

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 29, 2022:

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

Questions? Please contact John Troy at 585.685.6172 or jtroy@monroecc.edu for more information.

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



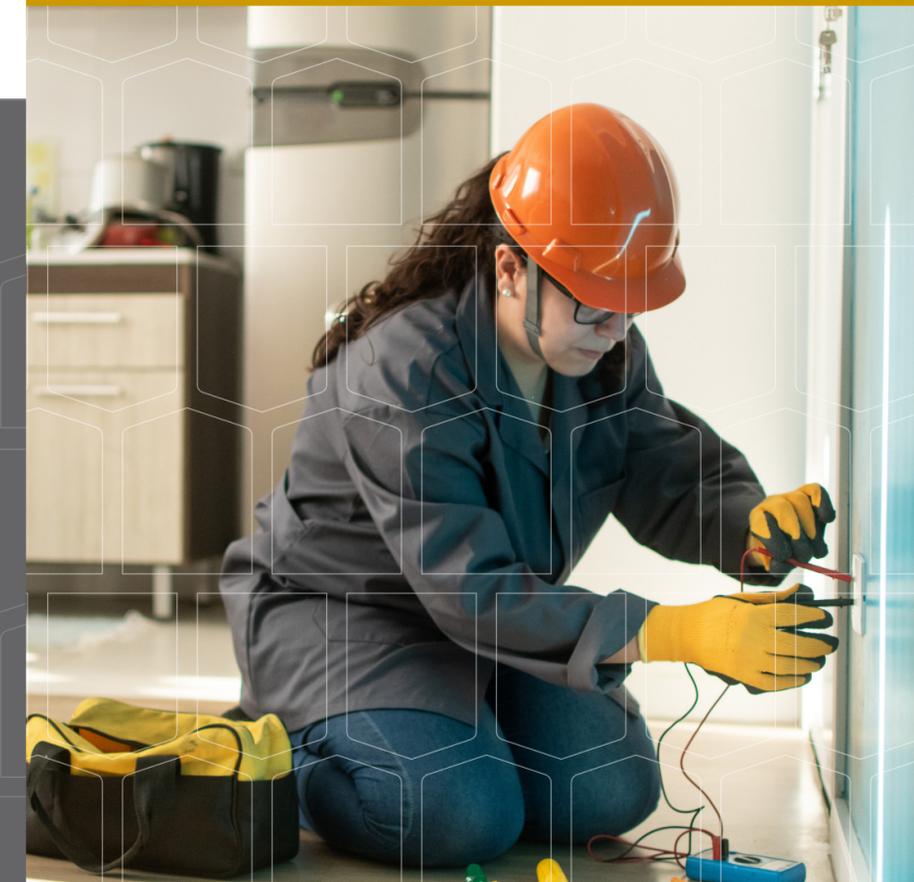
SKILLED TRADES
APPRENTICESHIP RELATED INSTRUCTION | FALL 2022



SKILLED TRADES
APPRENTICESHIP RELATED INSTRUCTION | FALL 2022

Increase Your Skill & Your Potential

Electrical • Pipefitting • Plumbing • Sprinkler Fitting



Economic & Workforce
Development Center

MONROE COMMUNITY COLLEGE



Electrician

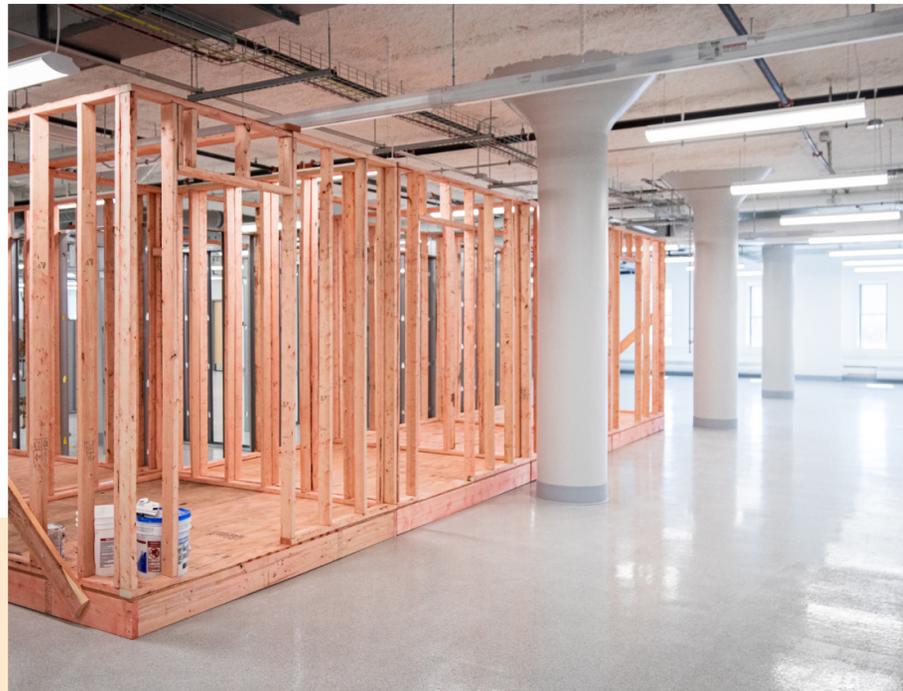
Each semester of electrical training provides 99 hours of classroom training, 21 of which are National Electrical Code (NEC) related instruction. If you are currently participating in a NYSDOL registered apprenticeship program in the trades, this credit can be applied to your program.

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).
SEPT. 8-DEC. 15, 2022, T & TH, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR ROOM 5500
COST: \$1,050 / INSTRUCTOR: SHANNON WRIGHT

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.
SEPT. 7-DEC. 14, 2022, M-W, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR ROOM 5500
COST: \$1,050 / INSTRUCTOR: SHANNON WRIGHT



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.
SEPT. 7-DEC. 14, 2022, M & W, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR ROOM 5500
COST: \$1,050 / INSTRUCTOR: ANTOHONY DEBONA

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.
SEPT. 7-DEC. 14, 2022, M & W, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR ROOM 5500
COST: \$1,050 / INSTRUCTOR: RICHARD COOPER

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. 30-DEC. 15, 2022, T & TH, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR ROOM 5500
COST: \$1,050 / INSTRUCTOR: DEAN LOCKE

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. 30-DEC. 15, 2022, T & TH, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR ROOM 5500
COST: \$1,050 / INSTRUCTOR: WAYNE BEYERS

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. 30-DEC. 15, 2022, T & TH, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR ROOM 5500
COST: \$1,050 / INSTRUCTOR: TBD

WPIP 300 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.
AUG. 30-DEC. 15, 2022, T & TH, 5:30PM-8:30PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR ROOM 5500
COST: \$1,050 / INSTRUCTOR: JOSEPH GIANNOCCARO



Property Maintenance

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.

WPMT 101 PROPERTY MAINTENANCE PROGRAM

The course provides the basic information and requirements needed to achieve entry level workplace success in the property maintenance industry.
AUG. 29-NOV. 25, 2022, M,T,W,TH, 8:00AM-12:00PM
LOCATION: FWD CENTER, 321 STATE STREET, 5TH FLOOR ROOM 5500
COST: \$2,800 / INSTRUCTOR: DEAN LOCKE

FWD CENTER

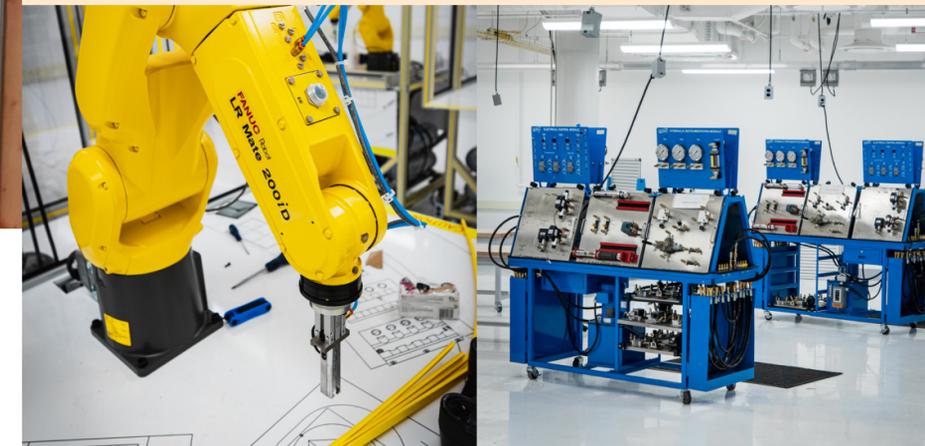
FINGER LAKES WORKFORCE DEVELOPMENT CENTER

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



Register online at:
workforceforward.com/SkilledTrades



For more information contact
 John Troy at 585.685.6172 or
jtroy@monroec.edu

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