

Carpenters and Joiners Training Center
740 Olive Street, St. Paul, MN 55130
651-646-7337

June 2019

Skill Enhancement Class Schedule

SUNDAY
MONDAY
TUESDAY
WEDNESDAY
THURSDAY
FRIDAY
SATURDAY

26	27	28	29	30	31	1
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2	3	4	5	6	7	8
	4:30-8:30 Door Hardware: Maintenance and Troubleshooting 16hr (6/3-6/6)					
	4:30-8:30 ICRA 24hr (6/3-6/6; 6/8)					7:30-4:00 ICRA Build
			4:30-8:30 Spectra Precision-QML 800 4hr (6/5-6/6)			
			4:30-8:30 Aerial Lift 8hr (6/5-6/6)			

9	10	11	12	13	14	15
		4:30-8:30 Door Hardware 1 24hr (6/11-6/13; 6/18-6/20)				
			4:30-8:30 PITO-Industrial 8hr (6/12-6/13)			
			4:30-9:30 OSHA 10 (6/12-6/13)			
			4:30-8:30 Scaffold Refresher 8hr(6/12-6/13)			

16	17	18	19	20	21	22
		4:30-8:30 Door Hardware 1 24hr COUNTINUED (6/11-6/13; 6/18-6/20)				
			4:30-8:30 First Aid/CPR/AED 8hr (6/19-6/20)			
			4:30-8:30 PITO-Rough Terrain 8hr (6/19-6/20)			

23	24	25	26	27	28	29
			4:30-8:30 Construction Fall Protection 8hr (6/26-6/27)			
			4:30-8:30 Stepping up to Foreman(6/26-6/27)			

Notes:
 Requirements: Union Card, Hard hat, safety glasses and work boots.
 All classes are taught in English unless noted.
 Classes will be cancelled if the minimum attendance requirement is not met.

July 2019

Skill Enhancement Class Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30	1	2	3	4	5	6
				4th of July		
	4:30-9:30 Pro10 (7/1-7/2)					
7	8	9	10	11	12	13
	4:30-8:30 Door Hardware 2 32hr (7/8-7/11 & 7/15-7/18)					
			4:30-8:30 ICRA Refresher 8hr (7/10-7/11)			
			4:30-8:30 Math for the Trades 8hr (7/10-7/11)			
14	15	16	17	18	19	20
	4:30-8:30 Door Hardware 2 32hr CONTINUED (7/8-7/11 & 7/15-7/18)					
	4:30-8:30 ICRA 24 24hr (7/15-7/18; 7/20)					7:30-4:00 ICRA Build
			4:30-8:30 First Aid/CPR/AED 8hr (7/17-7/18)			
			4:30-8:30 PITO-Rough Terrain 8hr (7/17-7/18)			
21	22	23	24	25	26	27
28	29	30	31	1	2	3
				Notes: Requirements: Union Card, Hard hat, safety glasses and work boots. All classes are taught in English unless noted. Classes will be cancelled if the minimum attendance requirement is not met.		

August 2019

Skill Enhancement Class Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28	29	30	31	1	2	3
		4:30-9:30 OSHA 30 (7/30-8/1; 8/6-8/8)				
		4:30-8:30 Aerial Lift 8hr(7/31-8/1)				
4	5	6	7	8	9	10
		4:30-9:30 OSHA 30 COUNTINUED (7/30-8/1; 8/6-8/8)				
		4:30-8:30 Firestop Qualification 8hr (8/7-8/8)				
		4:30-8:30 iPad Basics & Bluebeam 8hr (8/7-8/8)				
11	12	13	14	15	16	17
		4:30-8:30 Door Hardware 1 24hr (8/13-8/15, 8/20-8/22)				
		4:30-8:30 ICRA 24 (8/12-8/15; 8/17)				7:30-4:00 ICRA Build
		4:30-8:30 First Aid/CPR/AED 8hr (8/14-8/15)				
		4:30-8:30 Stepping up to Foreman 8hr (8/14-8/15)				
18	19	20	21	22	23	24
		4:30-8:30 Door Hardware 1 24hr COUNTINUED (8/13-8/15, 8/20-8/22)				
		4:30-8:30 Solid Surface 16hr (8/19-8/22)				
		4:30-8:30 PITO-Rough Terrain 8hr (8/21-8/22)				
25	26	27	28	29	30	31
	4:30-8:30 Door Hardware: Maintenance and Troubleshooting 16hr (8/26-8/29)					
			4:30-8:30 Hillti PLT 300 Layout 8hr (8/28-8/29)			
	4:30-6:30 Silica Awareness 2hr		4:30-9:30 OSHA 10 (8/28-8/29)			

Notes:

Requirements: Union Card, Hard hat, safety glasses and work boots.

All classes are taught in English unless noted.

Classes will be cancelled if the minimum attendance requirement is not met.

September 2019

Skill Enhancement Class Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
	Labor Day					
8	9	10	11	12	13	14
			4:30-8:30 Scaffold Refresher 8hr (9/11-9/12)			
			4:30-9:30 Pro 10 (9/11-9/12)			
			4:30-8:30 ICRA Refresher 8hr (9/11-9/12)			
			4:30-8:30 Construction Fall Protection 8hr (9/11-9/12)			
			4:30-8:30 PITO-Industrial 8hr (9/11-9/12)			
15	16	17	18	19	20	21
22	23	24	25	26	27	28
	4:30-8:30 Door Hardware 2 32hr (9/23-9/26 & 9/30-10/3)					
	4:30-8:30 ICRA 24 24hr (9/23-9/26; 9/28)					7:30-4:00 ICRA Build
			4:30-8:30 Spectra Precision-QML 800 4hr (9/25-9/26)			
			4:30-8:30 PITO-Rough Terrain 8hr(9/25-9/26)			
			4:30-8:30 First Aid/CPR/AED 8hr(9/25-9/26)			
29	30	1	2	3	4	5

Notes: Requirements: Union card, Hard Hat, Safety Glasses and Work Boots
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 Classes will be cancelled if the minimum attendance requirement is not met

October 2019

Skill Enhancement Class Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
29	30	1	2	3	4	5
	4:30-8:30 Door Hardware 2 32hr COUNTINUED (9/23-9/26 & 9/30-10/3)					
		4:30-9:30 OSHA 30 (10/1-10/3; 10/7-10/10)				
			4:30-8:30 Aerial Lift (10/2-10/3)			
6	7	8	9	10	11	12
		4:30-9:30 OSHA 30 COUNTINUED (10/1-10/3; 10/8-10/10)				
			4:30-8:30 Hillti PLT 300 Layout 8hr (10/9-10/10)			8:00-4:30 Pro 10
			4:30-8:30 Math for the Trades 8hr (10/9-10/10)			
13	14	15	16	17	18	19
	4:30-8:30 ICRA 24 (10/14-10/17; 10/19)					7:30-4:00 ICRA Build
			4:30-8:30 iPad Basics & Bluebeam (10/16-10/17)			
			4:30-9:30 PITO-Rough Terrain 8hr (10/16-10/17)			
20	21	22	23	24	25	26
	4:30-8:30 Solid Surface 16hr (10/21-10/24)					
			4:30-8:30 First Aid/CPR/AED 8hr (10/23-10/24)			
			4:30-8:30 Stepping up to Foreman 8hr (10/23-10/24)			
27	28	29	30	31	1	2
		4:30-8:30 Armstrong Wall & Ceiling 12hr (10/29-10/31)				
			4:30-8:30 PITO-Industrial 8hr (10/31-11/1)			
					Notes: Requirements: Union Card, Hard Hat, Safety Glasses and Work Boots. All classes are taught in English unless noted. Classes will be cancelled if the minimum requirement is not met	

November 2019

Skill Enhancement Class Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
27	28	29	30	31	1	2

3	4	5	6	7	8	9
		4:30-9:30 Pro10 (10/5-10/06)				
			4:30-8:30 ICRA Refresher 8hr (11/6-11/7)			

10	11	12	13	14	15	16	
		4:30-8:30 ICRA 24hr (11/11-11/14; 11/16)					7:30-4:00 ICRA Build
			4:30-8:30 Spectra Precision-QML 800 4hr (11/13-11/14)				
			4:30-9:30 OSHA 10 (11/13-11/14)				

17	18	19	20	21	22	23
	4:30-8:30 Door Hardware: Maintenance & Hardware 16hr (11/18-11/21)					
	4:30-8:30 Solid Surface 16hr (11/18-11/21)					
			4:30-8:30 First Aid/CPR/AED 8hr (11/20-11/21)			
			4:30-8:30 PITO-Industrial 8hr (11/20-11/21)			

24	25	26	27	28	29	30
				Thanksgiving Day		

Notes:
 Requirements: Union Card, Hard hat, safety glasses and work boots.
 All classes are taught in English unless noted.
 Classes will be cancelled if the minimum attendance requirement is not met.

December 2019

Skill Enhancement Class Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1	2	3	4	5	6	7
		4:30-8:30 Door Hardware 1 24hr (12/3-12/5; 12/10-12/12)				
			4:30-8:30 Construction Fall Protection 8hr (12/4-12/5)			
			4:30-8:30 Firestop Qualification 8hr (12/4-12/5)			
8	9	10	11	12	13	14
	4:30-8:30 ICRA 24 (12/9-12/12; 12/14)					7:30-4:00 ICRA Build
		4:30-8:30 Door Hardware 1 24hr COUNTINUED (12/3-12/5; 12/10-12/12)				
15	16	17	18	19	20	21
	4:30-6:30 Silica Awareness		4:30-8:30 First Aid/CPR/AED 8hr (12/18-12/19)			
			4:30-8:30 PITO-Industrial 8hr (12/18-12/19)			
			4:30-8:30 Radius Math 8hr (12/18-12/19)			
22	23	24	25	26	27	28
			Christmas Day			
29	30	31	1	2	3	4
			<p style="color: green; margin: 0;">Notes:</p> <p style="color: green; margin: 0;">Requirements: Union Card, Hard hat, safety glasses and work boots.</p> <p style="color: green; margin: 0;">All classes are taught in English unless noted.</p> <p style="color: green; margin: 0;">Classes will be cancelled if the minimum attendance requirement is not met.</p>			

TCO Skill Enhancement Classes

Armstrong Wall and Ceiling System:

12 hour course. This class works with quick stick, soffit gigs, radius domes, drywall grid and suspended light cove framing.

Prerequisite: None

Expiration: None

2019 course offered: Oct 29-31

Aerial Lift

8 hour course. This class begins with an in-depth coverage of safety issues and guidelines and includes an overview of the styles and types of aerial lifts and their uses. This class will cover scissor lifts, and boom-supported aerial lift work platforms.

Prerequisite: None

Expiration: None

2019 course offered: Feb 13-14, Apr 3-4, Jun 5-6, Jul 31-Aug 1, Oct 2-3

Blueprint Reading-Basic

8 hour course. This class 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.

Prerequisite: None

Expiration: None

2019 course offered: upon request

Confined Space

16 hour course. This class deals with the characteristics of confined space and requirements for a permit-required confined space program. Atmospheric hazards are described along with the methods of and time requirements for ventilation; and procedures for monitoring air quality.

Prerequisite: None

Expiration: None

2019 course offered: see Shosten Training Center

Advanced Metal Stud Framing:

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

Prerequisite: Minimum 3 year apprentice

Expiration: None

2019 course offered: upon request

American Red Cross CPR/First Aid/AED

8 hour course. This class provides a First Aid/CPR/AED qualification

Prerequisite: None

Expiration: 2 years

2019 course offered: Jan 16-17, Feb 13-14, Mar 13-14, Apr 17-18, May 15-16, Jun 19-20, Jul 17-18, Aug 14-15, Sept 25-26, Oct 23-24, Nov 20-21, Dec 18-19

Blueprint Reading-Advanced

8 hour course. 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.

Prerequisite: Some experience with blueprints

Expiration: None

2019 course offered: upon request

Construction Math/Radius

8 hour course. This class covers radius math, how to layout radius without a center point. Also covers elliptical and octagon layout.

Prerequisite: Math for the Trades

Expiration: None

2019 course offered: Jan 30-31, Mar 13-14, May 8-9, Dec 18-19

TCO Skill Enhancement Classes

Construction Fall Protection

8 hour course. This Construction Fall Protection class addresses safety requirements when working from an elevated area, and covers how to recognize and properly address hazards in our industry.

Prerequisite: None

Expiration: None

2019 course offered: Jan 9-10, Feb 27-28, Apr 24-25, Jun 26-27, Sept 11-12, Dec 4-5

Door Hardware 2:

32 hour course. The classroom will be a review from Door Hardware 1 as well as go over surface vertical rod adjustment and dead latch. The shop projects will consist of 4 different exit devices (9927, 22 ALK, 3347, 9975), 3 different closers (4041 XP, 4020, 4110) one with drop plate mount, coordinator, overhead stop, and talk about 9947 CVR and 9950 WDC. There will also be discussion about other double door hardware.

Prerequisite: Door Hardware 1

2019 course offered: Feb 18-21 & 25-28, May 6-9 & 13-16, Jul 8-11 & 15-18, Sep 23-26 & 30-Oct 3

Door Hardware: Maintenance and Troubleshooting

16 hour course. Maintenance: classroom with PPT and scenarios, a walk through most common issues with doors and hardware (i.e hinge bind, stripped screws, closer leaks and readjustment, latch adjustments, sticky exit devices, drooping levers, etc) and affordable ways to repair them without cost of replacement, preventative maintenance to avoid the cost of replacement, help design a basic maintenance schedule, change handing of hardware and hinge location for temporary door use with previously used components. Troubleshooting: hands on experience of actual created scenarios with hardware

2019 course offered: Mar 25-28, Jun 3-6, Aug 26-29, Nov 18-21

Door Hardware 1:

24 hour course. The classroom will cover the order of installation, different types of hardware, as well 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.

2019 course offered: Jan 8-10 & 15-17, Apr 9-11 & 16-18, Jun 11-13 & 18-20, Aug 13-15 & 20-22, Dec 3-5 & 10-12

Door Hardware: Allegion Certified Installer

28 hour course. 4 hours of instruction, 24 hours of certification (6 - 4 hour modules). **Passing requirements:** complete each module in allotted 4 hour timeframe, no assistance from the instructor (questions or suggestions), 100% proper installation and operation

Prerequisite: Door Hardware 1 and 2

2019 course offered: *upon request*

Firestop Qualification:

8 hours course. This class explains firestop systems and how they are used to control and contain a fire. The class also discusses building codes and how they relate to firestop installation.

2019 course offered: Jan 30-31, May 1-2, Aug 7-8, Dec 4-5

TCO Skill Enhancement Classes

Hazard Communication and Chemical Safety

8 hour course. This class is a revision of the OSHA manual, Material Safety Data Sheets. The focus in this revision is broader: chemical hazards and safety precautions are thoroughly discussed along with hazard recognition and chemical hazard protection.

Prerequisite: None

Expiration: None

2019 course offered: see Shosten Training Center

HazMat Refresher

8 hour course. AKA Hazwoper Refresher. Review/Refreshes HazMat 40

Prerequisite: HazMat 40

Expiration: **refresh annually**

2019 course offered: upon request

ICRA Best Practice in Health Care Construction

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

Prerequisite: None

Expiration: 4 years

2019 course offered: Jan 21-24 & 26, Feb 25-28 & Mar 2, Mar 11-14 & 16, Apr 22-25 & 27, Jun 3-6 & 8, Jul 15-18 & 20, Aug 12-15 & 17, Sept 23-26 & 28, Oct 14-17 & 19, Nov 11-14 & 16, Dec 9-12 &

i-Pad Basics and Intro to Bluebeam

8 hour course. This class introduces you to the i-pad and its basic functions. The second night will give you a basic overview of the Bluebeam application, screen design, basic tools and markup features.

2019 course offered: Jan 16-17, Mar 20-21, May 1-2, Aug 7-8, Oct 16-17

Lean Construction I

8 hr course. 2 four hour class modules that focus on production planning; uses Last Planner System

Prerequisite: None

Expiration: None

2019 course offered: upon request

HazMat 40

40 hour course. AKA Hazwoper. This class covers how to deal with contaminants in the soil, structure of soil and equipment to wear and how to protect.

Prerequisite: None

Expiration: 1 year

2019 course offered: upon request

Hilti PLT 300 Layout:

8 hour course. Digital blueprint reading and layout procedures.

2019 course offered: Jan 23-24, Mar 6-7, May 22-23, Aug 28-29, Oct 9-10

ICRA Best Practice in Health Care Construction Refresher

8 hour course. This class refreshes/ reviews the 24 hour ICRA course.

Prerequisite: ICRA Best Practice in Health Care Construction

Expiration: 4 years

2019 course offered: Mar 27-28, May 15-16, Jul 10-11, Sep 11-12, Nov 6-7

Lathing-Basic

12 hour course. . This class includes information on and procedures for framing suspended ceilings, installing lathing trims, and installing lath on walls and ceilings.

Prerequisite: None

Expiration: None

2019 course offered: upon request

Lean Construction II

8 hr course. Focuses on Last Planner System.

Discussion topics include: What does it mean to be a Superintendent on a lean project? What is the foreman's role.

Prerequisite: None

Expiration: None

2019 course offered: upon request

TCO Skill Enhancement Classes

Math for the Trades

8 hour course. This class is a basic treatment of trade math beginning with general math, fractions, and decimals.

Prerequisite: None

Expiration: None

2019 course offered: Feb 27-28, Apr 10-11, Jul 10-11, Oct 9-10

MSHA Refresher

8 hour course. This course reviews/refreshes OSHA regulations for mine safety.

Prerequisite: MSHA 24

Expiration: refresh annually

2019 course offered: upon request

OSHA 30

30 hour course. This course covers a more in depth examination of OSHA standards, rights and responsibilities of employer and employee

Prerequisite: None

Expiration: None

2019 course offered: Mar 19-21 & 26-28, May 13-15 & 20-22, Jul 30-Aug 1 & 6-8, Oct 1-3 & 8-10

PITO Rough Terrain

8 hour course. This class introduces many kinds of lift trucks—their components and applications. The text focuses on rough terrain lift trucks.

2019 course offered: Mar 20-21, Apr 17-18, May 22-23, Jun 19-20, Jul 17-18, Aug 21-22, Sep 25-26, Oct 16-17

Rigging

40 hour course. This class introduces and supports the hands-on portion of the Rigging and Signaling course. An introductory chapter on the history of rigging is followed by chapters on safety, wire rope, chain construction, slings, hardware, and knot-tying techniques.

Prerequisite: None

Expiration: 4 years

2019 course offered: see Shosten Training Center

MSHA

24 hour course. This course covers OSHA regulations for mine safety.

Prerequisite: None

Expiration: 1 year, then refresh annually

2019 course offered: upon request

OSHA 10

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

Prerequisite: None

Expiration: None

2019 course offered: Feb 6-7, Feb 20-21 (Spanish), Mar 6-7, Apr 24-25, Jun 12-13, Aug 28-29, Nov 13-14

PITO Industrial

8 hour course. This class introduces many kinds of lift trucks—their components and applications. The text focuses on industrial lift trucks.

2019 course offered: Jan 23-24, Feb 20-21, Jun 12-13, Sept 11-12, Oct 30-31, Nov 20-21, Dec 18-19

PRO 10

10 hour course. Professionalism, communication, diversity, Union history, safety, and "Big Picture".

2019 course offered: Jan 9-10, Feb 6-7, Mar 5-6, Mar 27-28 (local 930), Apr 10-11, May 1-2, July 1-2, Sep 11-12, Oct 12, Nov 5-6

Rigging Refresher

16 hour course. This class refreshes/reviews 40 hour Rigging Course

Prerequisite: Rigging 40 hr.

Expiration: 4 years

2019 course offered: see Shosten Training Center

TCO Skill Enhancement Classes

Scaffold 40

40 hour course. This class provides clarification of the roles of a competent person and a qualified person and presents training requirements for erectors, dismantlers, and users. Information and guidance are given for calculating capacity and contributory leg loads.

Prerequisite: None

Expiration: 4 years

2019 course offered: *see Shosten Training Center*

Silica Awareness

2 hours course. This class covers understanding the hazards of silica, with an overview of OSHA Construction silica final rule.

2019 course offered: Jan 28, Apr 29, Aug 26, Dec 16

Solid Surface

16 hour course. The Solid Surfaces 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.

Expiration: 4 years

2019 course offered: Jan 21-24, Feb 18-21, Mar 25-28, May 13-16, Aug 19-22, Oct 21-24, Nov 18-21

Total Station I and II

8 hour course. Covers a combination of Total Station I and II. 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.

2019 course offered: *upon request*

Scaffold 40 Refresher

8 hour course. This class refreshes/reviews scaffold 40 hour class

Prerequisite: Scaffold 40

Expiration: 4 years

2019 course offered: Mar 20-21, Jun 12-13, Sep 11-12

Stepping Up to Foreman

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

Prerequisite: None

Expiration: None

2019 course offered: Feb 20-21, Apr 3-4, Jun 26-27, Aug 14-15, Oct 23-24

Spectra Precision QML-800

8 hour course. Digital blueprint reading and layout procedures.

2019 course offered: Feb 6-7, Apr 24-25, Jun 5-6, Sep 25-26, Nov 13-14

Trade Show Installation & Dismantling

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

Prerequisite: Must have 3 of the following:

Aerial Lift, First Aid/CPR/AED, OSHA, Scaffold, PITO

2019 course offered: *upon request*