OVERVIEW
The Industry Readiness Training (IRT) Program is a short-term intensive non-credit training program developed with industry employers to prepare students for entry to mid-level jobs in the local, diverse advanced manufacturing industry.

COURSEWORK
- Basic Machines
- Measurement Techniques
- Electronic Measurement
- Lean/Six Sigma Intro
- Quality/Clean Room Process
- Safety
- Blueprint Reading
- Work Keys
- Success Skills
- Excel Training

CERTIFICATION
- OSHA 10-hour Safety
- National Career Readiness

CAREER OPPORTUNITIES
Students completing the IRT will work with Career Development Counselors to find employment that matches student experience and new skills to local manufacturing opportunities. Past students have gained positions in: Production, Supply Chain Management, Maintenance, Quality Assurance, Logistics & Inventory Control

FAQs
Am I a good fit for the IRT program?
A Career Development Coach will meet with you one-on-one to discuss your interests and skill levels to determine whether or not the training is a good fit for you.

What is the cost? The training is free to qualified individuals.

When will the next session begin? New classes begin every 8 weeks.

How long is the training? The training runs for 6 weeks, Mon-Thurs from 8:30a-4:00p

Do I need to take an admission test? You will take the Work Keys assessment, which is an adaptive assessment that will gauge your proficiency in reading, math and locating information.

I currently receive unemployment benefits. How will this affect the process? You will want to speak with your Career Counselor to determine whether or not you are eligible for the Section 30/TOP program. Either way, you are still eligible to enroll in the training.

Contact Us
978-630-9883
mwcc.edu/advancedmanufacturing

This program is sponsored by a $15.9 million grant from the U.S. Department of Labor, Employment and Training Administration. The AMMQC program is an Equal Opportunity program. Adaptive equipment is available upon request for individuals with disabilities.
Industry Readiness Training (IRT)

This program is designed to provide skills necessary to become employed in the areas of Production, Manufacturing Production, Maintenance, Installation and Repair, Quality Assurance, Logistics and Inventory Control and Environmental Assurance. Successful students will attain OSHA 10-hour Safety Certification and National Career Readiness through WorkKeys ®.

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<tr>
<th>Content Area</th>
<th>Overview</th>
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<tbody>
<tr>
<td>Computer Skills</td>
<td>Student expertise with computers is evaluated and additional instruction is provided to familiarize less experienced students with computers. Microsoft Office presented, with emphasis placed on gaining experience understanding and using MS Excel.</td>
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<tr>
<td>Safety</td>
<td>Industrial safety, lab safety</td>
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<td>Blueprint Reading</td>
<td>Topics include: Introduction to Print Reading; Sketching; Scales &amp; Measurement; Reading Lines and Lettering; Reading Multi-view Drawings; Processes; Geometric Dimensioning and Tolerancing; Reading Prints of Working and Pictorial Manufacturing Drawings.</td>
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<tr>
<td>Mechanical / Machines</td>
<td>Fundamentals of mechanical advantage and timing.</td>
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<td>Measurements</td>
<td>The importance of measurements and understanding measurement tolerance, uncertainty and precision is discussed and tools used in class.</td>
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<tr>
<td>Electronics</td>
<td>Presentation of the nomenclature, schematics and basic electronic circuit theory required to perform fundamental electronic measurements.</td>
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<tr>
<td>Quality Systems / Metrology</td>
<td>Discussion of ISO and FDA GMP standards presented. Quality Assurance, Quality Control and Documentation functions discussed. Discussion of Metrology including calibration principles and related topics.</td>
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<tr>
<td>Introduction to Lean Processes, Six Sigma, Supply Chain Management</td>
<td>Familiarization with Lean Process improvement tools and how they work with Six Sigma quality measures and Supply Chain concepts.</td>
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<td>Project Based Learning</td>
<td>Using the skills acquired through IRT coursework, students work in small groups to complete projects.</td>
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<td>Career Ready 101</td>
<td>Competencies in Reading for Information, Locating Information, and Applied Mathematics are improved through on-line and self-paced learning. Instructors are present during some of the scheduled computer time to facilitate student progression towards completion of the National Career Readiness Certificate.</td>
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<td>Workplace Success</td>
<td>Students work with trained staff in a classroom environment on topics that include Communication for Business Success, Goal Setting and Attainment, Critical Thinking Skills, Stress Management, Resume &amp; Cover Letter Building, Interview Skills and Team Building.</td>
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