

# November 2023

Carpenters Training Institute

Skill Enhancement Schedule

		Twin Cities Campus (TCC) 651.646.7337				
		LJ Shosten Campus (LJS) 651.233.2353				
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	31	1	2	3	4
5	6	7	8	9	10	11
	LJS - Welding Intro 4:30pm - 8:30pm					
	LJS - Welding Enhanced 4:30pm - 8:30pm		LJS - Welding Enhanced 4:30pm - 8:30pm			
			LJS - Scaffold Ref 4:30pm - 8:30pm			
12	13	14	15	16	17	18
			TCC - Blueprint Basic 4:30pm - 8:30pm			
	LJS - First Aid/Cpr 4:30pm - 8:30pm					
19	20	21	22	23	24	25
26	27	28	29	30	1	2
	TCC - PITO Ind. 4:30pm - 8:30pm		TCC - Firestop 4:30 - 8:30pm			
	TCC - First Aid/Cpr 4:30pm - 8:30pm					
	LJS - Foreman Training: Safety Pays	LJS - Foreman Training: Effect Comm				
**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.		

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		Twin Cities Campus (TCC) 651.646.7337				
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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
26	27	28	29	30	1	2
3	4	5	6	7	8	9
	TCC - OSHA 10 4:30pm - 10:00pm		TCC - First Aid/Cpr 4:30pm - 8:30pm			
	TCC - ICRA 24 4:30pm - 8:30pm (cont to sat)					TCC - ICRA Build 7:00am - 3:30pm
	LJS - Welding Enhancement 4:30pm - 8:30pm					LJS - PITO RT 7:00am - 3:30pm
10	11	12	13	14	15	16
	TCC - MEWP's 4:30pm - 8:30pm					
	LJS - Scaffold 40 4:30pm - 8:30pm (cont)					LJS - Welding Enhanced 7:00am - 3:30pm
17	18	19	20	21	22	23
	LJS - Rigger & Signaler Refresher 4:30pm - 8:30pm					
	LJS - Scaffold 40 4:30pm - 8:30pm (cont)					LJS - Scaffold Build 7:00am - 3:30pm
24	25	26	27	28	29	30
31						

\*\*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 9-10, Feb 6-7, Feb 27-28,  
Apr 10-11, May 17-18, Jun 14-15,  
Jul 10-11, Sep 13-14, Oct 16-17,  
Nov 27-28, Dec 6-7  
Mar 22-23, May 8-9, Jun 6-7,  
Nov 13-14**

**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

**Feb 6-7, Oct 23-24**

**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.

**Feb 27-28, Nov 15-16**

**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.

**Feb 20-23**

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

**Jan 1, Apr 20, Aug 17**

### **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.

**Apr 24-25**

### **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.

**Feb 15-16, Mar 13-14, Jun 5-6,  
Aug 9-10, Oct 4-5 Feb 13-14,  
Jul 31-Aug 1**

### **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.

**Mar 27-29**

### **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.

**Mar 27- Apr 5**

### **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.

**Oct 2-12**

### **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.

**Mar 1-2, Jul 12-13, Nov 29-30**

### **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.

**Feb 13, Feb 20, May 16, Jul 13, Oct 31**

### **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.

**Feb 14, Mar 13, Jul 13, Nov 28**

### **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.

**May 1, Jul 11, Aug 23, Mar 14, May 15, Oct 30, Nov 27**

### **Hazard Comm & Chemical Safety**

*8 hour course/ No prerequisite/ No expiration*

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.

**Jan 16-17, Mar 27-28, Jun 26-27, Jul 10-11, Oct 16-17**

### **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.

**Feb 13-18, Mat 8-13, Aug 21-26, Dec 4-9**

### **ICRA: Best Practice Refresher**

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

This course refreshes/ reviews the 24 hours ICRA course.

**Jan 18-19, Mar 20-21, Jun 28-29, Oct 25-26**

### **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.

**May 8-9, Jun 26-27**

### **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.

**May 15-16**

### **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.

**Feb 20 - 21, Mar 22-23, Jun 7-8, Aug 9-10, Oct 9-10**

### **OSHA 10**

*10 hour course/ No prerequisite/ No expiration*

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

**Jan 16-17, Feb 22-23, Mar 20-21, Apr 26-27, Aug 7-8, Sep 11-12, Oct 18-19, Dec 4-5, Feb 27-28, Oct 23-24**

### **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.

**Jun 5-15**

### **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 1-2, Jun 17, Aug 16-17,  
Nov 27-28, Jul 15**

### **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 14, Feb 11, Apr 8, Jun 17,  
Jul 24-25, Dec 9**

### **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.

**Jul 17-21, Jul 31 -Aug 4**

### **Rigger and Signaler Qualification Refresher**

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

This course refreshes and reviews the 40 hour Rigging course.

**Apr 10-13, Aug 21-24, Oct 9-12,  
Dec 18-21**

### **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

**Jan 23 - Feb 4, Apr 10-22,  
Jul 17-29**

### **Scaffold 40 Refresher**

*8 hour course / No prerequisite/ Expiration: 4 years*

This course refreshes and reviews the Scaffold 40 certification.

**Feb 8-9, Mar 8-9, May 10-11,  
Jun 21-22, Aug 30-31, Oct 11-12,  
Nov 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.

**Mar 15-16**

### **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.

### **Spectra Precision QML800**

*8 hour course/ No prerequisite/ No expiration*

Digital blueprint reading and layout procedures.

### **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.

### **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.

### **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.

### **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.

### **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.

### **Welding: Introduction**

*8 hour course/ No prerequisite/ No expiration*

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

### **Welding: Enhancement**

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

**Jun 19-21**

**Offered upon request**

**Offered upon request**

**Offered upon request**

**Offered upon request**

**Offered upon request**

**Offered upon request**

**Feb 6-7, May 1-2, Nov 6-7**



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

### **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.

**Jan 21, Feb 6-7, Feb 8-9, Feb 18, Mar 6-9, Mar 18, Apr 3-6, Apr 15, May 1-2, May 3-4, May 13, Jun 12-15, Aug 7-10, Sep 11-14, Oct 2-5, Oct 21, Nov 6-7, Nov 8-9, Dec 4-7, Dec 16**

***Offered upon request***