



St. Paul Electrical Training Center

FALL 2021 CLASS SCHEDULE

Congratulations to all the new 110 Journeyworkers!

Outstanding Apprentice awarded to: Mitchel Krueger

Perfect Attendance awarded to: Daniel Becerra and Khanh Le



2021 Completion Ceremonies - St Paul Electrical JATC - Mancini's Char House

March 24
upper photo

back row: Tim Garcia, Luke Kuhl, Nicholas Klar, Mitchell Krueger, Michael Ohmann, Daniel Piper, James Sowers, Jeffrey Winsor, Ryan Wolkerstorfer, Doug Suchanek, Ed Schones, Jamie McNamara, John Gorg

front row: Tim Grimm, Ibrahima Bangoura, Thomas Bock, Thaddeus Cialek, Michael Gaspar, Nicholas Greiner, Paul Hackbarth, Daniel King, Shawn Weyer

June 16
lower photo

back row: Owen Hoppe, Mark Wolkerstorfer, Troy Koehnen, Bradley Gartner, Noah Vang, Ed Schones, Eli Robinson, Quentin Sayer

middle row: Dylan Hoadley, Jordan Kofas, Casarae Anderson, Daniel Becerra, Anthony Armstrong, Brandon Meas, Shawn Weyer, Jamie McNamara, Doug Suchanek, Christina Davis, John Gorg

front row: Tim Garcia, Zachary Smith, Daniel Meza, Jorge Martinez, Scott Reamer, Thomas Mergens, Marcus VanGelder, Michael Wicker, Ryan Schulkers



JW CLASS SCHEDULE - FALL 2021

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 *Possible end date 12/23/2021	9/16/2021 To 12/16/2021	4:30 p.m. To 7:30 p.m.	MN - 16 Hrs	\$30.00/Tuition Fee \$50.00/Material Fee \$80.00/TOTAL

CPR FIRST AID

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. Partici-

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Mondays (2)	Ed Nelson Mike Towle	10/18/2021 To 10/25/2021	4:30 p.m. To 8:30 p.m.	\$30.00/Tuition Fee \$25.00/Material Fee \$55.00/TOTAL
2 Thursdays (2)	Ed Nelson Mike Towle	12/02/2021 To 12/09/2021	4:30 p.m. To 8:30 p.m.	\$30.00/Tuition Fee \$25.00/Material Fee \$55.00/TOTAL

CLASS FULL

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	11/08/2021 To 11/29/2021	4:30 p.m. To 8:30 p.m.	MN - 16 Hrs	\$30.00/TOTAL

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

This course 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 4 night class.

SESSION	INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
1	Gary Koehnen Thaddeus Cialek	10/06/2021 To 10/27/2021	4:30 p.m. To 8:30 p.m.	MN - 16 Hrs	\$30.00/Tuition Fee \$10.00/Material Fee \$40.00/TOTAL *Exam \$75 Date TBD
2	Gary Koehnen Thaddeus Cialek	12/01/2021 To 12/22/2021	4:30 p.m. To 8:30 p.m.	MN - 16 Hrs	\$30.00/Tuition Fee \$10.00/Material Fee \$40.00/TOTAL *Exam \$75 Date TBD

Check out new classes in the Winter Class Schedule—December 1st, 2021

JW CLASS SCHEDULE - FALL 2021

FIRE PROTECTION - 3M

This class provides an overview of firestop systems and their role in saving lives and property, with discussions on testing, technologies, and products that help prevent the spread of fire, smoke and toxic gases. Presenters: Dr. Paul Engen, Rodrigo Marmol and Paul Fannin all from 3M. Class is certified by 3M.

SESSION	INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
1	Paul Engen	10/20/2021	4:30 p.m. To 8:30 p.m.	MN - 4 Hrs Technical	\$30.00/Tuition Fee \$10.00/Material Fee \$40.00/TOTAL
2	Paul Engen	12/02/2021	4:30 p.m. To 8:30 p.m.	MN - 4 Hrs Technical	\$30.00/Tuition Fee \$10.00/Material Fee \$40.00/TOTAL

CLASS FULL

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. These will be (7) 3 hour classes to run on Thursday evenings.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Troy Burger	10/07/2021 To 11/18/2021	4:30 p.m. To 8:30 p.m.	N/A	\$30.00/Tuition Fee \$20.00/Material Fee \$50.00/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 class is a 15 night class.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Keith Setley	11/01/2021 To 2/21/2022	4:30 p.m. To 7:30 p.m.	MN - 16 Hrs	\$30.00/Tuition Fee \$70.00/Material Fee \$100.00/TOTAL *Exam \$75 March 7th, 2022

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 class nights.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Mike Buck	10/06/2021 To 12/15/2021	4:30 p.m. To 7:30 p.m.	MN - 16 Hrs	\$30.00/Tuition Fee \$20.00/Material Fee \$50.00/TOTAL

NFPA 70E

This class discusses the hazards encountered while working near or on energized equipment and the OSHA requirements to perform the work. The

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Wednesdays (2)	Nick Judge	10/06/2021 To 10/13/2021	4:30 p.m. To 7:30 p.m.	\$30.00/TOTAL
2 Thursdays (2)	Nick Judge	12/09/2021 To 12/16/2021	4:30 p.m. To 7:30 p.m.	\$30.00/TOTAL

CLASS FULL

JW CLASS SCHEDULE - FALL 2021

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 fall protection, electrical safety and hazardous communication as well as other areas most electricians will encounter on the job.

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Wednesdays (3)	Shawn Weyer	9/15/2021 To 9/29/2021	4:30 p.m. To 8:30 p.m.	\$30.00/Tuition Fee \$16.00/Book \$46.00/TOTAL
CLASS FULL				
2 Wednesdays (3)	Shawn Weyer	12/01/2021 To 12/15/2021	4:30 p.m. To 8:30 p.m.	\$30.00/Tuition Fee \$16.00/Book \$46.00/TOTAL

PLC - PROGRAMMABLE LOGIC CONTROL (Mondays) *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	10/04/2021 To 12/13/2021	4:30 p.m. To 7:30 p.m.	MN - 4 Hrs Technical	\$30.00/Tuition Fee \$20.00/Material Fee \$50.00/TOTAL

PRO-10/CODE OF EXCELLENCE AND CORE 4

The LUC committee (Labor, Users and Contractors) has initiated a "Union Construction Professional Training" program called PRO-10. This course is 10 hours in length. This course was developed for the building trades. The Code of Excellence 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

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Thursdays (2)	Johnney Harris	9/30/2021 To 10/07/2021	4:30 p.m. To 8:30 p.m.	\$30.00/Tuition Fee \$15.00/Material Fee \$45.00/TOTAL
CLASS FULL				
2 Thursdays (2)	Johnney Harris	11/04/2021 To 11/11/2021	4:30 p.m. To 8:30 p.m.	\$30.00/Tuition Fee \$15.00/Material Fee \$45.00/TOTAL

JW CLASS SCHEDULE - FALL 2021

Classes to be offered in the WINTER CLASS SCHEDULE:

BUILDING AUTOMATION *CLASS SIZE LIMIT 6

JATC will be offering a 5 night basic Building Automation class, 3 hours per night. This course is aimed at taking devices and equipment common in today's heating, air conditioning and other components and integrating them into one network.

PLANGRID *CLASS SIZE LIMIT 25

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

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. The instructor is Shawn Weyer.

WELDING *CLASS SIZE LIMIT 7

JATC will be offering a 7 night basic Welding class, 3 hours per night in the WINTER Class Schedule. 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.

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CODE UPDATE CLASSES

These code review classes are supplemented with power point presentations. Included is an analysis of the 2020 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.

SESSION	INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	TUITION FEE
1 Tuesdays	Dave Porter Dave Blank Randy Klossner Keith Setley	9/14/2021 9/28/2021 10/05/2021 10/12/2021	4:30 p.m. To 8:30 p.m.	IA - 16 Hrs MN - 16 Hrs ND - 16 Hrs WI - TBD	\$30.00/TOTAL
2 Thursdays	Dave Porter Dave Blank Randy Klossner Keith Setley	9/16/2021 9/30/2021 10/07/2021 10/14/2021	4:30 p.m. To 8:30 p.m.	IA - 16 Hrs MN - 16 Hrs ND - 16 Hrs WI - TBD	\$30.00/TOTAL
3 Tuesdays	Dave Porter Dave Blank Randy Klossner Keith Setley	10/26/2021 11/02/2021 11/09/2021 11/23/2021	4:30 p.m. To 8:30 p.m.	IA - 16 Hrs MN - 16 Hrs ND - 16 Hrs WI - TBD	\$30.00/TOTAL
4 Thursdays	Dave Porter Dave Blank Randy Klossner Keith Setley	10/28/2021 11/04/2021 11/11/2021 12/02/2021	4:30 p.m. To 8:30 p.m.	IA - 16 Hrs MN - 16 Hrs ND - 16 Hrs WI - TBD	\$30.00/TOTAL

ST. PAUL ELECTRICAL JATC



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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	9/25/2021 To 9/26/2021	8:00 a.m. To 4:30 p.m.	IA - 16 Hrs MN - 16 Hrs ND - 16 Hrs WI - TBD	\$50.00/TOTAL
2 Saturday/ Sunday	Dave Porter Dave Blank Randy Klossner Keith Setley	12/11/2021 To 12/12/2021	8:00 a.m. To 4:30 p.m.	IA - 16 Hrs MN - 16 Hrs ND - 16 Hrs WI - TBD	\$50.00/TOTAL

JW COST, POLICIES, & OTHER INFO. - FALL 2020

TUITION FEE POLICY - Local #110 members

A \$30.00 tuition fee is paid when you register for your 1st class of any school year. If you take more than one class between September to August you will not have to pay the \$30.00 tuition fee for any additional classes. You still have to pay any book or material fees if applicable.

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

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 292 or Local 343 will be allowed to take classes, provided there is space available. A \$50.00 tuition fee plus any additional book or material fee if applicable per class.

REFUND POLICY—CODE WEEKEND

If you register for a weekend code class and do not show or cancel at least 5 days prior, you will not be reimbursed the \$20.00 intended for food.

OTHER INFO...

It is mandatory that you receive 16 hours of training every two (2) years in order to renew your Minnesota State Electrical License. It is your responsibility to schedule a class before your license has to be renewed. **The JATC OFFICE IS NOT RESPONSIBLE IF YOUR LICENSE EXPIRES. If you have not been notified by the JATC two weeks prior to your requested class start date, it is your responsibility to contact our office.**

Classes fill up rapidly and class size is limited. If you delay it might not be possible to get the class of your choice. The JATC office along with the Electrical Licensing and Inspection Unit needs time to do the paperwork involved with crediting your class. Allow at least 2 weeks after class completion for all the paperwork to be submitted. We are dealing with a large membership—please plan ahead.

