

August 2022

Skill Enhancement Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
31	1 TCC - 4:30 - 8:30pm Math for Trades 8hrs	2	3	4	5	6
7	8 LJS - 4:30 - 8:30pm Welding Enhancement 16hrs TCC - 4:30 - 8:30pm First Aid/CPR/AED 8hrs	9 LJS - 4:30 - 8:30pm MSHA Refresher 8hrs	10 TCC - 4:30 - 8:30pm Blueprint - Advanced 8hrs	11	12	13
14	15 LJS - 4:30 - 8:30pm Construction Fall Protection 8hrs	16	17	18 LJS - 4:30 - 8:30pm Confined Space Refresher 4hrs	19	20
21	22 LJS - 4:30 - 8:30pm First Aid/CPR/AED 8hrs	23 TCC - 4:30 - 8:30pm ICRA 24 pt.1 24hrs	24 TCC - 4:30 - 8:30pm Hilti PLT 8hrs	25	26	27 TCC - 7:00 - 3:30pm ICRA 24 pt.2
28	29 TCC - 4:30 - 10:00pm OSHA 10 10hrs	30	31 TCC - 4:30 - 8:30pm ICRA Refresher 8hrs	1	2	3

Notes:

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

September 2022

Skill Enhancement Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
28	29	30	31	1	2	3
			TCC - 4:30 - 8:30pm ICRA Refresher 8hrs			
4	5	6	7	8	9	10
	Labor Day					
		LJS - 4:30 - 8:30pm MSHA				
11	12	13	14	15	16	17
	LJS - 4:30 - 8:30pm Welding Enhancement 16hrs					LJS - 7:00am - 3:30pm Welding Enhancement 8hrs
	TCC - 4:30 - 8:30pm First Aid/CPR/AED 8hrs		TCC - 4:30 - 8:30pm Blueprint Basics 8hrs			
		LJS - 4:30 - 8:30pm Scaffold Refresher 8hrs				
18	19	20	21	22	23	24
25	26	27	28	29	30	1
	TCC - 4:30 - 8:30pm MEWPS 8hrs		TCC - 4:30 - 10:00pm OSHA 10 10hrs			

Notes: Requirements: Union card, Hard Hat, Safety Glasses and Work Boots

October 2022

Skill Enhancement Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
25	26	27	28	29	30	1
2	3	4	5	6	7	8
	LJS - 4:30 - 8:30pm Welding Enhancement 16hrs					LJS - 7:00am - 3:30pm PITO - Rough Terrain 8hrs
	TCC - 4:30 - 8:30pm Construction Fall Protection 8hrs		TCC - 4:30 - 8:30pm ICRA Refresher 8hrs			
9	10	11	12	13	14	15
	LJS - 4:30 - 8:30pm Rigging Refresher 16hrs					LJS - 7:00am - 3:30pm Welding Enhancement 8hrs
	TCC - 4:30 - 8:30pm First Aid/CPR/AED 8hrs		TCC - 4:30 - 8:30pm MEWPS 8hrs			
		LJS - 4:30 - 8:30pm Scaffold Refresher 8hrs				
16	17	18	19	20	21	22
	TCC - 4:30 - 8:30pm ICRA 24 pt.1 24hrs					TCC - 7:00 - 3:30pm ICRA 24 pt.2
	LJS - 4:30 - 8:30pm Hazard Communication 8hrs			LJS - 4:30 - 8:30pm Confined Space Refresher 4hrs		
23	24	25	26	27	28	29
	LJS - 4:30 - 10:00pm OSHA 10 10hrs		TCC - 4:30 - 8:30pm Math for Trades 8hrs			
	TCC - 4:30 - 10:00pm OSHA 10 10hrs		LJS - 4:30 - 8:30pm PITO - Industrial 8hrs			

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 2022

Skill Enhancement Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
30	31	1	2	3	4	5
			TCC - 4:30 - 8:30pm First Aid/CPR/AED 8hrs			
6	7	8	9	10	11	12
	LJS - 4:30 - 8:30pm Welding Enhancement 16hrs					
	TCC - 4:30 - 8:30pm Door Hardware pt.1 24hrs					
		LJS 4:30 - 8:30pm MSHA Refresher 8hrs				
	TCC - 4:30 - 8:30pm MEWPS 8hrs					
	LJS - 4:30 - 8:30pm Intro to Welding 8hrs					
13	14	15	16	17	18	19
	TCC - 4:30 - 8:30pm Door Hardware pt.2					LJS - 7:00am - 3:30pm Welding Enhancement 8hrs
		TCC - 4:30 - 8:30pm PITO Industrial 8hrs				
20	21	22	23	24	25	26
				Thanksgiving Day		
27	28	29	30	1	2	3
	LJS - 4:30 - 8:30pm Scaffold 40 pt.1 40hrs					
	TCC - 4:30 - 10:00pm OSHA 10 10hrs					
	LJS - 4:30 - 8:30pm First Aid/CPR/AED 8hrs					

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 2022

Skill Enhancement Schedule

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
27	28	29	30	1	2	3
	LJS - 4:30 - 8:30pm Scaffold 40 pt.1 40hrs					
4	5	6	7	8	9	10
	LJS - 4:30 - 8:30pm Welding Enhancement 16hrs					LJS - 7:00 - 3:30pm Scaffold 40 pt.3
	LJS - 4:30 - 8:30pm Scaffold 40 pt.2					
		LJS - 4:30 - 8:30pm MSHA Refresher 8hrs				
11	12	13	14	15	16	17
	TCC - 4:30 - 8:30pm First Aid/CPR/AED 8hrs		TCC - 4:30 - 8:30pm MEWPS 8hrs			LJS - 7:00am - 3:30pm Welding Enhancement 8hrs
	TCC - 4:30 - 8:30pm Blueprint - Advanced 8hrs					
		TCC - 4:30 - 8:30pm ICRA Refresher 8hrs				
18	19	20	21	22	23	24
	TCC - 4:30 - 8:30pm Construction Fall Protection 8hrs					Christmas Day
25	26	27	28	29	30	31

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

TCC-LJS Skill Enhancement Classes

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

2022 course offered: upon request

Architectural Sheet Metal:

8 hour course.

2022 course offered: upon request

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

2022 course offered: Jan 17-18, Mar 21-22, May 18-19, July 25-26, Sept 14-15

Construction Master Pro

2022 course offered: upon request

Confined Space Refresher

8 hour course. This class refreshes Confined Space
Prerequisite: Confined Space
Expiration: None

2022 course offered: Jan 20, Apr 21, Aug 18, Oct 20

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

2022 course offered: May 09-10, July 20-21, Oct 03-04, Dec 19-20 Feb 14-15, Apr 18-19, Aug 15-16

American Red Cross CPR/First Aid/AED

8 hour course. This class provides a First Aid/CPR/AED qualification
Prerequisite: None
Expiration: 2 years

2022 course offered: Jan 03-04, Feb 07-08, Mar 14-15, Apr 06-07, May 02-03, Jun 15-16, July 11-12, Aug 08-09, Sep 12-13, Oct 10-11, Nov 02-03, Dec 12-13 Mar 02-03, Jun 13-14, Aug 22-23, Nov 29-30

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

2022 course offered: upon request

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

2022 course offered: Feb 02-03, Mar 30-31, Aug 10-11, Dec 12-13

Confined Space

2022 course offered: Jan 31-Feb 03, Jun 06-09

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

2022 course offered: upon request

Controlling Contaminants: Food and Bev

24 hour course. Food, Beverage and Pharmaceutical Industry specific. Policies and Procedures used to limit the amount of disruptions and contaminants in these facilities.
Prerequisite: None
Expiration: None

2022 course offered: May 31-Jun 02, Jul 11-16

TCC-LJS Skill Enhancement Classes

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.

2022 course offered: Feb 07-17, June 13-22, Nov 07-16

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: Take and score 90% or higher in both Door Hardware 1 and 2

2022 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.

2022 course offered: Apr 11-12

Foreman Concepts 1:

4 hour course. 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. Prerequisite: None

2022 course offered: May 16

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: Take and score a 90% or
2022 course offered: upon request

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

Prerequisite: Journey level carpenter

2022 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.

2022 course offered: upon request

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

2022 course offered: Jan 17-18, Mar 14-15, Jun 27-28, July 18-19, Oct 17-18

TCC-LJS Skill Enhancement Classes

Foreman Training - Effective

Communication I: 4 hour course. This class 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.

2022 course offered: *May 17*

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

M-Th 4:30 - 8:30pm, Sat 7:00 - 3:30pm

2022 course offered: *Jan 31- Feb 05, Mar 28 - Apr 02, Jun 20-25, Aug 22-27, Oct 17-22*

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

2022 course offered: *Jan 24-25, Mar 16-17, Apr 20-21, May 16-17, Jun 29-30, Aug 31-Sep 01, Oct 05-06, Dec 13-14*

2022 course offered: ,

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.

2022 course offered: *upon request*

Lean Construction I

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

Prerequisite: None

Expiration: None

2022 course offered: *upon request*

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

Hilti PLT 300 Layout:

8 hour course. Digital blueprint reading and layout procedures.

2022 course offered: *Jan 25-26, Aug 24-25*

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

2022 course offered: *Jan 24-25, Mar 16-17, Apr 20-21, May 16-17, Jun 29-30, Aug 31-Sep 01, Oct 05-06, Dec 13-14*

Intro to Multimeter

4 hour course. Introduces members to the basic functions and use of a multimeter. Included also in this class will be electrical safety and general knowledge information on measuring

2022 course offered: *Jan 26*

Intro to Welding

8 hour course. Safety, terminology and welding process introduction for members with little or no welding

2022 course offered: *Feb 07-08, Apr 04-05, Nov 07-08*

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

2022 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

2022 course offered: *upon request*

MSHA

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

Prerequisite: None

Expiration: 1 year, then refresh annually

TCC-LJS Skill Enhancement Classes

2022 course offered: *Apr 13-14, Aug 01-02, Oct 26-27*

MEWP's

8 hour course. Formally known as aerial lift, covers safety issues and guidelines for mobile elevating 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, and the required practical for Group A, Type 3 and Group B, Type 3. This class is required for anyone who was not previously aerial lift certified, or those members who do not have aerial lift

2022 course offered: *Jan 03-04, Feb 16-17, Apr 04-05, May 11-12, June 15-16, July 13-14, Aug 22-23, Sept 26-27, Oct 12-13, Nov 07-08, Dec 14-15*

MSHA Refresher

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

Prerequisite: MSHA 24

Expiration: refresh annually

2022 course offered: *upon request*

OSHA 30

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

Prerequisite: None

2022 course offered:

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.

2022 course offered: *Jan 15, Apr 23, May 28, June 18, Oct 08, Dec 10*

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

2022 course offered:

2022 course offered: *upon request*

MEWP's-Supp

6 hour course. Formally known as aerial lift, covers safety issues and guidelines for mobile elevating work platforms that can be driven in an extended position and moves both inside and outside tipping lines. Class includes classroom theory, 30 question exam, and the required practical for Group A, Type 3 and Group B, Type 3. This class is for members who are currently certified and it appears on their TVC.

2022 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

2022 course offered: *Jan 10-11, Mar 23-24, Apr 18-19, May 23-24, June 27-28, Aug 29-30, Sept 28-29, Oct 24-25, Nov 28-29, Feb 21-22, May 23-24, Oct 24-25*

PITO Industrial

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

2022 course offered: *Mar 16-17, May 25-26, July 18-19, Nov 16-17, Jan 24-25, Apr 18-19, July 25-26, Oct 26-27*

EPIC - Formerly PRO 10

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

2022 course offered: *Jan 12-13, Feb 9-10, Mar 9-10, Apr 12-13, May 11-12, July 26-27, Sept 7-8, Oct 12-12, Nov 15-16*

Rigging Refresher

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

Prerequisite: Rigging 40 hr.

Expiration: 4 years

2022 course offered: *Jan 10-13, Apr 11-14, Oct 10-13*

TCC-LJS 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

2022 course offered: *Feb 21-Mar 05, Jun 20-July 02, Nov 28-Dec 10*

Silica Awareness

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

2022 course offered: *upon request*

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.

Prerequisite: Minimum 3rd year apprentice or take the required safety class

2022 course offered: *upon request*

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.

2022 course offered: *upon request*

Welding Enhancement - 16 hour

16 hour course. Self-paced opportunity to practice welding. SMAW, FCAW and GTAW available.

Class will start promptly at 4:30pm

Prerequisite: Intro to Welding

2022 course offered: *Jan 03-06, Feb 09-10, Mar 07-10, Apr 06-07, May 09-12, Jun 20-23, July 11-14, Oct 03-06, Nov 07-10, Dec 05-08*

Scaffold 40 Refresher

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

Prerequisite: Scaffold 40

Expiration: 4 years

2022 course offered: *Jan 11-12, Feb 15-16, Mar 08-09, Apr 12-13, May 10-11, Jun 07-08, Aug 09-10, Sept 13-14, Oct 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

2022 course offered: *upon request*

Spectra Precision QML-800

8 hour course. Digital blueprint reading and layout procedures.

2022 course offered: *upon request*

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

2022 course offered: *upon request*

Welding Enhancement - Saturdays - 8 hour

8 hour course. Self-paced opportunity to practice welding. SMAW, FCAW and GTAW available.

Class will start promptly at 7:30am

2022 course offered: *Jan 15, Feb 19, Apr 16, May 21, June 11, July 16, Sept 17, Oct 15, Nov 19, Dec 17*

TCC-LJS Skill Enhancement Classes

Welding for Steel Stud Ind - 16 hour

16 hour course. Members can practice light gauge sheet metal welding in both SMAW and FCAW weld processes. Class will start promptly at 4:30pm
Recommened prerequisite: Intro to

2022 course offered: *upon request*

Carpenters Training Institute
Twin Cities Campus - 651.646.7337
LJ Shosten Campus - 651.233.2353

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