ECONOMIC AND WORKFORCE DEVELOPMENT





Certified Manufacturing Associate
Integrated Education and Training Program

Program Partners







Outline for today's session

- Manufacturing basics
- Training program basics and expectations
- OCC technical components
- Program certifications
- OLC Workforce and English components
- Support for Success
- Funding through Oakland County Michigan Works
- Next steps
- Questions?

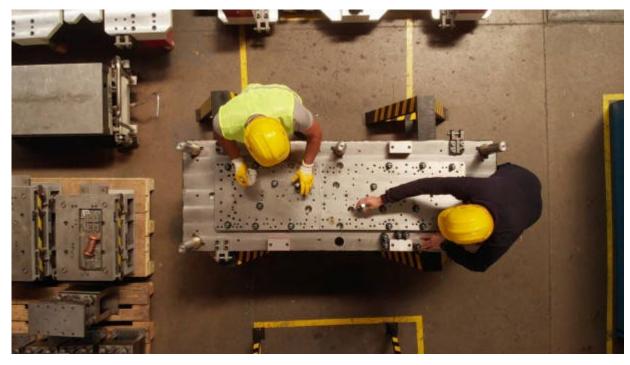
What is manufacturing?

Manufacturing is the process of turning material into finished products using machinery, labor, and tools.

Certified Manufacturing Associate

Types of jobs include:

- Warehouse worker
- Assembler
- Quality control inspector
- Manufacturing technician
- Entry level positions ONLY



Top Manufacturing Industries

Some of the top manufacturing industries in Michigan include:

- Automotive
- Aerospace
- Technology
- Industrial



Training Program - Basics

- Includes job training, job/workforce prep, and English for the Workforce
- Next class: March 10

 June 12, 2025
- 14 weeks
- Auburn Hills campus
- Class Meeting Times: 5pm-9pm
- Small class size: 10 students
- Cost: FREE to those who qualify; support for childcare and transportation



Training Program - Expectations

- Commitment to training
- Attendance
- Participation
- Study time
- Participation
- Work towards certification



Training Program

Format

- 4-8 hours per week of classroom instruction
- 4 hours per week of lab practice
- 4 hours per week of workforce skills and English





Certified Manufacturing Associate

Program Components/Modules

- Introduction to CNC Machines
- Introduction to Robotics
- Introduction to Assembly
- Introduction to Additive Manufacturing
- Tools for Threaded Fasteners
- Lean Manufacturing Overview
- Quality Overview
- Troubleshooting
- Blueprint Reading
- Basic Measurement
- Units of Measurement
- Math Fundamentals

- Math: Fractions and Decimals
- Basics of Tolerance
- Intro to OSHA
- Personal Protective Equipment
- Hand and Power Tool Safety
- Fire Safety & Prevention
- Bloodborne Pathogens
- Safety for Assembly
- Robot Safety
- Lockout/Tagout Procedures
- SDS and Hazard Communication

Program Certifications

Certified Manufacturing Associate

- OSHA 10 certification
- Society of Manufacturing Engineers certification
- OCC Certificate of Completion



EARN CERTIFICATIONS

Workforce Skills

- Attendance, punctuality, organization, initiative
- Team and group work
- Problem solving
- Job interview skills and mock interviews
- Workplace communication: teams, meetings, and supervisors
- Guest speakers from industry
- Tour of a manufacturing facility





English for the Workforce

Helping you find your voice

- Focus on personal goal setting
- Individual instruction and feedback on grammar and speaking skills
- Review of manufacturing content and vocabulary
- Language of meetings and workplace email
- Highly interactive: role plays and presentations

Boost confidence to start your career!





Support for Success

This course will:

- Help you review for the CMA certification exam
- Give you workforce skills, general knowledge of manufacturing and English for the workplace
- Provide opportunities for you to meet with industry guest speakers who may be potential employers
- Prepare you for job interviews

While a job is not guaranteed, you will have the tools and confidence you need to search for the job you want!

Funding



Federal Workforce Innovation and Opportunity Act

FUNDING FOR TRAINING PROGRAMS

Oakland County Michigan Works!— Eligibility For Funding and Taking this Course

- U.S. citizen or an eligible non-citizen with work authorization
- CASAS testing- Intermediate level in English(reading/listening) and Math
- 18 years-of-age or older
- Registered with Selective Service
- Pass a background check and drug test
- Interest in starting a career in manufacturing

FUNDING FOR TRAINING PROGRAMS

Oakland County Michigan Works! - Documentation Required

- Drivers License or State ID Card
- Social Security Card
- Proof of Citizenship (US Birth Certificate, US Passport or Proof of Naturalization)
- Food or cash assistance documentation
- DD-214 (Veterans will receive priority of service)
- Proof of unemployment benefits payment (if applicable)
- Current paystub (if applicable)

Michigan Works! Oakland County Contacts

OaklandCountyMIWorks.com

Pontiac Office:

Summer Capitan

Oakland County Michigan Works!

1850 N. Perry

Pontiac, MI 48340

Phone: 248-276-1756

Email: Summer.Capitan@GoodwillDetroit.org

Southfield Office:

Holly Bergstrom

Oakland County Michigan Works!

21415 Civic Center Dr., Suite 116

Southfield, MI 48076

Phone: 248-796-4589

Email: Hbergstrom@CityofSouthfield.com

Next Steps

If you are interested in starting a career in manufacturing, following are the next steps:



- 1. Open this QR code to fill out a form about your interest in a career in manufacturing and this program, and your contact information
- 2. Oakland Literacy Council will contact you to schedule English and math tests, and a personal interview
- 3. You will be directed to Michigan Works to fill out necessary paperwork

Thank you for your interest. Questions?

Contact us!



248-253-1617

info@oaklandliteracy.com