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St. Paul Electrical Training Center

SPRING 2022

CONGRATULATIONS TO ALL NEW 110 JOURNEYMAN!

These apprentices have officially completed the apprenticeship program with a journeyman electrical license:

Chad Bell, Ross Bucholz, Sam Deleon, Kyle Dodge, Frank Flaherty, Dylan Frohn, Joseph Gentile, Christopher Grubb, Cole Hemme, Jacob Hurley, Joe Marszalek, Martin Martinez-Barrera, Stephen McDowell, David Morse, Kiefer Olson, Michael W. Olson, Tim O'Neill, Mustafa Shabazz, Peter Thorson, Laura Tracy, Christopher Whaley, Phillip Yang and Yuepheng Yang.

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	1/11/2022 1/25/2022 2/01/2022 2/08/2022	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	1/13/2022 1/27/2022 2/03/2022 2/10/2022	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	3/01/2022 3/08/2022 3/22/2022 3/29/2022	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	3/03/2022 3/10/2022 3/24/2022 3/31/2022	4:30 p.m. To 8:30 p.m.	IA - 16 Hrs MN - 16 Hrs ND - 16 Hrs WI - TBD	\$30.00/TOTAL

◆.....JW CLASS SCHEDULE - SPRING 2022.....◆

BUILDING AUTOMATION

JATC will be offering a 3 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.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Peder Wallace	2/02/2022 To 2/16/2022	4:30 p.m. To 7:30 p.m.	N/A	\$30.00/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	2/03/2022 To 4/28/2022	4:30 p.m. To 7:30 p.m.	MN - 16 Hrs TBD	\$30.00/Tuition Fee <u>\$50.00/Material Fee</u> \$80.00/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	2/07/2022 To 2/28/2022	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	2/02/2022 To 2/23/2022	4:30 p.m. To 8:30 p.m.	MN - 16 Hrs	\$30.00/Tuition Fee <u>\$10.00/Material Fee</u> \$40.00/TOTAL *Exam \$75 Date TBD

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	2/07/2022	4:30 p.m. To 8:30 p.m.	MN - 4 Hrs Technical	\$30.00/Tuition Fee <u>\$10.00/Material Fee</u> \$40.00/TOTAL

JW CLASS SCHEDULE - SPRING 2022

FIRST AID CPR

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
Mondays (2)	Ed Nelson Mike Towle	2/21/2022 To 2/28/2022	4:30 p.m. To 8:30 p.m.	\$30.00/Tuition Fee \$25.00/Material Fee \$55.00/TOTAL
Mondays (2)	Ed Nelson Mike Towle	4/18/2022 To 4/25/2022	4:30 p.m. To 8:30 p.m.	\$30.00/Tuition Fee \$25.00/Material Fee \$55.00/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. 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	2/03/2022 To 3/17/2022	4:30 p.m. To 7:30 p.m.	N/A	\$30.00/Tuition Fee \$20.00/Material Fee \$50.00/TOTAL

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	3/02/2022 To 5/04/2022	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 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	2/08/2022 To 2/15/2022	4:30 p.m. To 8:30 p.m.	\$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 WINTER 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	3/07/2022 To 3/21/2022	4:30 p.m. To 8:30 p.m.	\$30.00/Tuition Fee \$16.00/Book \$46.00/TOTAL

◆.....JW CLASS SCHEDULE - SPRING 2022.....◆

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.

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Tuesdays (2)	Shawn Weyer	2/01/2022 To 2/08/2022	4:30 p.m. To 8:30 p.m.	\$30.00/TOTAL

PLC – Advanced (Mondays) *CLASS SIZE LIMIT 20

Pre-requisite: Fall PLC Class

The Advanced PLCs course work will continue from the PLC Systems course currently being presented. The advanced course will also utilize the Allen-Bradley CompactLogix (ControlLogix family) PLC hardware and Rockwell Automation RSLogix 5000 programming software.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Mike Buck	3/07/2022 To 4/04/2022	4:30 p.m. To 7:30 p.m.	N/A	\$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	4/21/2022 To 4/28/2022	4:30 p.m. To 8:30 p.m.	\$30.00/Tuition Fee \$15.00/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. The instructor is Shawn Weyer.

SESSION	INSTRUCTOR(S)	DATE	TIME	BOOK OR MATERIAL FEE/TUITION FEE
1 Tuesdays (2)	Shawn Weyer Timothy Garcia	2/22/2022 To 3/01/2022	4:30 p.m. To 7:30 p.m.	\$30.00/TOTAL

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.

INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	BOOK OR MATERIAL FEE/TUITION FEE
Rick Dahlstrom	1/26/2022 To 3/09/2022	4:30 p.m. To 7:30 p.m.	N/A	\$30.00/Tuition Fee \$50.00/Material Fee \$80.00/TOTAL

◆.....JW CLASS SCHEDULE - SPRING 2022.....◆

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	2/19/2022 To 2/20/2022	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	4/09/2022 To 4/10/2022	8:00 a.m. To 4:30 p.m.	IA - 16 Hrs MN - 16 Hrs ND - 16 Hrs WI - TBD	\$50.00/TOTAL

CAMBRIDGE WEEKEND CODE CLASS			Location: VIRTUAL		
SESSION	INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	TUITION FEE
Saturday/ Sunday	Cari Helberg	1/29/2022 To 1/30/2022	7:00 a.m. To 3:30 p.m.	IA - 16 Hrs MN - 16 Hrs ND - 16 Hrs WI - TBD	\$50.00/TOTAL

FARIBAULT WEEKEND CODE CLASS			Location: Moose Lodge		
SESSION	INSTRUCTOR(S)	DATE	TIME	STATE CREDIT	TUITION FEE
Saturday/ Sunday	Cari Helberg	3/05/2022 To 3/06/2022	7:00 a.m. To 3:30 p.m.	IA - 16 Hrs MN - 16 Hrs ND - 16 Hrs WI - TBD	\$50.00/TOTAL

ST. PAUL ELECTRICAL JATC



JW COST, POLICIES, & OTHER INFO. - SPRING 2022

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.

