

FWD»CENTER

FINGER LAKES WORKFORCE DEVELOPMENT CENTER

Class Location:

FWD Center
321 State St, 5th and 6th Floor
Rochester, NY 14608

To learn more about the FWD Center visit www.FWD-Center.com.



Registration Deadline: December 31, 2022:

- Register online at: FWD-Center.com/program
- By phone: 585-685-6FWD (6393)

Questions? Please contact Jodell Raymond at (585) 685-6215 or jraymond@monroecc.edu.

Skilled Trades courses will be offered in-person.

To participate in in-person learning, students must be fully vaccinated against COVID-19 (i.e., complete a one or two shot series depending on the vaccine) plus get a COVID-19 booster once you are eligible. Students who are not fully vaccinated will not be allowed to participate in these courses.

Monroe Community College is following the New York State-mandated directive for all students attending in-person classes on campus, to submit proof of a COVID-19 Vaccination via email at: corporatecollege@monroecc.edu.

Other Degrees

MONROE COMMUNITY COLLEGE ALSO OFFERS DEGREE PROGRAMS FOR SEVERAL SKILLED TRADES:

- **Heating, Ventilation, and Air Conditioning A.A.S.**
Provides a well-rounded education in HVAC technology and a thorough understanding of the theory and applications for systems operation.
- **Solar Thermal Technology Certificate**
Gain essential information and training to install and work with solar thermal systems including: fundamentals of collecting and transferring solar heat.
- **Construction Technologies A.A.S.**
Our construction technology degree offers a practical introduction to all aspects of construction management, including hands-on experience with the most current construction technology.

TO LEARN MORE ABOUT THESE DEGREE PROGRAMS GO TO WORKFORCEFORWARD.COM/DEGREES.



Economic & Workforce Development Center

MCC'S DOWNTOWN CAMPUS
321 STATE STREET



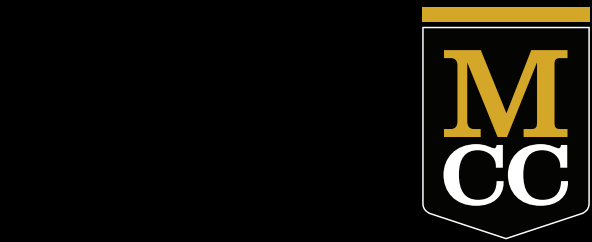
Economic & Workforce Development Center

MONROE COMMUNITY COLLEGE

1000 East Henrietta Rd.
Rochester, NY 14623



SKILLED TRADES / ADVANCED MANUFACTURING &
INDUSTRY 4.0 TECHNOLOGIES | SPRING/SUMMER 2023



SKILLED TRADES / ADVANCED MANUFACTURING &
INDUSTRY 4.0 TECHNOLOGIES | SPRING/SUMMER 2023

Increase Your Skill & Your Potential

Electrical • Pipefitting • Plumbing • Sprinkler Fitting



Economic & Workforce Development Center

MONROE COMMUNITY COLLEGE



Construction Core

These 99-hour training programs are focused on building your skills. If you are currently participating in a NYSDOL registered apprenticeship program in the trades, this credit can be applied to your program.

PROJECT SUPERVISION

Project supervision topics of study will include effective communication skills, introduction to leadership skill development, key elements of an effective safety program, scheduling work and resource control.
JAN. 23 – MAY 25, 2023
LOCATION: ONLINE
COST \$1,100

CONSTRUCTION ESSENTIALS

This course provides the fundamental skills required in the Construction Trades. Topics include basic construction, construction safety, practical math as applied to the construction trades, introduction to blueprint reading, basic rigging, and introduction to hand and power tools.
JAN. 23 – MAY 25, 2023 | 5:30PM-8:30PM | T & TH
LOCATION: FWD CENTER, 321 STATE ST, ROCHESTER, NY 14608
COST \$1,100

Electrician

Each semester of electrical training provides 99 hours of classroom training, 21 of which are National Electrical Code (NEC) related instruction. If you are currently participating in a NYSDOL registered apprenticeship program in the trades, this credit can be applied to your program.

ELECTRICAL THEORY & DEVICES (LEVEL 1B)

This course provides an overview to the electrical trade, electrical safety, and electrical circuits and theory. Participants will be introduced to the National Electrical Code (NEC); device boxes; raceways and fittings; conductors and cables; basic electrical construction drawings; residential electric services; and electrical test equipment.
JAN. 18 – MAY 24, 2023 | 5:30PM-8:30PM | M & W
LOCATION: FWD CENTER, 321 STATE ST, ROCHESTER, NY 14608
COST \$1,100

CONDUCTOR INSTALLATION & DEVICES (LEVEL 2B)

This course teaches about alternating current, AC & DC Motors; handling and installation of lighting fixtures; how to bend conduit; selecting and sizing junction boxes; procedures for cables pulls in raceways and cable trays; National Electrical Code (NEC) requirements.
JAN. 18 – MAY 24, 2023 | 5:30PM-8:30PM | M & W
LOCATION: FWD CENTER, 321 STATE ST, ROCHESTER, NY 14608
COST \$1,100



INTRODUCTION TO MOTOR CONTROLS (LEVEL 3B)

Course introduces participants about conductor storage, set up, transportation and installation; procedures for cable pulls in raceways and cable trays. National Electrical Code (NEC) requirements including modifications and installations.
JAN. 18 – MAY 24, 2023 | 5:30PM-8:30PM | M & W
LOCATION: FWD CENTER, 321 STATE ST, ROCHESTER, NY 14608
COST \$1,100

MOTOR CONTROLS APPLICATION (LEVEL 4A)

This course will learn motor operation and preventative maintenance; troubleshooting procedures; solid-state controls; commercial/industrial lighting; National Electrical Code (NEC) for special locations; basic overview HVAC systems; specialty transformers.
JAN. 18 – MAY 24, 2023 | 5:30PM-8:30PM | M & W
LOCATION: FWD CENTER, 321 STATE ST, ROCHESTER, NY 14608
COST \$1,100

Pipe Trades

These 116-hour training programs are focused on building your skills. If you are currently participating in a NYSDOL registered apprenticeship program in the trades, this credit can be applied to your program.

INTRO TO PLUMBING (LEVEL 1B)

This course covers the proper applications of code-approved fixtures in plumbing installations; introduction to Drain, Waste, and Vent (DWV) systems, functions and components; identifies major components of water distribution systems and their function.
JAN. 17 – MAY 25, 2023 | 5:30PM-8:30PM | T & TH
LOCATION: FWD CENTER, 321 STATE ST, ROCHESTER, NY 14608
COST \$1,100

PLUMBING-DRAWINGS & SYSTEMS (LEVEL 2B)

This course teaches the proper techniques for installing and testing water systems; installation of basic fixtures; installing various water heaters; and an introduction to the principles of electricity.
JAN. 17 – MAY 25, 2023 | 5:30PM-8:30PM | T & TH
LOCATION: FWD CENTER, 321 STATE ST, ROCHESTER, NY 14608
COST \$1,100

PLUMBING (LEVEL 3)

Course content includes applied math; sizing water supply systems; how to treat water supply systems; types of backflow prevention devices; sizing DWV and storm systems; sewage pumps and sump pumps; corrosive-resistant waste wiping; principles of compressed air systems.
JAN. 17 – MAY 25, 2023 | 5:30PM-8:30PM | T & TH
LOCATION: FWD CENTER, 321 STATE ST, ROCHESTER, NY 14608
COST \$1,100

PLUMBING (LEVEL 4)

Course content includes Business Principles, Water Pressure Booster; Codes, Private Water Supply Systems, Specialized Plumbing Applications.
JAN. 17 – MAY 25, 2023 | 5:30PM-8:30PM | T & TH
LOCATION: FWD CENTER, 321 STATE ST, ROCHESTER, NY 14608
COST \$1,100

PIPEFITTING (LEVEL 3)

This course covers rigging practices; pipefitting standards, codes and specifications; trade math; above ground pipe installation, hangers and supports; how to test piping systems, such as service flow test and hydrostatic tests.
JAN. 17 – MAY 25, 2023 | 5:30PM-8:30PM | T & TH
LOCATION: FWD CENTER, 321 STATE ST, ROCHESTER, NY 14608
COST \$1,100



Property Maintenance

This 99-hour training program is focused on building skills in specific areas. If you are currently participating in NYSDOL registered apprenticeship program in the trades, this credit can be applied to your program.

PROPERTY MAINTENANCE PROGRAM

This course provides the basic information and requirements needed to achieve entry level workplace success in the property maintenance industry.
JAN. 17 – APR. 21, 2023 | 8:00AM-12:00PM | M, T, W & TH
LOCATION: FWD CENTER, 321 STATE ST, ROCHESTER, NY 14608
COST \$1,100

FWD»CENTER

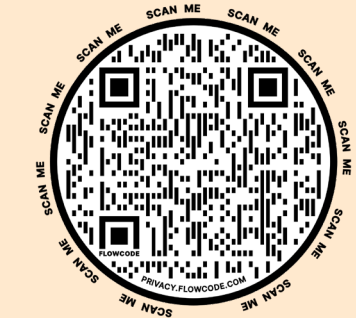
FINGER LAKES WORKFORCE DEVELOPMENT CENTER

The FWD Center is a new state-of-the-art, 50,000 square-foot facility, located on the 5th and 6th floors of MCC's downtown campus. The training center is designed to focus on rapid training, retraining and upskilling of technical middle-skilled workers that continue to be needed as technicians by local employers.

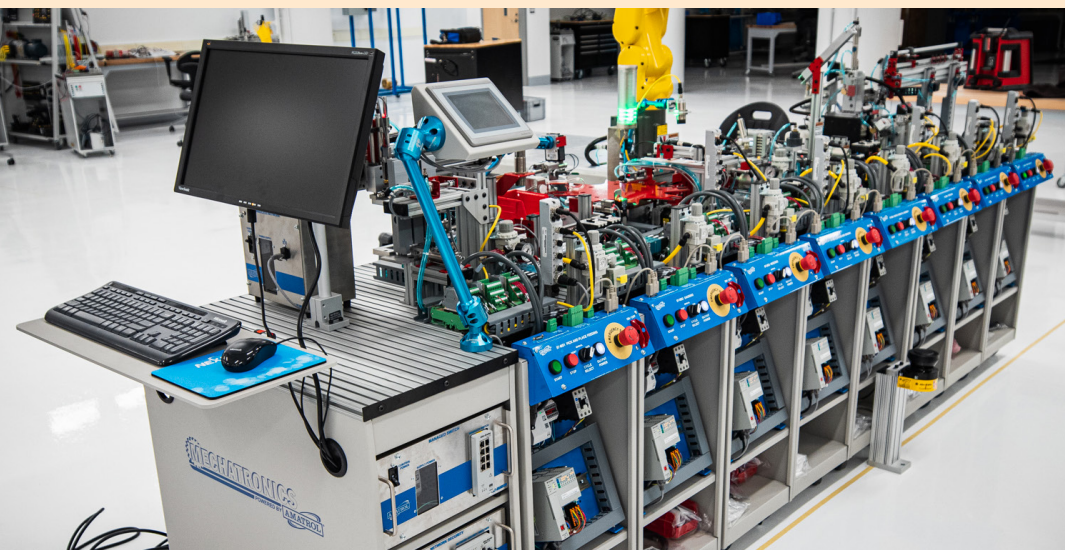
With a focus on short-term and accelerated training programs in technology-oriented careers and Industry 4.0 skill-sets, programming at the FWD Center links education with the evolving demands of the regional workforce.

The FWD Center offers programming in:

- INDUSTRY 4.0 TECHNOLOGY
- AUTOMATION
- INDUSTRIAL AUTOMATION
- ROBOTICS
- MECHATRONICS
- INFORMATION TECHNOLOGY
- SKILLED TRADES
- INDUSTRIAL-FOCUSED SMART TECHNOLOGIES
- PROCESS CONTROLS

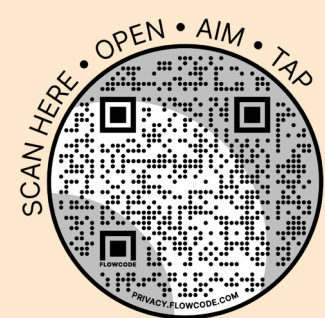


For more information contact
Tim Gleba at 585-685-6238 or
tgleba@monroecc.edu



Registration available online at
www.FWD-Center.com/program

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www.FWD-Center.com/program



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Jodelle Raymond at 585-685-6215 or
jraymond@monroecc.edu