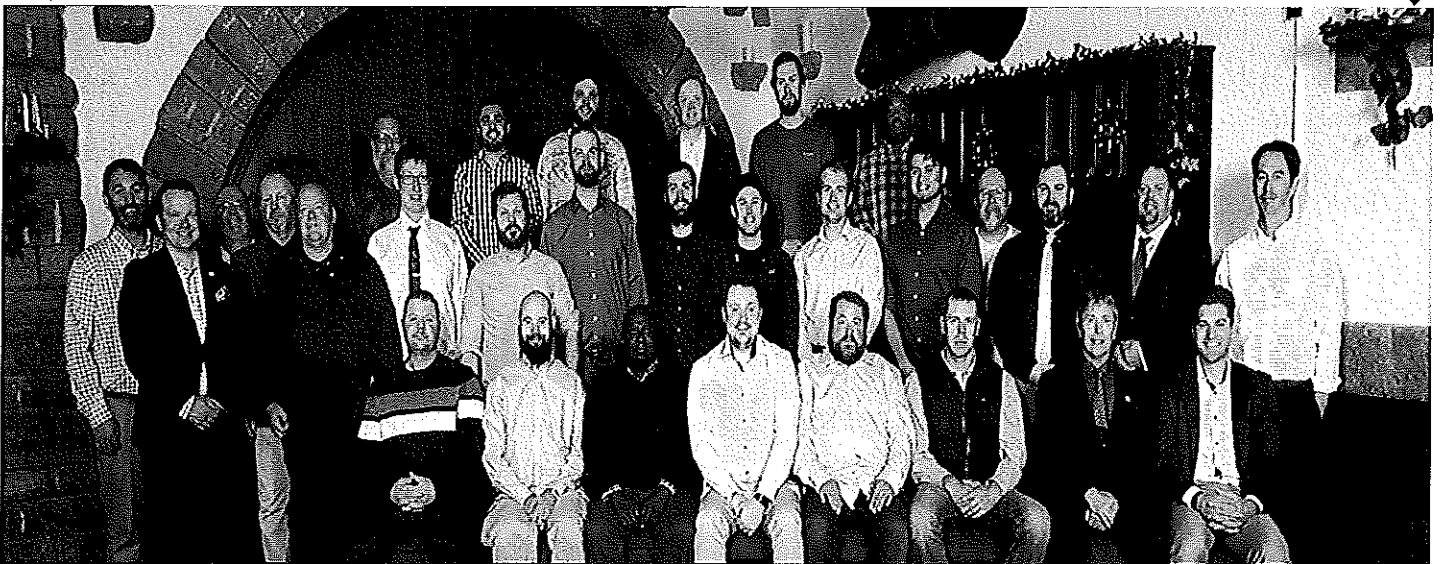


St. Paul Electrical Training Center

SPRING 2023 CLASS

Congratulations to all the new 110 Journeyworkers!



2022 Completion Ceremony - St Paul Electrical JATC - Mancini's Rathskeller - October 20, 2022

Upper Photo - back row: Herb Fedder, Silvestre Garcia, Grayson Garcia, Dana Hanson, Cole Hemme, Jeffery Henderson Jr.

middle row: Jake Halling (Committee Member), Luke Kuhl (St. Paul Chapter NECA Executive Director and Committee Member), Doug Suchanek (IBEW 110 President and Assistant Business Manager), Tim Garcia (JATC Training Coordinator), Jeff Anderson (Committee Member), Ryan Burgess, Samuel Carey, Blake Christenson, David Cole, Brady Colvard, Garrett Dahl, Joseph Eng, Mike Wolf (Committee Member), Nick Judge (JATC Day School Instructor), Shawn Weyer (JATC Day School Instructor), Rob Morello (Committee Member)

front row: Aaron Almquist, Jeff S. Anderson, Daniel Aryeetey, Nicholas Banta, Matthew Barbeau, Grant Bergloff, Jamie McNamara (IBEW Business Manager and Committee Member), Andrew Colvard (St. Paul Chapter NECA Assistant Executive Director)

Lower Photo - back row: Enrico Orbita, Daniel Schurhamer, Garrett Rhoden, Zachary Selfors, Matthew Sheldon, Keith Slinger, Wade Weller

middle row: Jeff Anderson (Committee Member), Doug Suchanek (IBEW 110 President and Assistant Business Manager), Ed Schones (JATC Day School Instructor), Aaron Malone, Rachel Malmer, Cornelius McCabe, Neron Nhul, Michael William Olson, Eric Oman, Jason Reinsch (JATC Day School Instructor), Rob Morello (Committee Member), Andrew Colvard (St. Paul Chapter NECA Assistant Executive Director), Tim Garcia (JATC Training Coordinator)

front row: Jake Halling (Committee Member), Trouacha Her, Patrick Hodgson, Christopher Johnson, Daniel C. Johnson, Torin Jones, Catherine Lenander, Mike Wolf (Committee Member), Jamie McNamara (IBEW Business Manager and Committee Member), Luke Kuhl (St. Paul Chapter NECA Executive Director and Committee Member)



♦.....JW CLASS SCHEDULE - SPRING 2023.....♦

BUILDING AUTOMATION (Thursdays) *CLASS SIZE LIMIT 6

Building Automation Level 1- Learn the BAS structural system that is made up of five major components. Sensors, Controllers, Output devices, Communication protocols and User interface. Review relevant NEC codes, wiring methods and common installations: HVAC systems, Pump/motor control, Lighting Control, Energy Monitoring and Savings. This is a 4 night class.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Jason Reinsch	2/01/2023 To 2/22/2023	4:30 p.m. To 8:30 p.m.	TBD	\$20.00/Tuition Fee \$20.00/Material Fee \$40.00/TOTAL

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	2/02/2023 To 4/20/2023	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.

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Mondays (2)	Mitch Moravec Stephen Taucher	2/06/2023 To 2/13/2023	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)	Mitch Moravec Stephen Taucher	4/17/2023 To 4/24/2023	4:30 p.m. To 8:30 p.m.	\$20.00/Tuition Fee \$25.00/Book Fee \$30.00/Material Fee \$75.00/TOTAL

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	1/09/2023 To 1/30/2023	4:30 p.m. To 7:30 p.m.	N/A	\$20.00/Tuition Fee \$20.00/Material Fee \$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	2/02/2023 To 4/06/2023	4:30 p.m. To 8:30 p.m.	N/A	\$20.00/Tuition Fee \$50.00/Material Fee \$70.00/TOTAL

♦.....JW CLASS SCHEDULE - SPRING 2023.....♦

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	3/01/2023 To 5/03/2023	4:30 p.m. To 7:30 p.m.	MN - 16 Hrs	\$20.00/Tuition Fee \$50.00/Material Fee \$70.00/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 course is 2 nights and needs to be retaken every three years.

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Tuesdays (2)	Nick Judge	2/07/2023 To 2/14/2023	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.

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Mondays (3)	Shawn Weyer	3/13/2023 To 3/27/2023	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 is a 2 night class.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Shawn Weyer	2/7/2023 To 2/14/2023	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	3/02/2023 To 5/04/2023	4:30 p.m. To 7:30 p.m.	MN - 4 Hrs Technical	\$20.00/Tuition Fee \$50.00/Material Fee \$70.00/TOTAL

◆.....JW CLASS SCHEDULE - SPRING 2023.....◆

PLC II (Mondays)

The PLC II course work will build on your knowledge and experience gained in the PLC I course. PLC I is recommended as a prerequisite, but not required. This course will utilize the Allen-Bradley CompactLogix PLC hardware and a PanelView 600 Plus operator interface terminal. Rockwell Automation RSLogix 5000 (Studio 5000) and FactoryTalk Machine Edition programming software will be used. The covered subject matter will include:

A brief review using Studio 5000 to configure a controller and I/O modules for a project, basic programming, and data organization.

A brief review using RSLinx to configure Ethernet communication.

Creating and operating applications for PanelView Plus operator interface terminals using FactoryTalk ME.

Messaging (writing and reading data) between PLC processors over Ethernet IP.

Many of the subjects will be presented using detailed, step-by-step tutorials provided in a Lab Manual with abundant direction and assistance. Students will also be given opportunities to create their own solutions. This class is a 4 night class.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Mike Buck	3/06/2023 To 3/27/2023	4:30 p.m. To 7:30 p.m.	N/A	\$20.00/Tuition Fee <u>\$25.00/Material Fee</u> \$45.00/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 workers.

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Thursdays (2)	Johnney Harris	4/20/2023 To 4/27/2023	4:30 p.m. To 8:30 p.m.	\$20.00/Tuition Fee <u>\$25.00/Material Fee</u> \$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 Tuesdays (2)	Shawn Weyer Tim Garcia	2/28/2023 To 3/07/2023	4:30 p.m. To 7:30 p.m.	\$20.00/Tuition Fee <u>\$10.00/Material Fee</u> \$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	1/25/2023 To 3/08/2023	4:30 p.m. To 7:30 p.m.	\$20.00/Tuition Fee <u>\$60.00/Material Fee</u> \$80.00/TOTAL

◆.....JW CLASS SCHEDULE - SPRING 2023.....◆

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. 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.

The 4 instructors: Dave Porter / Dave Blank / Randy Klossner / Keith Setley

SESSION	INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	TUITION FEE
Mondays	Dave Porter	<u>1/09/2023</u> <u>1/23/2023</u> <u>1/30/2023</u> <u>2/13/2023</u> <u>3/13/2023</u> <u>4/03/2023</u> <u>4/24/2023</u>	4:30 p.m. To 8:30 p.m.	IA - TBD MN - 4 Hrs ND - 4 Hrs WI - TBD	\$5.00/TOTAL per class
Tuesdays	Keith Setley	<u>1/10/2023</u> <u>1/24/2023</u> <u>1/31/2023</u> <u>2/14/2023</u> <u>3/14/2023</u> <u>4/04/2023</u> <u>4/25/2023</u>	4:30 p.m. To 8:30 p.m.	IA - TBD MN - 4 Hrs ND - 4 Hrs WI - TBD	\$5.00/TOTAL per class
Wednesdays	Randy Klossner	<u>1/11/2023</u> <u>1/25/2023</u> <u>2/01/2023</u> <u>2/15/2023</u> <u>3/15/2023</u> <u>4/5/2023</u> <u>4/26/2023</u>	4:30 p.m. To 8:30 p.m.	IA - TBD MN - TBD ND - TBD WI - TBD	\$5.00/TOTAL per class
Thursdays	Dave Blank	<u>1/12/2023</u> <u>1/26/2023</u> <u>2/02/2023</u> <u>2/16/2023</u> <u>3/16/2023</u> <u>4/6/2023</u> <u>4/27/2023</u>	4:30 p.m. To 8:30 p.m.	IA - TBD MN - 4 Hrs ND - 4 Hrs WI - TBD	\$5.00/TOTAL per class

◆.....JW CLASS SCHEDULE - SPRING 2023.....◆

WEEKEND CODE CLASS—Cambridge

Location: VIRTUAL/ONLINE

SESSION	INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	TUITION FEE
1 Saturday/ Sunday	Cari Helberg	1/28/2023 1/29/2023	8:00 a.m. To 4:30 p.m.	IA - TBD MN - 16 Hrs ND - 16 Hrs	\$50.00/TOTAL

WEEKEND CODE CLASS

Location: Local 110 Union Hall

SESSION	INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	TUITION FEE
2 Saturday/ Sunday	Dave Porter Dave Blank Randy Klossner Keith Setley	2/11/2023 2/12/2023	8:00 a.m. To 4:30 p.m.	IA - TBD MN - 16 Hrs ND - 16 Hrs WI - TBD	\$50.00/TOTAL

WEEKEND CODE CLASS—Faribault

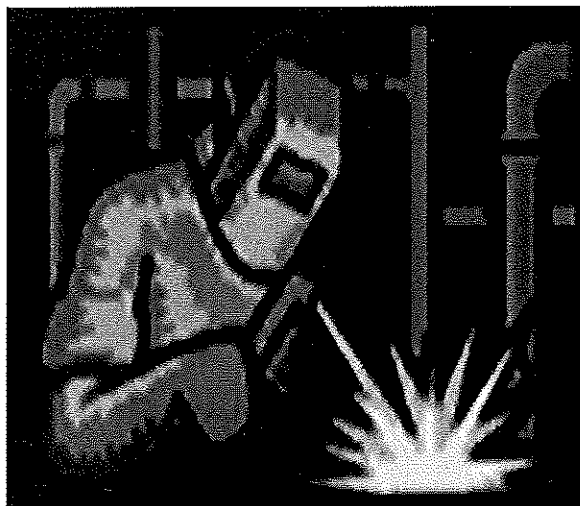
Location: Moose Lodge

SESSION	INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	TUITION FEE
3 Saturday/ Sunday	Cari Helberg	3/11/2023 3/12/2023	8:00 a.m. To 4:30 p.m.	IA - TBD MN - 16 Hrs ND - 16 Hrs	\$50.00/TOTAL

WEEKEND CODE CLASS

Location: Local 110 Union Hall

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



◆.....JW COST, POLICIES, & OTHER INFO. - SPRING 2023.....◆

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 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. 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

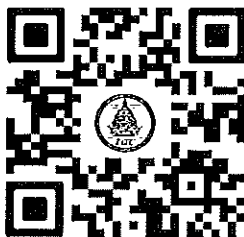
Tuition fee may be reimburse if contact is made at least 5 days prior to the class start date.

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.

ST. PAUL ELECTRICAL JATC



Find us on
Facebook

