



Manufacturing Skill Standards Certification (MSSC)

Power up your manufacturing workforce for high performance!

Manufacturing Skill Standards Certification (MSSC) offers complete training that builds core knowledge and skills for careers in modern manufacturing. Comprehensive interactive classes, computer-based tools, certified instructors, and excellent reference materials create a valuable training experience. Successfully passing all four module assessments leads to national industry-recognized credentials that are valuable across the country.

Madison College has FREE MSSC classes!

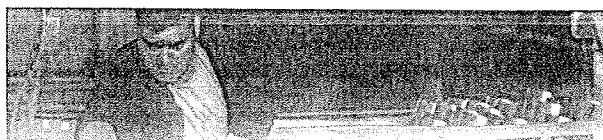
MSSC Class	Dates	Days and Times	Location
Jefferson County			
SPRING 2013 MSSC Quality	Feb 13 th –May 8 th	Wednesdays 3:30PM-6:30PM	Mauneshia Business Center in Waterloo
SPRING 2013 MSSC Safety	Feb 11 th -May 6 th	Mondays 8:00AM-11:00AM	Mauneshia Business Center in Waterloo

Contact Allison at 920-206-8045 or ABatterman@madisoncollege.edu for more information. To register, contact Claudette Zweifel at (608) 243-4466 or CZweifel@madisoncollege.edu.

Visit madisoncollege.org/EDA for more training opportunities!

Madison College MSSC Training Location

EDA Waterloo Mauneshia Business Center
117 East Madison Street
Waterloo, WI



Manufacturing Skills Standard Council (MSSC) Course Descriptions

MSSC Safety

This class prepares individuals to earn the MSSC Safety certification. The learner acquires the skills necessary to provide a safe and productive work environment, ensure the safe use of equipment in the workplace, and communicate safety-related needs. Perform safety and environmental inspections. Perform emergency drills and participate in emergency teams. Identify unsafe conditions and take corrective action. Provide safety orientation for all employees. Train personnel to use equipment safely. Suggest processes and procedures that support safety of work environment. Fulfill safety and health requirements for maintenance, installation, and repair. Monitor safe equipment and operator performance. Utilize effective, safety-enhancing workplace practices.

MSSC Quality Practices and Measurement

This class prepares individuals to earn the MSSC Quality and Continuous Improvement certification. The course examines the systems used to insure production of a quality product within a manufacturing environment. Participate in periodic internal quality audit activities. Check calibration of gages and other data collection equipment. Suggest continuous improvements. Inspect materials and product/process at all stages to ensure they meet specifications. Document the results of quality tests. Communicate quality problems. Take corrective actions to restore or maintain quality. Record process outcomes and trends. Identify fundamentals of blueprint reading. Use common measurement systems and precision measurement tools.

MSSC Manufacturing Processes and Production

This class prepares individuals to earn the MSSC Manufacturing Process and Production certification. The course addresses the manufacturing processes used to build a product from design to delivery into the marketplace. Identify customer needs. Determine resources available for the production process. Set up equipment for the production process. Set team production goals. Make job assignments. Coordinate work flow with team members and other work groups. Communicate production and material requirements and product specifications. Perform and monitor the process to make the product. Document product and process compliance with customer requirements. Prepare final product for shipping or distribution. Prepare final product for shipping or distribution.

MSSC Maintenance Awareness

This class prepares individuals to earn the MSSC Maintenance Awareness certification. The course covers the basic mechanical skills required of technicians in a manufacturing setting. Perform preventive maintenance and routine repair. Monitor indicators to ensure correct operations. Perform all housekeeping to maintain production schedule. 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.

***NEW* MSSC Green Production**

This class prepares individuals to earn the MSSC Green Production certification. Green production is defined as workplace activities across all industries within the manufacturing sector that require the use of equipment, technologies and processes that will improve the environmental performance of manufacturing companies. This course trains workers in environmental issues, how to implement and promote environmental programs, projects, policies or procedures. How to conduct environmental incident and hazard investigations. Conduct preventative environmental inspections. Monitor environmental aspects at each stage of production. Implementing continuous improvement in environmental assurance practices, using advanced material in production to reduce weight and increase life and how to reprocess materials by recycling and reuse throughout the product life cycle to optimize waste reduction.