

St. Paul Electrical JATC Training Center

FALL 2023 CLASS SCHEDULE

CABLE SPLICING (Thursdays) *CLASS SIZE LIMIT 12

Class includes hands-on training along with classroom instruction, hand-building terminations for both capacitive and geometric stress relief, building workable splices solely with tape, assembling terminations and splices using heat shrink and cold shrink, load-break elbows, modular terminations and splices, instruction on terminating an SF6 switch. There will be two evenings of testing DC hipot and VLF tan delta. This is a 12 night class.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Andy Clarkson	9/14/2023 To 11/30/2023	4:30 p.m. To 7:30 p.m.	MN - 16 Hrs	\$20.00/Tuition Fee \$60.00/Material Fee \$80.00/TOTAL

CPR FIRST AID *CLASS SIZE LIMIT 20

CPR/First Aid is an 8 hour class covering infant, child and adult CPR and standard First Aid. It is a combination of classroom and hands on. Participants must successfully complete both skills and written evaluations to receive their card. Certification is good for 2 years. This is a 2 night class.

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Mondays (2)	Ed Nelson Mike Towle	10/16/2023 To 10/23/2023	4:30 p.m. To 8:30 p.m.	\$20.00/Tuition Fee \$25.00/Book Fee \$30.00/Material Fee \$75.00/TOTAL
2 Mondays (2)	Ed Nelson Mike Towle	12/04/2023 To 12/11/2023	4:30 p.m. To 8:30 p.m.	\$20.00/Tuition Fee \$25.00/Book Fee \$30.00/Material Fee \$75.00/TOTAL

ELECTRICAL GROUNDING (Mondays)

Students will use the code book to determine and apply proper grounding practices. This is a 4 night class.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Dave Porter	11/06/2023 TO 11/27/2023	4:30 p.m. To 8:30 p.m.	MN - 16 Hrs	\$20.00/TOTAL

Interested in taking your code class online?

Check out what we have to offer on the LAST page!

JW CLASS SCHEDULE - FALL 2023

ELECTRICAL VEHICLE INFRASTRUCTURE TRAINING PROGRAM/EVITP V4.0 (Wednesdays)

This is a self-guided course that provides an introduction to vehicle charging products and associated equipment on the market today as well as the necessary load calculations for planning and installing charging infrastructure. The course serves as an instructional primer for the Electric Vehicle Infrastructure Training Program (EVITP) Certification Exam. This is a 5 night class; 4 class nights + 1 exam night. Laptop required.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Grayson Neff Thaddeus Cialek	10/04/2023 To 11/01/2023	4:30 p.m. To 8:30 p.m.	N/A	\$20.00/Tuition Fee \$75.00/Exam fee <u>\$20.00/Material Fee</u> \$115.00/TOTAL

FOREMAN DEVELOPMENT SERIES (Mondays) *CLASS SIZE LIMIT 30

The Foreman Development Series (FDS) consists of individual modules where foremen and journeymen have the opportunity to participate in an interactive learning atmosphere of teaching and discussion focused on industry "best-practices." This class session will cover the first 4 modules of this 16 module series: The Role of the Foreman, Project Start-up, Material Management and Labor Relations. This is a 4 night class. Additional modules may be available depending upon interest. For more information: <https://www.ibew.org/7thdistrict/Training-Programs>.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Ryan Anez Shawn Weyer	10/23/2023 To 11/13/2023	4:30 p.m. To 7:30 p.m.	N/A	\$20.00/Tuition Fee <u>\$20.00/Material Fee</u> \$40.00/TOTAL

HVAC (Thursdays) *CLASS SIZE LIMIT 12

This course will include HVAC system types, electrical fundamentals, system components, trouble shooting, AC systems, Gas furnaces, and ECM motors. This is a 10 night class.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Troy Burger	9/14/2023 To 11/16/2023	4:30 p.m. To 8:30 p.m.	N/A	\$20.00/Tuition Fee <u>\$50.00/Material Fee</u> \$70.00/TOTAL

INSTRUMENTATION (Mondays) *CLASS SIZE LIMIT 16

This class makes use of a live demonstration process recovery unit. The instructor will address the areas of instrument calibration, loop checking, control system start up and fundamentals of microprocessor systems. This unit will allow for hands-on training. This is a 15 night class.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Keith Setley	11/06/2023 To 2/26/2024	4:30 p.m. To 7:30 p.m.	MN - 16 Hrs	\$20.00/Tuition Fee <u>\$80.00/Material Fee</u> \$100.00/TOTAL *Exam \$75 TBD

MASTER CODE CALCULATIONS (Wednesdays)

The focus of this course is on the different types of calculations required to properly apply the rules outlined in the NEC and help you prepare to take your State Masters exam. This is a 10 night class.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Mike Buck	10/04/2023 To 12/13/2023	4:30 p.m. To 7:30 p.m.	MN - 16 Hrs	\$20.00/Tuition Fee <u>\$50.00/Material Fee</u> \$70.00/TOTAL

JW CLASS SCHEDULE - FALL 2023

NFPA 70E

This class discusses the hazards encountered while working near or on energized equipment and the OSHA requirements to perform the work. The course is 2 nights and needs to be retaken every three years.

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Wednesdays (2)	Nick Judge	10/04/2023 To 10/11/2023	4:30 p.m. To 7:30 p.m.	\$20.00/Tuition Fee \$10.00/Material Fee \$30.00/TOTAL
2 Thursdays (2)	Nick Judge	12/07/2023 To 12/14/2023	4:30 p.m. To 7:30 p.m.	\$20.00/Tuition Fee \$10.00/Material Fee \$30.00/TOTAL

OSHA 10

This course teaches the basics of construction safety and provides the means of finding and understanding the regulations that are covered in the OSHA code of federal regulations (CFR) 1926. The class covers various topics such as SPRING protection, electrical safety and hazardous communication as well as other areas most electricians will encounter on the job. This is a 3 night class.

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Mondays (3)	Shawn Weyer	9/11/2023 To 9/25/2023	4:30 p.m. To 8:30 p.m.	\$20.00/Tuition Fee \$30.00/Book/Material Fee \$50.00/TOTAL
2 Thursdays (3)	Shawn Weyer	12/07/2023 To 12/21/2023	4:30 p.m. To 8:30 p.m.	\$20.00/Tuition Fee \$30.00/Book/Material Fee \$50.00/TOTAL

PLANGRID/ELECTRONIC PRINT READING (Mondays) *CLASS SIZE LIMIT 25

This course is an introduction to software based blueprint reading with PlanGrid's current system. This a 2 night class.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Shawn Weyer	12/04/2023 To 12/11/2023	4:30 p.m. To 8:30 p.m.	MN - 4 Hrs Technical	\$20.00/Tuition Fee \$10.00/Material Fee \$30.00/TOTAL

PLC I - PROGRAMMABLE LOGIC CONTROL (Thursdays) *CLASS SIZE LIMIT 20

Course work will consist of lab exercises for a variety of Allen-Bradley CompactLogix PLC hardware and Rockwell Automation RSLogix 5000 software applications. Journeyworkers considering this course are encouraged to complete a self-study exercise prior to the start of the course. The introductory material will provide significant insight to the novice user as well as review for the more experienced. This exercise will cover basic PLC operation such as hardware components and their function, memory organization, number systems, fundamentals of logic and basic programming instructions. The study guide will link concepts to be studied to the specific location where the materials are presented in the accompanying *Programmable Logic Controllers* textbook. The study guide and textbook will be available at the JATC office. A credit card hold of \$100 will be charged pending return of the textbook once class completes. The *National Electrical Code* requirements for the installation of PLC hardware and Class 1 and Class 2 remotely control circuits will be reviewed. This class is a 10 night class.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Mike Buck	10/02/2023 To 12/11/2023	4:30 p.m. To 7:30 p.m.	N/A	\$20.00/Tuition Fee \$50.00/Material Fee \$70.00/TOTAL

JW CLASS SCHEDULE - FALL 2023

PRO-10/CODE OF EXCELLENCE AND CORE 4

The Labor, Users and Contractors Committee has initiated a "Union Construction Professional Training" program called PRO-10. This is a 10 hour class and developed for the building trades. The program is designed to provide increased value to electrical construction and maintenance users by enhancing the performance of signatory employers and the efficiency and craftsmanship of IBEW workers.

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Thursdays (2)	Johnney Harris	9/21/2023 To 9/28/2023	4:30 p.m. To 8:30 p.m.	\$20.00/Tuition Fee \$25.00/Book/Material Fee \$45.00/TOTAL
2 Thursdays (2)	Johnney Harris	11/02/2023 To 11/09/2023	4:30 p.m. To 8:30 p.m.	\$20.00/Tuition Fee \$25.00/Book/Material Fee \$45.00/TOTAL

TRIMBLE *CLASS SIZE LIMIT 8

JATC will be offering a 2 night Trimble class, 3 hours per night. This course is a basic introduction of construction layout with Trimble's laser measuring robotic total station and prism pole.

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Wednes- days (2)	Shawn Weyer Tim Garcia	12/06/2023 & 12/13/2023	4:30 p.m. To 7:30 p.m.	\$20.00/Tuition Fee \$10.00/Material Fee \$30.00/TOTAL

WELDING (Wednesdays) *CLASS SIZE LIMIT 7

The instructor is Rick Dahlstrom who was in charge of the Welding program at St. Paul College and has retired. He will be teaching Stick and MIG Welding. Included is Acetylene and Plasma cutting techniques. This is a 7 night class.

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1	Rick Dahlstrom	10/18/2023 To 11/29/2023	4:30 p.m. To 7:30 p.m.	\$20.00/Tuition Fee \$60.00/Material Fee \$80.00/TOTAL



JW CLASS SCHEDULE - FALL 2023

Weekend Code Classes

WEEKEND CODE CLASS

Location: Local 110 Union Hall

SESSION	INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	TUITION FEE
1 Saturday/ Sunday	Dave Porter Dave Blank Randy Klossner Keith Setley	10/14/2023	8:00 a.m.	IA - 16 Hrs MN - 16 Hrs ND - 16 Hrs WI - TBD	\$50.00/TOTAL
		10/15/2023	To 4:30 p.m.		
2 Saturday/ Sunday	Dave Porter Dave Blank Randy Klossner Keith Setley	12/02/2023	8:00 a.m.	IA - 16 Hrs MN - 16 Hrs ND - 16 Hrs WI - TBD	\$50.00/TOTAL
		12/03/2023	To 4:30 p.m.		

Code Class/IN-PERSON

NIGHT CODE UPDATE CLASSES

IN-PERSON/ONLINE *ONLINE CLASS SIZE LIMIT 24

These code review classes are supplemented with power point presentations. Included is an analysis of the 2023 NEC by both the International Association of Electrical Inspectors and the Electrical Licenses and Inspection Unit. This course has been approved by the Electrical Licensing Unit of Iowa, Minnesota, North Dakota and Wisconsin. A class certificate for 4 hours will be emailed to you for your own record keeping. JATC will submit CEU credit electronically to Iowa, Minnesota, North Dakota and Wisconsin.

* IMPORTANT - MUST READ!!!

You must register for 1 class night/date of the 4 separate instructors to fulfill 16 hours CEU credits. Per STATE requirements for CEU credits, taking code update classes by the same instructor during your renewal cycle will not count toward additional CEU credits. Your class night/date selection can be completed in any order that is convenient to your schedule. NO MAKE UP CLASS. You must attend the night that you register for, if you are not on the class roster, you will not be allowed to stay for class.

The 5 instructors: Dave Porter / Dave Blank / Randy Klossner / Keith Setley / Jason Reinsch

SESSION	INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	TUITION FEE
Mondays	Dave Blank	9/11/2023	4:30 p.m.	IA - 4 Hrs MN - 4 Hrs ND - 4 Hrs WI - TBD	\$5.00/TOTAL per class
		10/23/2023	To		
		11/13/2023	8:30 0p.m.		
		12/11/2023			
Tuesdays	Keith Setley	9/12/2023	4:30 p.m.	IA - 4 Hrs MN - 4 Hrs ND - 4 Hrs WI - TBD	\$5.00/TOTAL per class
		10/24/2023	To		
		11/14/2023	8:30 p.m.		
		12/12/2023			
Wednesdays	Randy Klossner	9/13/2023	4:30 p.m.	IA - 4 Hrs MN - 4 Hrs ND - 4 Hrs WI - TBD	\$5.00/TOTAL per class
		10/25/2023	To		
		11/15/2023	8:30 p.m.		
		12/13/2023			
Thursdays	Dave Porter	9/14/2023	4:30 p.m.	IA - 4 Hrs MN - 4 Hrs ND - 4 Hrs WI - TBD	\$5.00/TOTAL per class
		10/26/2023	To		
		11/16/2023	8:30 p.m.		
		12/14/2023			

♦.....JW COST, POLICIES, & OTHER INFO. - FALL 2023.....♦

Code Class/ONLINE

SESSION	INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	TUITION FEE
Mondays	Jason Reinsch	<u>9/18/2023</u> <u>11/27/2023</u>	4:30 p.m. To 8:30 p.m.	MN - 4 Hrs	\$5.00/TOTAL per class
Tuesdays	Keith Setley	<u>9/19/2023</u> <u>11/28/2023</u>	4:30 p.m. To 8:30 p.m.	MN - 4 Hrs	\$5.00/TOTAL per class
Wednesdays	Randy Klossner	<u>9/20/2023</u> <u>11/29/2023</u>	4:30 p.m. To 8:30 p.m.	MN - 4 Hrs	\$5.00/TOTAL per class
Thursdays	Dave Porter	<u>9/21/2023</u> <u>11/30/2023</u>	4:30 p.m. To 8:30 p.m.	MN - 4 Hrs	\$5.00/TOTAL per class

OTHER INFO....ONLINE CLASS

DEVICE REQUIREMENTS: Laptop or desktop with camera, speaker and microphone. I pads and cell phones do not have full functionality and can cause connection problems.

TUITION FEE POLICY - Local #110 members

A \$20.00 tuition fee per class is required along with any book, exam or material fees. Code update classes will be \$5 tuition fee per class.

RECIPROCITY FOR 110 MEMBERS TAKING CLASSES AT LOCAL 242, 292, 294 AND 343 JATC TRAINING CENTERS

To register for a class at the #242/#294 training center, visit their website at www.ibew242-neca.org.

To register for a class at the #292 training center contact the Minneapolis JATC (763) 497-0072 or visit their website at www.mplsjatc.org.

To register for a class with #343, contact Mike Bambrick at (507) 529-7721.

OUTSIDE IBEW MEMBERS

IBEW electricians in good standing, who are not members of Local 242, 292, 294 or Local 343 will be allowed to take classes, provided there is space available. An additional \$20.00 tuition fee plus any additional book or material fee if applicable, except code update classes will have an additional \$5 tuition fee per class.

REFUND POLICY

Tuition fee may be reimburse if contact is made at least 5 days prior to the class start date.