

St. Paul Electrical JATC

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Our website has changed to:

[https://](https://www.jatc110.org)

www.jatc110.org

2017 NEC Code

Classes: If you miss a night of the 4 night code update class you can make-up the hours by attending a class taught by that same instructor that you missed.

You must attend all four instructors to get your 16 hours of credit.

Please call the JATC to make sure the schedule for the night you choose has not been changed (i.e class cancelled, instructors swapping nights, etc).

You do not have to register or pay for make-up nights.

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.

WEEKEND NEC UPGRADE CLASS:

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

INCLEMENT WEATHER:

Go to our website for any information regarding cancelled classes. www.jatc110.org. Any classes that are cancelled need to be made up at another time in order for you to receive state credit.



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

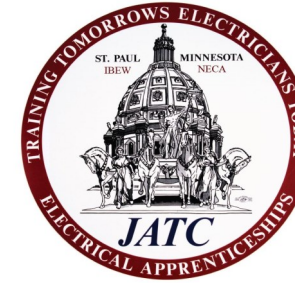
Local #110 members in good standing may take any class through Local #292 and Local #343. Each class you take requires a non-refundable fee. In addition, all participants are responsible for material and for book fees required for the classes and certification fees where they apply and are not included. 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 Andy Toft at (507) 529-7721.

Register now on-line at
<http://www.jatc110.org>



St. Paul Electrical Training Center —FALL 2019

JATC—FALL CLASS SCHEDULE 2019



JATC office hours for class

registration and book purchases are from 8:00 a.m. to 4:30 p.m. Monday thru Thursday and on Friday from 8:00 a.m. to 3:30 p.m.

We will be receiving the 2020 code books in sometime this fall. You will receive a post card in the mail and will need to bring it in with you in order to receive your code book.

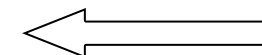
More details to come.

For information regarding your license renewal go to:
www.dli.mn.gov

REMINDER: Please keep all of your certificates that you receive from any class. These may be needed for further documentation for jobs that you take and for state renewal for your license(s).

Also keep in mind when taking a class that you cannot repeat the same class in a renewal cycle.

NEW NFPA 70E GUIDELINES



According to the NFPA-70E standard guidelines, retraining in safety related work practices and applicable changes in this standard **SHALL** be performed at intervals not to exceed three years.

We have scheduled additional courses to meet these requirements.
Register for class ASAP.

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JW COURSE DESCRIPTIONS—FALL 2019

- **CABLE SPLICING:**

This 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 class is on Thursdays evenings at 6:00 p.m. to allow refinery workers to attend without missing time. Each session is 3 hours per evening. Upon completion this class meets the 16 hours of MN state continuing education credits. This is a 12 night class. The instructor is Andy Clarkson. SEE CLASS SCHEDULE FOR MORE DETAILS.

- **CODE CALCULATIONS:**

The focus of this course is on the different types of calculations required to properly apply the rules outlined in the NEC. If you are interested in taking your State Masters Examination this is the class that will help you prepare. This is a code study course requiring 10 class nights, each 3 hours long. This class has been approved by the Electrical Licensing and Inspection Unit for 16 continuing education credits. The instructor is Mike Buck. SEE CLASS SCHEDULE FOR MORE DETAILS.

- **CODE OF EXCELLENCE:**

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. This is a one night, 4 hour class. The instructor is Dave Porter. SEE CLASS SCHEDULE FOR MORE DETAILS.

- **CONDUIT BENDING: (NEW CLASS)** 

This interactive course is designed to provide the student with practical hands-on experience and applicable trade information to become proficient at bending stub up, back to back, offset, three-bend saddles, four-bend saddles, rolling offset, and segmented/concentric bends. Students will use basic mathematics and layout information for proper bending of EMT and Rigid conduit. Instructor: Nate Koska. Class is 6 nights and 3 hours each night. SEE CLASS SCHEDULE FOR MORE DETAILS.

- **CORE 4—(Pro 10): (PRE-REQUISITE-NEED TO HAVE TAKEN CODE OF EXCELLENCE)**

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. IBEW electricians who have completed Code of Excellence will only have to complete 4 of the 10 hours to receive a PRO-10 certificate. These 4 hours are called CORE 4. This course was developed for the building trades. There are certain jobs that require PRO-10 certification. Please sign-up and be prepared to meet the jobsite requirement. Instructor is Lance Velandar. SEE CLASS SCHEDULE FOR MORE DETAILS.

OUTSIDE IBEW MEMBERS—FALL 2019

IBEW ELECTRICIANS IN GOOD STANDING, WHO ARE NOT MEMBERS OF LOCAL #110, LOCAL #292 OR LOCAL #343 AND ARE NOT WORKING IN OUR JURISDICTION, WILL BE ALLOWED TO TAKE CODE UPGRADE, FIRST AID-CPR, NFPA, CODE OF EXCELLENCE, PRO 10-CORE 4, OSHA AND INSTRUMENTATION CLASSES PROVIDED THERE IS SPACE AVAILABLE.

CODE UPGRADE CLASSES ARE \$50.00 PER ROTATION.

WEEKEND CODE CLASSES ARE \$70.00.

OSHA IS \$60.00 (BOOK INCLUDED). NFPA, \$40.00, CODE OF EXCELLENCE, \$40.00. CORE 4-Pro 10, \$45.00. Conduit Bending, \$60.00.

FIRST AID-CPR IS \$60.00 (BOOK INCLUDED).

INSTRUMENTATION IS \$120.00. (\$50.00-TUITION, \$70.00-BOOKS).

THE FOLLOWING BOOKS ARE AVAILABLE FOR ORDER AT THE JATC OFFICE

2017 NEC CODEBOOK (softcover) . . . \$95.00

2017 NFPA HANDBOOKS . . . \$155.00

CODE TABS . . . \$16.00

2017 SIGNIFICANT CHANGES . . . \$50.00

UGLY'S REFERENCE BOOK . . . \$15.00

UNDERSTANDING THE NEC (HOLT) . . . \$135.00

(Prices and availability may be subject to change)

JW CODE SCHEDULE—FALL 2019

<u>JW CODE</u> <u>CLASSES</u>	<u>START</u> <u>DATE</u>	<u>END</u> <u>DATE</u>	<u>ACTUAL DATES OF CLASS</u> <u>AND</u> <u>INSTRUCTORS</u>	<u>TIME</u>	<u>STATE</u> <u>CREDIT</u>	<u>BOOK OR</u> <u>MATERIAL FEE</u> <u>TUITION FEE</u>
<u>CODE CLASS</u> <u>(Based on the</u> <u>2017 NEC)</u> Session Five (Tuesdays)	11/05/2019	12/10/2019	11/05/2019 Dave Porter 11/12/2019 Dave Blank 11/19/2019 NO SESSION 11/26/2019 NO SESSION 12/03/2019 Randy Klossner	4:30 p.m. To 8:30 p.m.	16 Hrs	\$30.00/Tuition Fee \$30.00/TOTAL
<u>CODE CLASS</u> <u>(Based on the</u> <u>2017 NEC)</u> Session Six (Thursdays)	11/07/2019	12/12/2019	11/07/2019 Dave Porter 11/14/2019 Dave Blank 11/21/2019 NO SESSION 11/28/2019 NO SESSION 12/05/2019 Randy Klossner	4:30 p.m. To 8:30 p.m.	16 Hrs	\$30.00/Tuition Fee \$30.00/TOTAL

Weekend Code Classes

<u>TRAINING CENTER</u> <u>WEEKEND CODE</u> <u>CLASS</u>	<u>INSTRUCTORS</u>	<u>START</u> <u>DATE</u>	<u>END</u> <u>DATE</u>	<u>TIME</u>	<u>STATE</u> <u>CREDIT</u>	<u>TUITION</u> <u>FEE</u>
<u>WEEKEND</u> <u>CODE</u> <u>CLASS</u>	Dave Porter Dave Blank Randy Klossner Keith Setley	09/21/2019	09/22/2019	8:00 a.m. To 4:30 p.m.	16 Hrs	\$50.00/TOTAL
<u>WEEKEND</u> <u>CODE</u> <u>CLASS</u>	Dave Porter Dave Blank Randy Klossner Keith Setley	11/16/2019	11/17/2019	8:00 a.m. To 4:30 p.m.	16 Hrs	\$50.00/TOTAL

JW COURSE DESCRIPTIONS—FALL 2019

- **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. CPR/First Aid is 2 nights, 4 hours each class. Participants must successfully complete both skills and written evaluations to receive their card. Certification is good for 2 years for both CPR and First Aid. SEE CLASS SCHEDULE FOR MORE DETAILS.

- **ELECTRICAL GROUNDING:**

Students will use the code book to determine and apply proper grounding practices. This class has been approved by the Electrical Licensing and Inspection Unit for 16 hours of continuing education credits. This is a 4 night, 4 hour class. The instructor is Dave Porter. SEE CLASS SCHEDULE FOR MORE DETAILS.

- **3M FIRESTOP CERTIFICATION: (NEW CLASS)** ←

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. Presentors, Dr. Paul Engen, Rodrigo Marmol and Paul Fannin all from 3M. Class is one night, 4 hours in length. SEE CLASS SCHEDULE FORE MORE DETAILS.

- **INSTRUMENTATION:**

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 has been approved by the Electrical Licensing and Inspection Unit for 4 technical hours and 12 code hours of continuing education credits and is a 15 night class, 3 hours each night. The instructor is Keith Setley. SEE CLASS SCHEDULE FOR MORE DETAILS.

- **IINSTRUMENTATION—EPRI Exam/Part A:**

You need to have successfully completed the instrumentation class to be eligible for this exam. SEE CLASS SCHEDULE FOR MORE DETAILS.

- **NATIONAL ELECTRICAL CODE CLASS:**

These code review classes are supplemented with power point presentations. Included is an analysis of the 2017 NEC by both the International Association of Electrical Inspectors and the Electrical Licensing and Inspection Unit. This course has been approved by the Electrical Licensing and Inspection Unit for 16 hours of code. Instructors are as follows: Dave Porter, Dave Blank, Randy Klossner and Keith Setley. This class is also approved for Wisconsin and North Dakota. SEE CLASS SCHEDULE FOR MORE DETAILS.

JW COURSE DESCRIPTIONS—FALL 2019

- **NFPA—70E, ELECTRICAL SAFETY WORK PRACTICES:**

This course discusses the hazards encountered while working near or on energized equipment and the OSHA requirements to perform the work. The course is 2 nights, 3.5 hours each night and is taught by Lance Velandar. This class needs to be retaken every three years. SEE CLASS SCHEDULE FOR MORE DETAILS.

- **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. This is a 3 night-10 hour class. SEE CLASS SCHEDULE FOR MORE DETAILS.

- **WELDING—(BASIC):**

The JATC will be offering a 7 night basic Welding class, 3 hours per night. 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. We can accommodate 7 students. SEE CLASS SCHEDULE FOR MORE DETAILS.

We are approved for continuing education credits for North Dakota and Wisconsin. For WI please call the JATC office after you've completed class and we will submit it. For ND, Class sign-in's will be available the night of class.

We have had numerous journeyman who have not been able to take jobs with various contractors because they have not taken classes that are mandatory for certain jobs. Register now to ensure that you're not put in this situation. Some jobs require that you have OSHA 10, Code of Excellence, Core 4 and NFPA.

All of our classes are held at the Electrical Industry Building in the Training Center. Once you enter the training center there is a monitor in the hall indicating the room number for your class. The door to the Electrical Industry Building automatically locks at 5:00 p.m. so make sure you are on time for class.

JW CODE SCHEDULE—FALL 2019

<u>JW CODE</u> <u>CLASSES</u>	<u>START</u> <u>DATE</u>	<u>END</u> <u>DATE</u>	<u>ACTUAL DATES OF CLASS</u> <u>AND</u> <u>INSTRUCTORS</u>	<u>TIME</u>	<u>STATE</u> <u>CREDIT</u>	<u>BOOK OR</u> <u>MATERIAL FEE</u> <u>TUITION FEE</u>
<u>CODE CLASS</u> <u>(Based on the</u> <u>2017 NEC)</u> Session One <u>(Tuesdays)</u>	9/10/2019	10/8/2019	09/10/2019 Dave Porter <u>09/17/2019 NO SESSION</u> 09/24/2019 Dave Blank 10/01/2019 Randy Klossner 10/08/2019 Keith Setley	4:30 p.m. To 8:30 p.m.	16 Hrs	<u>\$30.00/Tuition Fee</u> <u>\$30.00 /TOTAL</u>
<u>CODE CLASS</u> <u>(Based on the</u> <u>2017 NEC)</u> Session Two <u>(Thursdays)</u>	9/12/2019	10/10/2019	09/12/2019 Dave Porter <u>09/19/2019 NO SESSION</u> 09/26/2019 Dave Blank 10/03/2019 Randy Klossner 10/10/2019 Keith Setley	4:30 p.m. To 8:30 p.m.	16 Hrs	<u>\$30.00/Tuition Fee</u> <u>\$30.00 /TOTAL</u>
<u>CODE CLASS</u> <u>(Based on the</u> <u>2017 NEC)</u> Session Three <u>(Tuesdays)</u>	10/8/2019	11/05/2019	10/08/2019 Dave Porter <u>10/15/2019 NO SESSION</u> 10/22/2019 Dave Blank 10/29/2019 Randy Klossner 11/05/2019 Keith Setley	4:30 p.m. To 8:30 p.m.	16 Hrs	<u>\$30.00/Tuition Fee</u> <u>\$30.00/TOTAL</u>
<u>CODE CLASS</u> <u>(Based on the</u> <u>2017 NEC)</u> Session Four <u>(Thursdays)</u>	10/10/2019	11/07/2019	10/10/2019 Dave Porter <u>10/17/2019 NO SESSION</u> 10/24/2019 Dave Blank 10/31/2019 Randy Klossner 11/07/2019 Keith Setley	4:30 p.m. To 8:30 p.m.	16 Hrs	<u>\$30.00/Tuition Fee</u> <u>\$30.00/TOTAL</u>

REGISTER NOW FOR FALL CLASSES

**Please do not delay registering!
IF YOU SEE A CLASS THAT FITS YOUR SCHEDULE PLEASE REGISTER PROMPTLY AS AVAILABILITY CHANGES DUE TO REGISTRATION ACTIVITY LEVELS.**

JW CLASS SCHEDULE—FALL 2019

<u>JW CLASS</u>	<u>INSTRUCTOR</u>	<u>START DATE</u>	<u>END DATE</u>	<u>TIME</u>	<u>STATE</u>	<u>BOOK OR MATERIAL FEE/ TUITION FEE</u>
<u>NFPA-70E— SAFETY IN THE WORKPLACE</u> (Mondays)	Lance Velandar	10/07/2019	10/14/2019	4:30 p.m. To 7:30 p.m.	N/A	<u>\$30.00/Tuition Fee</u> \$30.00/TOTAL
<u>NFPA-70E-SAFETY IN THE WORK- PLACE</u> (Thursdays)	Mike Wolf	11/14/2019	11/21/2019	4:30 p.m. To 7:30 p.m.	N/A	<u>\$30.00/Tuition Fee</u> \$30.00/TOTAL
<u>NFPA-70E— SAFETY IN THE WORKPLACE</u> (Tuesdays)	Lance Velandar	12/10/2019	12/17/2019	4:30 p.m. To 7:30 p.m.	N/A	<u>\$30.00/Tuition Fee</u> \$30.00/TOTAL
<u>OSHA</u> (Thursdays)	Shawn Weyer	09/19/2019	10/3/2019	4:30 p.m. To 8:30 p.m.	N/A	<u>\$30.00/Tuition Fee</u> <u>\$16.00/Book Fee</u> \$46.00/TOTAL
<u>OSHA</u> (Wednesdays)	Shawn Weyer	12/04/2019	12/18/2019	4:30 p.m. To 8:30 p.m.	N/A	<u>\$30.00/Tuition Fee</u> <u>\$16.00/Book Fee</u> \$46.00/TOTAL
<u>WELDING</u>	Rick Dahlstrom	10/9/2019	11/20/2019	4:30 p.m. To 7:30 p.m.	N/A	<u>\$30.00/Tuition Fee</u> <u>\$50.00/Material Fee</u> \$80.00/TOTAL

JW COSTS AND POLICIES—FALL 2019

Tuition Fee Policy– Local #110 members

You must pay the \$30.00 fee for the first class you sign up for this fall or winter.

If you take more than one class between August 1, 2019 and July 31, 2020 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.

Local 292 and Local 343 still need to pay \$30.00 per class, plus books or material fees if applicable.

If you are registering on-line make sure to click on the

SUBMIT BUTTON!

You will receive a confirmation number within the same site, once you hit submit.

If you do not receive this number your registration did not go through.

FOUR EASY WAYS TO REGISTER:

Register by telephone. You will need to pay for class using a credit or debit card. Our direct line number is 651-772-8746.

Register on-line at <http://www.jatc110.org>. Need to use your credit or debit card to register on-line.

Register in person at the JATC Training Center. Can pay using credit or debit card or cash.

By mail—call to request a registration form/newsletter at 651-772-8746 or download one at <http://www.jatc110.org>

JW CLASS SCHEDULE—FALL 2019

<u>JW CLASS</u>	<u>INSTRUCTOR</u>	<u>START DATE</u>	<u>END DATE</u>	<u>TIME</u>	<u>STATE CREDIT</u>	<u>BOOK OR MATERIAL FEE/TUITION FEE</u>
<u>CABLE SPLICING</u> (Thursdays)	Andy Clarkson	09/19/2019	12/12/2019	6:00 p.m. To 9:00 p.m.	16 Hrs	\$30.00/Tuition Fee \$50.00/Material Fee \$80.00/TOTAL
<u>CODE CALCULATIONS</u> (Wednesdays)	Mike Buck	10/02/2019	12/11/2019	4:30 p.m. To 8:30 p.m.	16 Hrs	\$30.00/Tuition Fee \$20.00/Material Fee \$50.00/TOTAL
<u>CODE OF EXCELLENCE</u> (Wednesday)	Dave Porter	10/02/2019	10/02/2019	4:30 p.m. To 8:30 p.m.	N/A	\$30.00/Tuition Fee \$5.00/Material Fee \$35.00/TOTAL
<u>CODE OF EXCELLENCE</u> (Monday)	Dave Porter	12/02/2019	12/02/2019	4:30 p.m. To 8:30 p.m.	N/A	\$30.00/Tuition Fee \$5.00/Material Fee \$35.00/TOTAL
<u>CONDUIT BENDING</u> (Mondays)	Nate Koska	10/14/2019	11/18/2019	4:30 p.m. To 7:30 p.m.	N/A	\$30.00/Tuition Fee \$20.00/Material Fee \$50.00/TOTAL
<u>CORE 4</u> (Wednesday)	Lance Velander	10/09/2019	10/09/2019	4:30 p.m. To 8:30 p.m.	N/A	\$30.00/Tuition Fee \$10.00/Material Fee \$40.00/TOTAL
<u>CORE 4</u> (Monday)	Lance Velander	12/09/2019	12/09/2019	4:30 p.m. To 8:30 p.m.	N/A	\$30.00/Tuition Fee \$10.00/Material Fee \$40.00/TOTAL

JW CLASS SCHEDULE—FALL 2019

<u>JW CLASS</u>	<u>INSTRUCTOR</u>	<u>START DATE</u>	<u>END DATE</u>	<u>TIME</u>	<u>STATE</u>	<u>BOOK OR MATERIAL FEE/TUITION FEE</u>
<u>CPR-FIRST AID</u> (Thursdays)	Ed Nelson Mike Towle	10/03/2019	10/10/2019	4:30 p.m. To 8:30 p.m.	N/A	\$30.00/Tuition Fee \$25.00/Book Fee \$55.00/TOTAL
<u>CPR-FIRST AID</u> (Wednesdays)	Ed Nelson Mike Towle	12/4/2019	12/11/2019	4:30 p.m. To 8:30 p.m.	N/A	\$30.00/Tuition Fee \$25.00/Book Fee \$55.00/TOTAL
<u>ELECTRICAL GROUNDING</u> (Mondays)	Dave Porter	11/04/2019	11/25/2019	4:30 p.m. To 8:30 p.m.	16 Hrs	\$30.00/Tuition Fee \$30.00/TOTAL
<u>FIRE PROTECTION</u> <u>3M</u> (Wednesday)	3M Representatives	10/30/2019	10/30/2019	4:30 p.m. To 8:30 p.m.	4 Technical Hrs	\$30.00/Tuition Fee \$10.00/Material Fee \$40.00/TOTAL
<u>FIRE PROTECTION</u> <u>3M</u> (Monday)	3M Representatives	12/09/2019	12/09/2019	4:30 p.m. To 8:30 p.m.	4 Technical Hrs	\$30.00/Tuition Fee \$10.00/Material Fee \$40.00/TOTAL
<u>INSTRUMENTATION</u> (Mondays)	Keith Setley	11/4/2019	3/9/2020	4:30 p.m. To 8:30 p.m.	16 Hrs	\$30.00/Tuition Fee \$70.00 Book & Materials \$100.00/TOTAL
<u>INSTRUMENTATION CERTIFICATION/EPRI EXAM</u> (Monday)	Test Proctor	3/23/2020	3/23/2020	4:30 p.m.	N/A	\$75.00/Exam Fee \$75.00/TOTAL

Class breaks from 12-23 thru 1-13-2020. Resumes on 1-20-2020.