

## 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 Corporate College  
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	<input type="radio"/> \$299
	Section Feb 17, 18, 19 & 20, 2020 Section April 6, 7, 8 & 9, 2020	<input type="radio"/> \$299
WBUS 214	Geometric Dimensioning and Tolerancing - Intermediate	<input type="radio"/> \$159
WCON 100	Construction Essentials	<input type="radio"/> \$925
WELC 102	Electrical Theory and Devices (Level 1B)	<input type="radio"/> \$925
WELC 202	Installation and Devices (Level 2B)	<input type="radio"/> \$925
WELC 302	Introduction to Motor Controls (Level 3B)	<input type="radio"/> \$925
WELC 402	Motor Control Application (Level 4B)	<input type="radio"/> \$925
WGLA 302	Glazier - Securing Work Area and Mounting Work Pieces (Level 3B)	<input type="radio"/> \$925
WPLU 102	Plumbing - Intro to Drain, Waste and Vent (DWV) Systems (Level 1B)	<input type="radio"/> \$925
WPLU 202	Plumbing - Water Systems (Level 2B)	<input type="radio"/> \$925
WPLU 203	Plumbing - Fuel Gas and Fuel Oil Systems	<input type="radio"/> \$200
WPLU 400	Plumbing (Level 4)	<input type="radio"/> \$925
WSPU 100	Project Supervision	<input type="radio"/> \$925
WSPK 100	Sprinkler Fitting - Introduction to Piping Systems (Level 1)	<input type="radio"/> \$925
WSPK 302	Sprinkler Fitting - Applications (Level 3B)	<input type="radio"/> \$925
WSPK 402	Sprinkler Fitting - Documentation (Level 4B)	<input type="radio"/> \$925

## 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@monroecc.edu) or Melissa Fingar, Esq., assistant coordinator (585-292-2117/mfingar@monroecc.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](http://WORKFORCEFORWARD.COM/DEGREES).



## Economic & Workforce Development Center

MCC'S DOWNTOWN CAMPUS  
321 STATE STREET  
7<sup>TH</sup> FLOOR



## Economic & Workforce Development Center

MONROE COMMUNITY COLLEGE

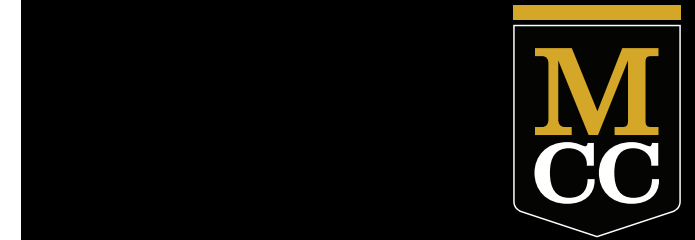
1000 East Henrietta Rd.  
Rochester, NY 14623



SKILLED TRADES  
APPRENTICESHIP RELATED INSTRUCTION | SPRING 2020

Registration available online at  
[workforceforward.com/SkilledTrades](http://workforceforward.com/SkilledTrades)

For more information contact  
John Troy at 585.685.6172 or  
[jtroy@monroecc.edu](mailto:jtroy@monroecc.edu)



SKILLED TRADES  
APPRENTICESHIP RELATED INSTRUCTION | SPRING 2020

## Increase Your Skill & Your Potential

Electrical • Pipefitting • Plumbing • Sprinkler Fitting • Glazier



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 102: INTRO TO DRAIN, WASTE AND VENT (DWW) SYSTEMS (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 21 - MAY 21, 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: \$925 INSTRUCTOR: DEAN LOCKE

### WPLU 202: PLUMBING – WATER SYSTEMS (LEVEL 2B)

In this course you will learn 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 21 - MAY 21, 2020 TU & TH 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615, (KODAK CENTER) ROOM SB2B

COST: \$925 INSTRUCTOR: WAYNE BEYER

### WPLU 203: PLUMBING - FUEL GAS AND FUEL OIL SYSTEMS

This course introduces techniques for safe handling of natural gas, liquefied petroleum and potential hazards, applications, systems installation and testing.

APRIL 28 - MAY 21, 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: \$200 INSTRUCTOR: WAYNE BEYER

### WPLU 400: PLUMBING (LEVEL 4)

Course Content includes: Business Principles, Water Pressure Booster; Codes, Private Water Supply Systems, Specialized Plumbing Applications.

JAN 21 - MAY 21, 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: \$925 INSTRUCTOR: JOSEPH GIANNOCCARO

### 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.

JAN 21 - APRIL 21, 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 302: SPRINKLER FITTING – APPLICATIONS (LEVEL 3B)

In this course you will learn about deluge and preaction systems, hydraulic and pneumatic release systems; standpipe classifications and pressure reducing valves; basic water chemistry and properties.

JAN 21 - MAY 21, 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 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.

JAN 21 - APRIL 21, 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

## 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 102: ELECTRICAL THEORY AND DEVICES (LEVEL 1B)

Course content includes: introduction 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 22 - MAY 13, 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: \$925 INSTRUCTOR: ROB POLLOTA

### WELC 202: CONDUCTOR INSTALLATION AND DEVICES (LEVEL 2B)

This course will teach you 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; termination methods for conductors; grounding and bonding of electrical systems, and fuses and circuit breakers.

JAN 22 - MAY 13, 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: \$925 INSTRUCTOR: SHANNON WRIGHT

### WELC 302: INTRODUCTION TO MOTOR CONTROLS (LEVEL 3B)

You will be introduced to single and multiple motor controls; over-current protection; sizing calculations; National Electrical Code (NEC) for commercial services; transformer types and connections. You will also be introduced to the installation and testing of voice, data, and video systems.

JAN 22 - MAY 13, 2020 M & W 5:30PM - 8:30PM

LOCATION: EASTMAN BUSINESS PARK, BUILDING 28, 200 WEST RIDGE RD, ROCHESTER, NY 14615, (KODAK CENTER) ROOM SB2B

COST: \$925 INSTRUCTOR: ANTHONY DEBONA

### WELC 402: MOTOR CONTROLS APPLICATION (LEVEL 4B)

You will learn motor operation and preventive maintenance; troubleshooting procedures; solid-state controls; commercial/industrial lighting; National Electrical Code (NEC) for special locations; basic overview HVAC systems; specialty transformers.

JAN 22 - MAY 13, 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: \$925 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.

JAN 21 - MAY 5, 2020 TU & TH, 5:30PM - 8:30PM

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

COST: \$925 INSTRUCTOR: JOEL SASSO

### 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.

JAN 21 - MAY 7, 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: \$925 INSTRUCTOR SHANNON WRIGHT



## Geometric Dimensioning & Tolerancing

### WBUS 213: GEOMETRIC DIMENSIONING AND TOLERANCING

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.

TWO SECTIONS AVAILABLE

FEB 17, 18, 19 & 20, 2020 MON - TH 8AM - 12PM (16 HOURS)

APRIL 6, 7, 8 & 9, 2020 MON - TH 8AM - 12PM (16 HOURS)

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

COST \$299 INSTRUCTOR: JOHN GIANNETTI

### 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.

MAR 13 & 20, 2020 FRIDAYS 1:00PM - 5:00PM (8 HOURS)

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

COST: \$159 INSTRUCTOR: JOHN GIANNETTI

## Glazier

This 78-hour training program is 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.

### WGLA 302: GLAZIER - SECURING WORK AREA AND MOUNTING WORK PIECES (LEVEL 3B)

This course will cover sloped glass and skylights fabrication. Also finishes for aluminum and glass. Additional applications of entrances door construction and hardware. Discussion on curtain walls will also be included.

JAN 21 - APRIL 16, 2020 TU & TH 5:30PM - 8:30PM

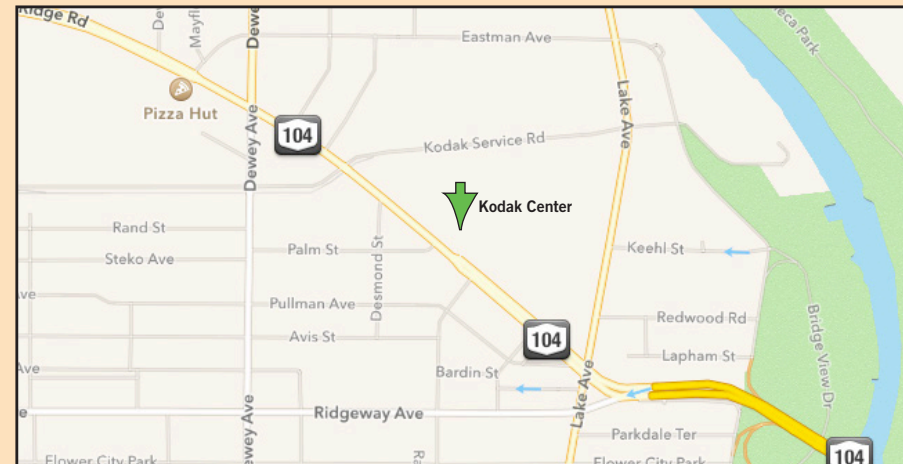
LOCATION: FLOWER CITY GLASS, 188 MT. HOPE AVE., ROCHESTER, NY 14620

COST: \$925 INSTRUCTOR JOSH GRAVES



## 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](http://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](mailto:jtroy@monroecc.edu) for more information.