

Mail-In Registration Form

Please complete the mail-in registration form below, and include a check made payable to Monroe Community College OR use the credit card authorization below. Please contact John Troy at 585.685.6172 for more information.

MAIL TO: MCC Economic and Workforce Development Center
321 State St., 7th Floor, Rochester, NY, 14608-1849

Name _____ DOB _____

Address _____

City _____ State _____ Zip _____

Email _____

Phone: Day _____ Evening _____

Employer _____

Who will be paying for the course(s) selected? (Please check one)
 I am paying for the training My employer is paying for the training
 Course fee is being paid by a different source _____

| Course No. | Course Name | Cost |
|------------|---|--|
| WBUS 213 | Geometric Dimensioning and Tolerancing Section Oct 30 - Nov 20, 2020 Fridays Section Dec 14, 15, 16, 17, 2020 | <input type="radio"/> \$299 <input type="radio"/> \$299 |
| WBUS 214 | Geometric Dimensioning and Tolerancing - Intermediate | <input type="radio"/> \$159 |
| WCON 100 | Construction Essentials | <input type="radio"/> \$950 |
| WELC 101 | Electrical Theory and Devices (Level 1A) | <input type="radio"/> \$950 |
| WELC 201 | Installation and Devices (Level 2B) | <input type="radio"/> \$950 |
| WELC 301 | Introduction to Motor Controls (Level 3A) | <input type="radio"/> \$950 |
| WELC 401 | Motor Control Application (Level 4A) | <input type="radio"/> \$950 |
| WPLU 101 | Plumbing - Intro to Plumbing (Level 1A) | <input type="radio"/> \$950 |
| WPLU 201 | Plumbing - Drawings and Systems (Level 2A) | <input type="radio"/> \$950 |
| WPLU 300 | Plumbing (Level 3) | <input type="radio"/> \$950 |
| WSPU 100 | Project Supervision | <input type="radio"/> \$950 |
| WSPK 100 | Sprinkler Fitting - Introduction to Piping Systems (Level 1) | <input type="radio"/> \$950 |
| WSPK 201 | Sprinkler Fitting - Basic Skills (Level 2A) | <input type="radio"/> \$950 |
| WSPK 402 | Sprinkler Fitting - Documentation (Level 4B) | <input type="radio"/> \$950 |

Charge Authorization

I authorize you to charge my: Visa Mastercard Discover Card

\$ _____ Acct. No. _____ Exp. Date _____

Cardholder's Name _____

Cardholder's Signature _____

Monroe Community College prohibits discrimination based on race, color, religion, sex, sexual orientation, pregnancy, familial status, gender identity or expression, age, genetic information, national or ethnic origin, physical or mental disability, marital status, veteran status, domestic violence, victim status, criminal conviction, or any other characteristic or status protected by state or federal laws or College policy in admissions, employment, and treatment of students and employees, or in any aspect of the business of the College. Inquiries regarding the application of Title IX and other laws, regulations and policies prohibiting discrimination may be directed to MCC's Civil Rights Compliance Coordinators: Shannon Glasgow, coordinator (585-292-2108/sglasgow@monroecollege.edu) or Melissa Fingar, Esq., assistant coordinator (585-292-2117/mfingar@monroecollege.edu) at Monroe Community College, 1000 East Henrietta Road, Rochester, NY 14623.

Other Degrees

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

- **Mechatronics Certificate**
Prepare for positions that involve the operation and maintenance of electro-mechanical-computer controlled systems commonly found in automated manufacturing environments.
- **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.
- **Precision Machining A.A.S. and Certificate**
Gain the skills for a career in the precision metal working industry, such as, mold making, machine building, tool making, die making, CNC machining, and other manufacturing areas.
- **Precision Machining: Optical Fabrication Certificate**
Optical fabrication is the manufacturing of optical components used in cameras, lasers, fiber optics, and digital imaging.
- **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.

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



Economic & Workforce Development Center

MCC'S DOWNTOWN CAMPUS
321 STATE STREET
7TH FLOOR



Economic & Workforce Development Center

MONROE COMMUNITY COLLEGE

1000 East Henrietta Rd.
Rochester, NY 14623



SKILLED TRADES
APPRENTICESHIP RELATED INSTRUCTION | FALL 2020

Registration available online at
workforceforward.com/SkilledTrades

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



SKILLED TRADES
APPRENTICESHIP RELATED INSTRUCTION | FALL 2020

Increase Your Skill & Your Potential

Electrical • Pipefitting • Plumbing • Sprinkler Fitting



Economic & Workforce Development Center

MONROE COMMUNITY COLLEGE

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: PLUMBING – INTRO TO PLUMBING (LEVEL 1A)

This course is an introduction to plumbing. It will cover safety, tools, math and drawings.

Also various types of pipes and fittings.

SEP 1 - DEC 12, 2020 TU & TH 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615, (KODAK CENTER) ROOM: SB3

COST: \$950 INSTRUCTOR: DEAN LOCKE

WPLU 201: PLUMBING – DRAWINGS AND SYSTEMS (LEVEL 2A)

In this course, you will cover plumbing and pipe drawings and detail sheets; trade related mathematic; valve installation; installing drains. You will also be exposed to drain, waste and vent (DWV) piping; pipe hangers and supports; and system testing.

SEP 1 - DEC 17, 2020 TU & TH 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615, (KODAK CENTER) ROOM: SB4

COST: \$950 INSTRUCTOR: WAYNE BEYERS

WPLU 300: PLUMBING (LEVEL 3)

Course content includes, applied math; sizing water supple systems; how to treat water supply systems; types of backflow prevention devices; sizing DMV and storm systems; sewage pumps and sump pumps; corrosive-resistant waste wiping; principles of compressed air systems.

SEP 1 - DEC 17, 2020 TU & TH 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615 (KODAK CENTER) ROOM: SB2A

COST: \$950 INSTRUCTOR: MARCUS PARKER

WSPK 100: SPRINKLER FITTING - INTRODUCTION TO PIPING SYSTEMS (LEVEL 1)

In this course you will learn the components and systems used by sprinkler fitters, the types of pipe, and piping systems.

SEP 8 - DEC 17, 2020 TU & TH 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615 (KODAK CENTER) ROOM: SB1

COST: \$925 INSTRUCTOR: JOHN SPRANDEL

WSPK 201: SPRINKLER FITTING - BASIC SKILLS (LEVEL2A)

In this course, you will learn basic trade math and shop drawings; proper technique for hanging pipe using supports and guides; and types of valves and applications.

SEP 8 - DEC 17 TU & TH 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615 (KODAK CENTER) ROOM: SB1

COST: \$950 INSTRUCTOR: JOHN SPRANDEL

WSPK 402: SPRINKLER FITTING - DOCUMENTATION (LEVEL 4B)

In this course you will learn about the importance of proper documentation to ensure correct installation; roles of supervision and safety; review of sprinkler fitting concepts and work processes.

SEP 8 - DEC 17, 2020 TU & TH 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615 (KODAK CENTER) ROOM: SB1

COST: \$950 INSTRUCTOR: JOHN SPRANDEL

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: THEORY AND DEVICES (LEVEL 1A)

This course will provide an overview to the electrical trade, electrical safety, and electrical circuits and theory. You will also be introduced to the National Electrical Code (NEC).

SEP 7 - DEC 18, 2020 M & W 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615, (KODAK CENTER) ROOM: SB1

COST: \$950 INSTRUCTOR: ROBERT POLLOTTA

WELC 201: CONDUCTOR INSTALLATION AND DEVICES (LEVEL 2A)

This course will teach you 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 raeways and cable trays; National Electrical Code (NEC) requirements.

SEP 7 - DEC 18, 2020 M & W 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615, (KODAK CENTER) ROOM: SB4

COST: \$950 INSTRUCTOR: SHANNON WRIGHT

WELC 301: INTRODUCTION TO MOTOR CONTROLS (LEVEL 3A)

You will be introduced 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.

SEP 7 - DEC 16, 2020 M & W 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615, (KODAK CENTER) ROOM: SB1

COST: \$950 INSTRUCTOR: ANTHONY DEBONA

WELC 401: MOTOR CONTROLS APPLICATION (LEVEL 4A)

You will learn basic load calculation procedures; installation of electrical circuits in health care facilities; NEC requirements for electrical generators and storage batteries. Also an introduction to electronic theory, fire alarm systems and specialty transformers.

SEP 7 - DEC 16, 2020 M & W 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615, (KODAK CENTER) ROOM: SB3

COST: \$950 INSTRUCTOR: RICHARD COOPER

Construction Trades

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

This course is designed for the first level supervisor or new site superintendent. 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.

SEP 7 - DEC 16, 2020 M & W 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615, (KODAK CENTER) ROOM: SB2A

COST: \$950 INSTRUCTOR: JOEL SASSO

WCN 100: CONSTRUCTION ESSENTIALS

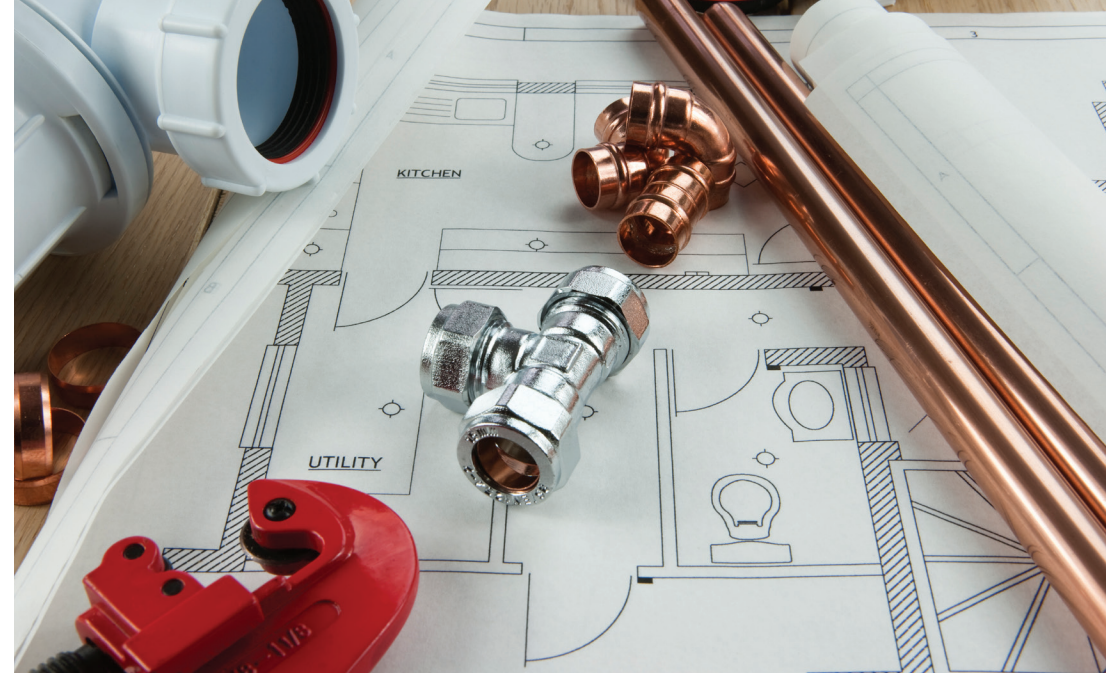
This course provides the fundamental skills required in the Construction Trades.

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.

SEP 8 - DEC 17, 2020 TU & TH 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615, (KODAK CENTER) ROOM: TBD

COST: \$950 INSTRUCTOR: SHANNON WRIGHT



Geometric Dimensioning & Tolerancing

WBUS 213: GEOMETRIC DIMENSIONING AND TOLERANCING

As our standard course serving multiple manufacturing and other businesses over the years, this course teaches the terms, rules, symbols, and concepts of GD&T, providing you have a basic understanding of mechanical drawings. This course offers an in-depth explanation of the geometric tolerancing symbols, tolerance zones, applicable modifiers, drawing examples and interpretations. This class includes a comparison of GD&T to traditional methods and highlights the advantages of geometric tolerancing. Datums and their applicable coordinate systems will be discussed. Illustrations of inspection methods for the geometric tolerances are also presented.

OCT 30 - NOV 20, 2020 FRIDAYS 8AM - 12PM

DEC 14, 15, 16, 17, 2020 MON - TH 8:00AM - 12:00PM

321 STATE ST, 7TH FLOOR, CLASSROOM 706, ROCHESTER NY 14608

COST \$299 INSTRUCTOR: STEVE CRUMP

WBUS 214: GEOMETRIC DIMENSIONING AND TOLERANCING - INTERMEDIATE

The intermediate GD&T class offers a brief review of the concepts established in the basic class followed by a wider range of datum topics including degrees of freedom, mating envelopes and datum feature shift.

The main focus of the class is on positional tolerance. Single and multiple frame applications of position will be presented using animated illustrations applied to single features and patterns of features.

Computational and graphical methods for positional tolerance verification are discussed. Functional gage design for the inspection of single features and patterns using virtual condition calculations concludes the course.

DEC 11 - DEC 14, 2020 FRIDAYS 1:00PM - 5:00PM

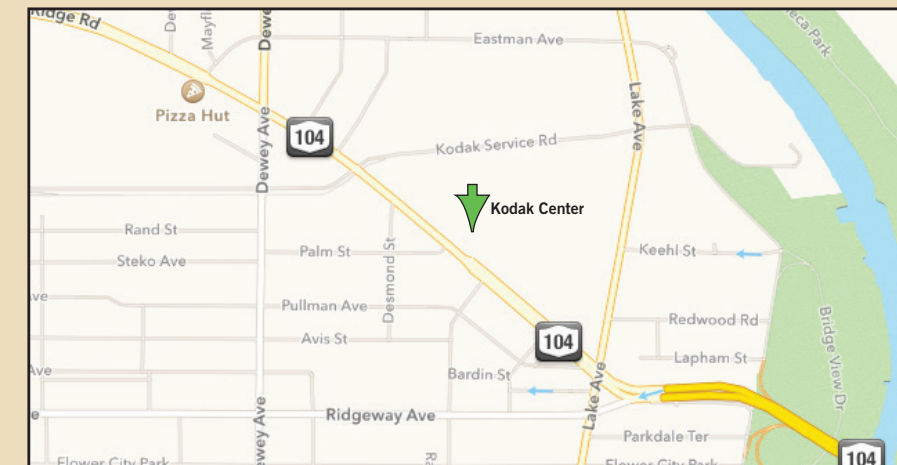
321 STATE ST, 7TH FLOOR, CLASSROOM 706, ROCHESTER, NY 14608

COST: \$159 INSTRUCTOR: STEVE CRUMP



Class Location:

EASTMAN BUSINESS PARK, BUILDING 28,
200 WEST RIDGE RD, ROCHESTER, NY 14615, (KODAK CENTER)



Registration Options:

- Mail-in Registration Form included in this schedule.
- Online at: workforceforward.com/SkilledTrades
- By phone: 585.685.6004, ask for Deborah Isbell-Jones

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

Skilled Trades courses will be offered in a hybrid format for the Fall 2020 semester. Lecture will be instructed online, via Zoom, 1 day per week, and Lab will meet 1 day per week in-person. If there are changes to COVID-19 guidelines students enrolled in the course will be contacted directly by the College.