

November 2023

Carpenters Training Institute

Skill Enhancement Schedule

			Rochester - ROCH			
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	1	2	3	4
5	6	7	8	9	10	11
		Construction Fall Protection 4:30pm - 8:30pm				
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30		
		Firestop 4:30pm - 8:30pm				
**Requirements: Union Card, Hard Hat, safety glasses, and work boots.		**All classes are taught in English unless noted otherwise.		**Classes will be cancelled if the minimum attendance requirement is not met.		

December 2023

Carpenters Training Institute

Skill Enhancement Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
		Stepping Upto Foreman 4:30pm - 8:30pm				
17	18	19	20	21	22	23
24	25	26	27	28	29	30
**Requirements: Union Card, Hard Hat, safety glasses, and work boots.		**All classes are taught in English unless noted otherwise.		**Classes will be cancelled if the minimum attendance requirement is not met.		

Advanced Metal Stud Framing

24-hour course / Min 3rd year apprentice / No expiration

This course covers radius, sloped, light cove and more intricate framing techniques. Also includes an introduction to track bender.

Offered upon request

American Red Cross CPR/First Aid/AED

8-hour course / No prerequisite / Expiration: 2 years

This course provides a First Aid/CPR/AED qualification.

Jan 25-26, Jun 7-8, Oct 18-19

Architectural Sheet Metal

8 hour course / No prerequisite / No expiration

This course covers the information needed to successfully install different types of sheet metal products on roofing and wall systems along with the processes that are included.

Offered upon request

Armstrong Wall and Ceiling System

12 hour course / No prerequisite / No expiration

This course works with quick stick, soffit jigs, radius domes, drywall grid and suspended light cove framing.

Offered upon request

Blueprint Reading Basic

8 hour course / No prerequisite / No expiration

This course covers general procedures, basic skills, and the necessary tools and materials needed to lay out a building. The architectural lines and symbols shown on site plan prints which are necessary to facilitate layout are also discussed.

Feb 21-22

Blueprint Reading Advanced

8 hour course / No prerequisite / No expiration

A more in depth look at prints, how to do advanced layout, possible intro to electronic print reading, and how to transfer information to shop floor.

Offered upon request

Construction Master Pro

8 hour course / No prerequisite / No expiration

This course covers the practical use of the Construction Master Pro calculator in the field

Offered upon request

Confined Space

16 hours course / No prerequisite / No expiration

This class deals with the characteristics of confined space and requirements for a permit-required confined space program.

Offered upon request

Atmospheric hazards, ventilation, and procedures for monitoring air quality are also covered.

Confined Space Refresher

4 hour course/ Completed 16 hour course/ No Expiration
Required by certain locals to maintain upgrade credentials

Offered upon request

Construction Math/Radius

8 hour course/ Prereq: Math for the Trades/ No Expiration
This class covers radius math, how to layout a radius without a center point. Also covers elliptical and octagon layout.

Offered upon request

Construction Fall Protection

8 hour course/ No prerequisite/ No expiration
This course addresses safety requirements when working from an elevated area and covers how to recognize and properly address hazards in our industry.

Jun 20-21, Nov 7-8

Control Contaminates: Food and Beverage

24 hours course/ No prerequisite/ No expiration
A blend of classroom and shop projects geared toward performing projects in occupied production facilities. Contamination control, air quality, and encapsulation of a project are topics that will be covered.

Offered upon request

Door Hardware 1

24 hour course/ No Prerequisite/ No expiration
This course will cover the order of installation, different types of hardware, as well as NFPA and ANSI codes. On the floor you will layout, prep, and install cylinder and mortise locks. You will also install a rim exit device, trim, and closer.

Offered upon request

Door Hardware 2

32 hour course/ Prereq: Door Hardware 1/ No expiration
This course will be a review from Door Hardware 1 as well as go over the surface vertical rod adjustment and dead latch. The shop projects will consist of 4 different exit devices. There will also be a discussion about other double door hardware.

Offered upon request

Door Hardware: Allegion Cert

28 hour course/ Prereq: Door Hardware 1 & 2/ No expiration

Offered upon request

This course includes 4 hours of instruction and 24 hours of certification. Passing requirements: complete each module in allotted 4 hours timeframe with no assistance from instructor with 100% proper installation and operation.

Door Hardware: Maintenance and Troubleshooting

16 hour course/ Prereq: Door Hardware 1 & 2/ No Expiration
Maintenance will include instruction on most common issues with doors and hardware and preventative maintenance.
Troubleshooting includes hands on experience of created scenarios

Offered upon request

EPIC

10 hour course/ No prerequisite/ No expiration
This course covers professionalism, communication, diversity, union history, safety and the "Big Picture".

Firestop

8 hour course/ No prerequisite/ No expiration
This course explains firestop systems and how they are used to control and contain a fire. The course also discusses building codes and how they relate to firestop installation.

Nov 28-29

Foreman: Concepts 1

4 hour course/ No prerequisite/ No expiration
A view of what it takes to be a good foreman. Concepts will include the key aspects of foreman success through safety, market share, customer retention and profit. This course is taught with class engagement, interaction, and the concluding understanding of the typical day as a foreman.

Offered upon request

Foreman: Effective Communication

4 hour course/ No prerequisite/ No expiration
This course focuses on effective communication for a foreman. Discussions will include actively listening, emotional intelligence, and listening to understand. This course will conclude with interactive exercises in a competitive group setting.

Offered upon request

Foreman: Safety Pays

4 hour course/ No prerequisite/ No expiration
Dedicated to safety leadership. This includes performing effective hazard assessments and gaining an understanding of what injuries and lost time incidents actually cost an employer.

Offered upon request

Hazard Comm & Chemical Safety

8 hour course/ No prerequisite/ No expiration

Offered upon request

This course is a revision fo the OSHA manual, Safety Data Sheets. The focuse on the revision is broader: Chemical hazards and safety precautionsw are thoroughly discussed along with hazard recognition and chemical hazard protection.

ICRA: Best Practice

24 hour course/ No Prerequisite/ Expiration: 4 years

This course promotes the importance of infection control and outlines protection methods and safe work practices for those who perform construction work in these facilities.

Mar 6-11

ICRA: Best Practice Refresher

8 hour course/ Prereq: ICRA/ Expiration: 4 years

This course refreshes/ reviews the 24 hours ICRA course.

Jul 11-12

Ipad Basics/ Intro to Bluebeam

8 hour course/ No prerequisite/ No expiration

This course introduces you to the iPad and its basic functions. The second night will give you a basic overview of the Bluebeam application, screen design, basic tools and markup features.

Math for the Trades

8 hour course/ No prerequisite/ No expiration

This class is a basic treatment fo trade math befinning with general math, fractions and decimals.

Offered upon request

MEWPs: Mobile Elevating Work Platforms

8 hour course/ No prerequisite/ No expiration

This course covers safety issues and guidelines for mobile elevation work platforms that can be driven in an extended position and moves both inside and outside tipping lines. Class includes classroom theory, 50 - question exam, an inspection and the required practical for both scissor lift, and boom lift

Jan 25-26, Feb 13-14

OSHA 10

10 hour course/ No prerequisite/ No expiration

This course covers a basic OSHA overview, rights and responsibilities of the employer and employee.

Feb 14-15, Aug 22-23

OSHA 30

30 hour course/ No prerequisite/ No expiration

This course covers a more in-depth examination of OSHA standards, rights and responsibilites of the employer and the employee.

Apr 3-12

PITO : Industrial

8 hour course/ No prerequisite/ Expiration: 4 years

This course introduces many kinds of lift trucks, their components, and applications. The text focuses on industrial lift trucks.

Feb 8-9, Feb 20-21

PITO: Rough Terrain

8 hour course/ No prerequisite/ Expiration: 4 years

This course introduces many kinds of lift trucks, their components and applications. The text focuses on rough terrain lift trucks.

Jan 30-31, Feb 6-7, May 2-3,
Jul 25-26, Sep 26-27

Rigger and Signaler Qualification

40 hour course/ No prerequisite/ Expiration: 4 years

This course includes 24 hours of classroom discussion to gain a practical knowledge of rigging safety, inspection, load calculation, load handling, and signaling. The course finishes with a practical as well as written rigging test.

Offered upon request

Rigger and Signaler Qualification Refresher

16 hour course/ Prerequisite: Rigging 40/ Expiration: 4 years

This course refreshes and reviews the 40 hour Rigging course.

Offered upon request

Scaffold 40

40 hour course/ No prerequisite/ Expiration: 4 years

This course provides clarification of the roles of a competent person and a qualified person and presents training requirements for erectors, dismantlers, and users. Information

Offered upon request

Scaffold 40 Refresher

8 hour course / No prerequisite/ Expiration: 4 years

This course refreshes and reviews the Scaffold 40 certification.

Aug 8-9

Silica Awareness

2 hour course/ No prerequisite/ No expiration

This course covers understanding the hazards of silica, with an overview of OSHA construction silica final rule.

Offered upon request

Stepping up to Foreman

8 hour course/ No prerequisite/ No expiration

This course allows participants to learn about the responsibilities of UBC foreman. The skills required of foreman, such as communication, job planning, scheduling, completing reports and managing a crew are all discussed.

Dec 12-13

Solid Surface

16 hour course/ Min 3rd year apprentice/ Expiration: 4 years

The solid surface class provides in-depth instruction in the technical aspects of working with solid surface material. The course covers epoxy, joining solid surfaces and proper surface finishing.

Offered upon request

Spectra Precision QML800

8 hour course/ No prerequisite/ No expiration

Digital blueprint reading and layout procedures.

Offered upon request

Total Station 1 & 2

8 hour course/ No prerequisite/ No expiration

This course covers a combination of Total Station 1 & 2. It will begin with a review of the fundamental workings of the total station and how building quadrants are established. The second day will cover the capabilities and functions of the total station layout equipment.

Offered upon request

Trade Show Installation

24 hour course/ Prereq: have 3 of the following; MEWP's, First Aid/CPR/AED, OSHA, Scaffold, or PITO

This course focuses on procedures and safety precautions for trade shows and special events.

Offered upon request

Trimble Total Station Intro

8 hour course/ No prerequisite/ No expiration

This course introduces you to the Trimble Total Station and its basic functions with an overview of the practical application and use of the system on the shop floor.

Offered upon request

Trimble Total Station: Advanced

8 hour course/ Prereq: Trimble Total Station Intro/ No expiration

This course provides a more in depth and comprehensive overview of the RTS system using advanced projects, including proper connection with the XR-10 HoloLens.

Offered upon request

Trimble XR-10 with HoloLens

8 hour course/ No prerequisite/ No expiration

This course introduces you to the XR-10 and how to use the product. The XR-10 uses mixed reality to allow users to visualize 3D images, allowing for increased productivity and minimizing conflict in the field.

Offered upon request

Welding: Introduction

8 hour course/ No prerequisite/ No expiration

Safety, terminology and welding process introduction for members with little or no welding experience.

Offered upon request

Welding: Enhancement

16 hour course/ Prerequisite: Intro to Welding/ No expiration

Self-paced opportunity to practice welding: SMAW, FCAW, GTAW available.

Offered upon request

Welding for Steel Stud Industry

16 hour course/ Recom Prereq: Intro to Welding/ No expiration

Self-paced practicing light gauge sheet metal welding in both SMAW and FCAW weld processes.

Offered upon request