

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: Friday, July 28, 2023:

- Register online at: workforceforward.com/SkilledTrades
- By phone: 585.685.6004

Questions? Please contact Jodell Raymond at 585.685.6215 or jraymond@monroecc.edu for more information.

Online, self-paced, career-focused English language lessons are available for English Language Learners (ELLs) enrolled or interested in Career & Technical Education (CTE) for Skilled Trades.

Requirements: Intermediate level English, enrolled or interested in an MCC CTE program, 5-week commitment of at least 100 minutes per week, access to a computer with speakers or cell phone.

Cost: No cost to participate

Contact 585.685.6215 or Jraymond@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



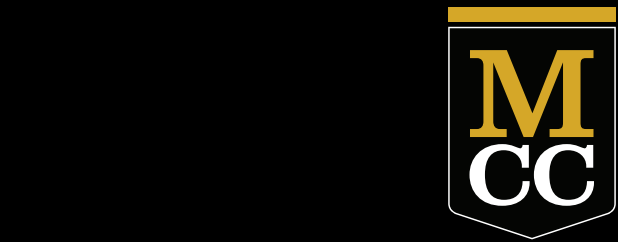
Economic & Workforce Development Center

MONROE COMMUNITY COLLEGE

1000 East Henrietta Rd.
Rochester, NY 14623



SKILLED TRADES
APPRENTICESHIP RELATED INSTRUCTION | FALL 2023



SKILLED TRADES
APPRENTICESHIP RELATED INSTRUCTION | FALL 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.

WPSU 100 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.
AUG. 29-DEC. 14, 2023
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR
COST: \$1,100

WCON 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.
SEPT. 6-DEC. 15, 2023, T & TH, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR
COST: \$1,100

Electrician

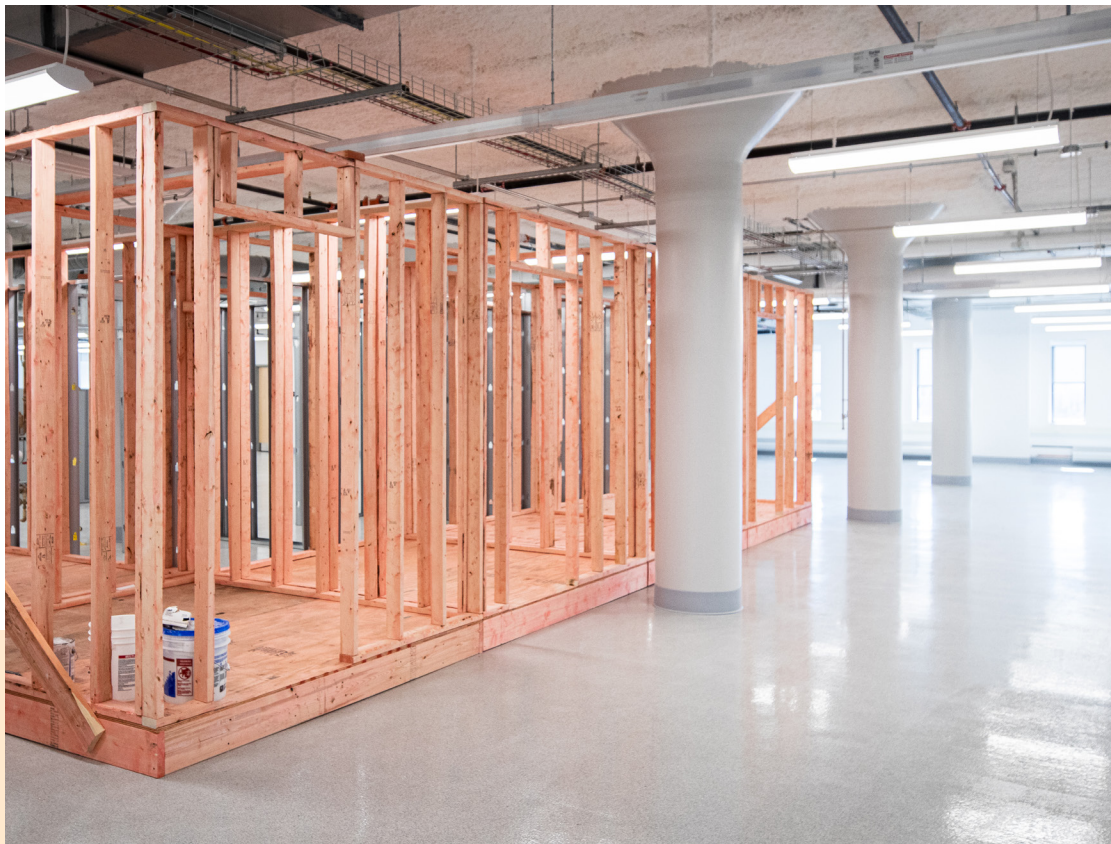
Each semester of electrical training provides 99 hours of classroom training, 21 of which are National Electrical Code (NEC) related instruction. If you are currently participating in a NYSDOL registered apprenticeship program in the trades, this credit can be applied to your program.

WELC 101 ELECTRICAL THEORY & DEVICES (LEVEL 1A)

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).
AUG. 28-DEC. 13, 2023, M & W, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR
COST: \$1,100

WELC 201 CONDUCTOR INSTALLATION & DEVICES (LEVEL 2A)

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.
AUG. 28-DEC. 13, 2023, M & W, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR
COST: \$1,100



WELC 301 INTRODUCTION TO MOTOR CONTROLS (LEVEL 3A)

Course introduces participants to troubleshooting various types of lighting controls; NEC requirements for equipment in hazardous locations; size and select circuit breakers and fuses; installation and grounding of switchboards and switchgear.
AUG. 30-DEC. 13, 2023, M & W, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR
COST: \$1,100

WELC 401 MOTOR CONTROLS APPLICATION (LEVEL 4A)

This course covers load calculation procedures; installation of electrical circuits; NEC requirements for electric generators and storage batteries, fire alarm systems and specialty transformers.
AUG. 30-DEC. 13, 2023, M & W, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR
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.

WPLU 101 INITRO TO PLUMBING (LEVEL 1A)

This course covers the introduction to plumbing. It will cover safety, tools, math and drawings. Also various types of pipes and fittings.
AUG. 29-DEC. 14, 2023, T & TH, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR
COST: \$1,100

WPLU 201 PLUMBING-DRAWINGS & SYSTEMS (LEVEL 2A)

This course covers plumbing and pipe drawings and detail sheets; valve installation; installing drains. You will also be exposed to drain, waste and vent (DWV) piping; pipe hangers and supports; and system testing.
AUG. 29-DEC. 14, 2023, T & TH, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR
COST: \$1,100

WPLU 300 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.
AUG. 29-DEC. 14, 2023, T & TH, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR
COST: \$1,100



FWD»CENTER

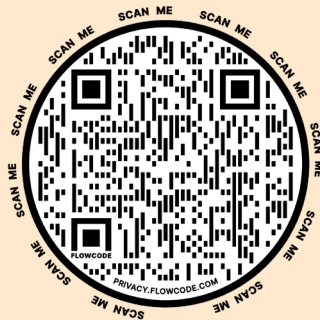
FINGER LAKES WORKFORCE DEVELOPMENT CENTER

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.

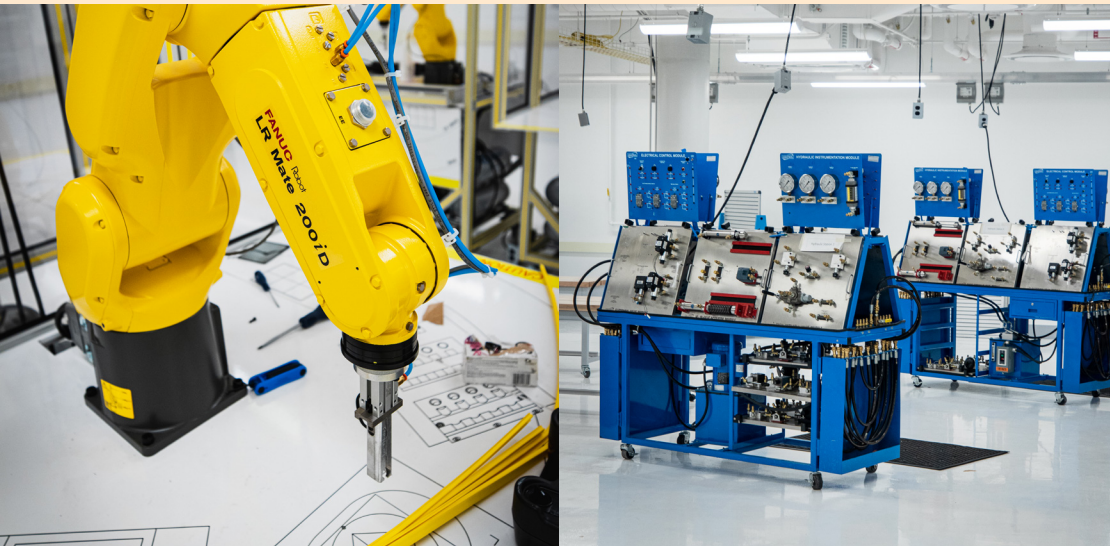
With a focus on short-term and accelerated training programs in technology-oriented careers and Industry 4.0 skill-sets, programming at the FWD Center links education with the evolving demands of the regional workforce.

The FWD Center offers programming in:

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

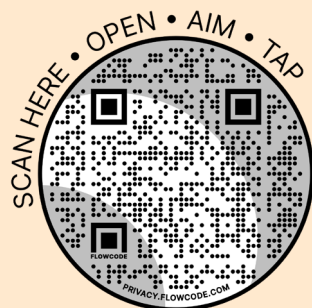


For more information contact
Ken Nowicki at 585.685.6172 or
knowicki@monroecc.edu



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

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www.FWD-Center.com/program



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