysis of breakdowns
Alignment checks
Lubrication and coolants
Blueprint reading
Circuit analysis
Tool maintenance
Preventive actions
Verification and documentation

Safety

Creation of a safe workplace
Environmental safety inspections
Emergency drills
Correction of unsafe conditions
Safety orientation training
Safety equipment use
Work environment safety
Safety related maintenance
Equipment monitoring
Operator safety