

Madison Area Electrical JATC Educational Course Offerings

January 2018 Edition

Revised
12/22/2017

The Madison Area Electrical Joint Apprenticeship and Training Committee (JATC) is pleased to offer the following courses to all participants of the Madison Area Electrical JATT. For registration or questions, please contact the Apprenticeship and Training Office at 608.221.3321.

Madison Area Electrical Joint Apprenticeship and Training Committee

2017 – 2018 CONTINUING EDUCATION COURSE OFFERINGS

Please contact the Apprenticeship and Training office at 608.221.3321 to register for any of the below listed courses. There are no course fees for classes offered at the IBEW Local 159 Training Center. For more course details, including a brief course description, please see the following pages.

DATE	COURSE	DAY & TIME	LOCATION
01/08/2018 – 02/26/2018	OSHA-30 (Section B) Instructor – Crabb Course Number: 1643 COURSE FULL – Please withdraw if unable to attend	Mondays 4:30 – 8:30 pm	Local 159 Training Center 32 hrs. – 32 CEU
01/10/2018 – 02/07/2018	NFPA 70E (Elec. Safety Related Wrk. Pract.) Instructor – Matthew Wilkinson Course Number: 1647	Wednesday 5:00-8:00 pm (1 st) 5:00-8:15 pm (rest)	Local 159 Training Center 16 hrs. – 16 CEU
01/15/2018 – 03/05/2018	Electrician Exam Prep (Section A) (Skip 2/19) Instructor – Ed Kroth Course Number: 1588	Mondays 4:30-7:30 pm	Local 159 Training Center 21 hrs. – 18 CEU
01/27/2018	First Aid/CPR Course Number: 1636 Instructors –Crabb/Swartz/Schleicher	Saturday 7:30 a -4:00 pm	Local 159 Training Center 8 hrs. – 8 CEU
02/10/2018	First Aid/CPR Course Number: 1637 Instructors –Crabb/Swartz/Schleicher	Saturday 7:30 a -4:00 pm	Local 159 Training Center 8 hrs. – 8 CEU
02/10/2018	Intro to Elec. Safety Related Wrk. Pract. (NFPA 70E) Instructor – Matthew Wilkinson Course Number: 1649	Saturday 7:30 a -2:00 pm	Local 159 Training Center 6 hrs. – 6 CEU
02/13/2018	Intermatic Electronic Controllers (ET90000) Instructor – Intermatic Sales Rep Eric Course Number: 1709	Tuesday 5:00 – 7:00 pm	Local 159 Training Center 2 hrs. – 2 CEU
02/17/2018 REVISED DATE	Significant Changes to the 2017 NEC Instructors –Kroth/Freespirit/Wagner Course Number: 1650	Saturday 7:00 a–3:30 pm	Local 159 Training Center 8 hrs. – 8 CEU
02/20/2018 – 02/27/2018	OSHA-10 Instructor – Crabb Course Number: 1648	Tues. – Wed. 4:30 – 8:30 pm	Local 159 Training Center 12 hrs. – 10 CEU
02/24/2018	First Aid/CPR Course Number: 1638 Instructors –Crabb/Swartz/Schleicher	Saturday 7:30 a -4:00 pm	Local 159 Training Center 8 hrs. – 8 CEU
03/03/2018	First Aid/CPR Course Number: 1639 Instructors –Crabb/Swartz/Schleicher	Saturday 7:30 a -4:00 pm	Local 159 Training Center 8 hrs. – 8 CEU
03/17/2018	Significant Changes to the 2014 NEC Instructors – Kroth/Freespirit/Wagner Course Number: 1651	Saturday 7:00 a–3:30 pm	Local 159 Training Center 8 hrs. – 8 CEU
03/24/2018	First Aid/CPR Course Number: 1640 Instructors –Crabb/Swartz/Schleicher	Saturday 7:30 a -4:00 pm	Local 159 Training Center 8 hrs. – 8 CEU
04/02/2018 – 06/04/2018	Electrician Exam Prep (Section B) (Skip 05/28) Instructor – Ed Kroth Course Number: 1670	Mondays 4:30-7:30 pm	Local 159 Training Center 21 hrs. – 18 CEU
04/07/2017	First Aid/CPR (if needed) Course Number: 1641 Instructors –Crabb/Swartz/Schleicher	Saturday 7:30 a -4:00 pm	Local 159 Training Center 8 hrs. – 8 CEU
Date Pending	Common Code Calculations Instructor –Bill Neitzel Course Number: 1735	OPEN 4:30-7:30 pm	Local 159 Training Center 3 hrs. – 3 CEU
Date Pending	Arc-Fault/Short Circuit/Selective Coordination Instructor –Bill Neitzel Course Number: 1736	OPEN 4:30-7:30 pm	Local 159 Training Center 3 hrs. – 3 CEU
Date Pending	Residential Requirements Part 1 Instructor –Bill Neitzel Course Number: 1737	OPEN 4:30-7:30 pm	Local 159 Training Center 3 hrs. – 3 CEU
Date Pending	Residential Requirements Part 2 Instructor –Bill Neitzel Course Number: 1738	OPEN 4:30-7:30 pm	Local 159 Training Center 3 hrs. – 3 CEU
Date Pending	Firestopping Requirements Instructor –Bill Neitzel Course Number: 1739	OPEN 4:30-7:30 pm	Local 159 Training Center 3 hrs. – 3 CEU

Madison Area Electrical Joint Apprenticeship and Training Committee
2017 – 2018 CONTINUING EDUCATION COURSE OFFERINGS

Date Pending	Crouse Hinds Hazardous Loc. Training Instructor – Len Atkins Sales Rep Course Number: 1681	OPEN 4:30 – 6:30 pm	Local 159 Training Center 2 hrs. – 2 CEU
Date Pending	Introduction to Electric Benders (881 & 555) Instructor – B Kessler, Greenlee Tool Specialist Course Number: 1646	OPEN 5:00-8:00 pm	Local 159 Training Center 3 hrs. – 3 CEU
Upon Demand	Introduction to the Greenlee 555 Electric Bender Instructor – Kevin Klepper Course Number 1652	OPEN 5:00 – 8:00 pm	Local 159 Training Center 3 hrs. – 3 CEU
Upon Demand	90° Bends with Greenlee 555 Electric Bender Instructor – Kevin Klepper Course Number 1653	OPEN 5:00 – 8:00 pm	Local 159 Training Center 3 hrs. – 3 CEU
Upon Demand	Offset Bends with the Greenlee 555 Elect. Bender Instructor – Kevin Klepper Course Number 1654	OPEN 5:00 – 8:00 pm	Local 159 Training Center 3 hrs. – 3 CEU
Upon Demand	Data Cabling 101 Instructor – Brian Russ Course Number: 1680	OPEN 4:00 – 8:00 pm	Local 159 Training Center 4 hrs. – 4 CEU

Madison Area Electrical Joint Apprenticeship and Training Committee

2017 – 2018 CONTINUING EDUCATION COURSE OFFERINGS

Contact the Apprenticeship and Training Office at 608.221.3321 to register for any of the below listed courses.

OSHA 30 (Section B)

INSTRUCTOR:	Jeremy Crabb	COURSE #:	1643
DATE: Start:	Monday, January 8, 2018	FEE:	None
End:	Monday, February 26, 2018	TIME:	4:30p – 8:30p
TOTAL HRS:	32 hrs. (8 class sessions)	# OF CEU:	32 CEU
LOCATION:	Local 159 Training Center	ROOM:	Classroom B
CLASS MIN:	10	# ENROLLED:	19
CLASS MAX:	19		

Course is full; please call to withdraw if you are now unable to attend.

The OSHA 30-hour Construction Industry Outreach Training course is a comprehensive safety program designed for anyone involved in the construction industry. Upon successful completion of the course, participants will receive an OSHA 30-Hour Construction Outreach DOL course completion card.

NFPA 70E (Electrical Safety Related Work Practices)

INSTRUCTOR:	Matthew Wilkinson	COURSE #:	1647
DATE: Start:	Wednesday, January 10, 2018	FEE:	None
End:	Wednesday, February 7, 2018	TIME:	5:00p – 8:00p (First Night) (Remaining Nights) 5:00p – 8:15p
TOTAL HRS:	16 hrs. (5 class session)	# OF CEU:	16 CEUs
LOCATION:	Local 159 Training Center	ROOM:	Classroom A
CLASS MIN:	10	# ENROLLED:	8
CLASS MAX:	24		

During this course students will be presented with background information for electrical safety in the workplace training. Topics to be covered include definitions, terminology, training requirements for on the job applications, and introduction to procedures on how to recognize and avoid electrical hazards in the workplace. Please note that this is an introductory awareness course only, and provides no certification. Students are still required to receive additional training from their employer on how to recognize and avoid the specific electrical hazards they may encounter on the job.

Electrician Exam Prep

INSTRUCTOR:	Ed Kroth	COURSE #:	1588
DATE: Start:	Monday, January 15, 2018	FEE:	None
End:	Monday, March 5, 2018 (Skip: 02/19/18)	TIME:	4:30p – 7:30p
TOTAL HRS:	21 hrs. (7 class sessions)	# OF CEU:	18 CEU
LOCATION:	Local 159 Training Center	ROOM:	Classroom A
CLASS MIN:	10	# ENROLLED:	13
CLASS MAX:	25		

During this course students become familiar with the National Electrical Code (NEC), how they apply the Codeology method to identify the correct section of the NEC, as well as learn various test taking tips. Students will utilize the 2017 Edition of the Mike Holt Electrician Exam Prep Workbook, SPS316 and additional handouts. There will be several test samples used during the course with additional review questions provided. There is a book fee if you would like to purchase the textbook.

Madison Area Electrical Joint Apprenticeship and Training Committee

2017 – 2018 CONTINUING EDUCATION COURSE OFFERINGS

First Aid/CPR

INSTRUCTOR: J Crabb/A Swartz/T Schleicher
DATE: Saturday, January 27, 2018
TOTAL HRS: 8 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 22

COURSE #: 1636
FEE: None
TIME: 7:30a – 4:00p
OF CEU: 8 CEU
ROOM: Classroom A
ENROLLED: 7

Heartsaver® First Aid CPR AED is a classroom, video-based, instructor-led course that teaches students critical skills needed to respond to and manage a first aid, choking or sudden cardiac arrest emergency in the first few minutes until emergency medical services (EMS) arrives. Students learn skills such as how to treat bleeding, sprains, broken bones, shock and other first aid emergencies. This course also teaches adult CPR and AED use. Completers will receive American Heart Association First Aid/CPR/AED certifications that are valid for two years.

First Aid/CPR

INSTRUCTOR: J Crabb/A Swartz/T Schleicher
DATE: Saturday, February 10, 2018
TOTAL HRS: 8 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 22

COURSE #: 1637
FEE: None
TIME: 7:30a – 4:00p
OF CEU: 8 CEU
ROOM: Classroom B
ENROLLED: 1

See prior course description.

Intro to Electrical Safety Related Work Practices (NFPA 70E)

INSTRUCTOR: Matthew Wilkinson
DATE: Saturday, February 10, 2018
TOTAL HRS: 6 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 24

COURSE #: 1649
FEE: None
TIME: 7:30a – 2:00p
OF CEU: 6 CEUs
ROOM: Classroom A
ENROLLED: 0

This course will provide an introduction to electrical safety related work practices (ESRWP) to persons familiar with electrical construction and maintenance. Students will learn basic terms related to safe work practices and will discuss the importance of safety culture in accident prevention. Information relating to the history, development, and application of the NFPA 70E standard will be discussed. Participants will learn to recognize and avoid the hazards that arise with the use of electricity. Students will become familiar with personal protective equipment and learn how to identify the level of PPE required.

Madison Area Electrical Joint Apprenticeship and Training Committee

2017 – 2018 CONTINUING EDUCATION COURSE OFFERINGS

Intermatic Electronic Controllers (ET 9000)

INSTRUCTOR: Intermatic Sales Rep - Eric
 DATE: Tuesday, February 13, 2018
 TOTAL HRS: 2 hrs. (1 class session)
 LOCATION: Local 159 Training Center
 CLASS MIN: 10
 CLASS MAX: 20

COURSE #: 1709
FEE: None
TIME: 5:00p – 7:00p
OF CEU: 2 CEU
ROOM: Classroom A
ENROLLED: 2

This vendor lead Training Session takes on a dynamic approach, with a healthy balance of theory/lecture and product review (hands on). The ET90000 Series 365-Day Astronomic Electronic Time Switches allow for independent programming for each day of the year to provide flexibility for applications where load switching differs frequently. Students will learn the benefits of the control, applications for the control, wiring of input power, wiring of relays, wiring of remote input terminals, complete hands on programming of ET90000 Series, as well as a PC Application interface overview.

Significant Changes to the 2017 NEC

INSTRUCTOR: E Kroth/M Freespirit/M Wagner
 DATE: Saturday, **February 17, 2018**
 Revised class date
 TOTAL HRS: 8 hrs. (1 class session)
 LOCATION: Local 159 Training Center
 CLASS MIN: 12
 CLASS MAX: 60

COURSE #: 1650
FEE: None
TIME: 7:00a – 3:30p
OF CEU: 8 CEU
ROOM: Classroom A & B
ENROLLED: 14

The National Electrical Code (NEC) is the most widely recognized and accepted electrical standard in the world. Every three years the NEC is updated to reflect the newest installation practices utilized by the electrical industry. The Significant Changes to the 2017 NEC class is an invaluable resource for electricians, focusing on the most important changes that occurred between the 2014 and 2017 NEC. To assist and enhance your understanding of each revision, the class is arranged to follow the general layout of the NEC and each change is accompanied by helpful images or illustrations. In addition, background information and a discussion on the significance of the change will accompany the majority of the revisions. The comprehensive coverage offered in this class will enable attendees to gain a solid understanding and application of the requirements contained in the 2017 NEC. **There is a book fee (\$46.90) if you would like to keep the Significant Changes textbook, please let the Apprenticeship and Training Office know in advance.**

Madison Area Electrical Joint Apprenticeship and Training Committee

2017 – 2018 CONTINUING EDUCATION COURSE OFFERINGS

OSHA 10

<p>INSTRUCTOR: Jeremy Crabb DATE: Start: Tuesday, February 20, 2017 End: Tuesday, February 27, 2017 Course meets twice weekly on Tuesday and Wednesday – first week TOTAL HRS: 12 hrs. (3 class session) LOCATION: Local 159 Training Center CLASS MIN: 10 CLASS MAX: 19</p>	<p>COURSE #: 1648 FEE: None TIME: 4:30p – 8:30p # OF CEU: 10 CEUs ROOM: Classroom A # ENROLLED: 9</p>
---	---

The OSHA 10 Hour Construction Industry Outreach Training Program is intended to provide an entry level construction worker’s general awareness on recognizing and preventing hazards on a construction site. Upon successful completion of the course, participants will receive an OSHA 10-Hour Construction Outreach DOL course completion card.

First Aid/CPR

<p>INSTRUCTOR: J Crabb/A Swartz/T Schleicher DATE: Saturday, February 24, 2018 TOTAL HRS: 8 hrs. (1 class session) LOCATION: Local 159 Training Center CLASS MIN: 10 CLASS MAX: 22</p>	<p>COURSE #: 1638 FEE: None TIME: 7:30a – 4:00p # OF CEU: 8 CEU ROOM: Classroom A # ENROLLED: 0</p>
---	---

See prior course description.

First Aid/CPR

<p>INSTRUCTOR: J Crabb/A Swartz/T Schleicher DATE: Saturday, March 3, 2018 TOTAL HRS: 8 hrs. (1 class session) LOCATION: Local 159 Training Center CLASS MIN: 10 CLASS MAX: 22</p>	<p>COURSE #: 1639 FEE: None TIME: 7:30a – 4:00p # OF CEU: 8 CEU ROOM: Classroom A # ENROLLED: 0</p>
---	---

See prior course description.

Significant Changes to the 2017 NEC

<p>INSTRUCTOR: E Kroth/M Freespirit/M Wagner DATE: Saturday, March 17, 2018 TOTAL HRS: 8 hrs. (1 class session) LOCATION: Local 159 Training Center CLASS MIN: 12 CLASS MAX: 60</p>	<p>COURSE #: 1651 FEE: None TIME: 7:00a – 3:30p # OF CEU: 8 CEU ROOM: Classroom A & B # ENROLLED: 4</p>
--	---

See prior course description.

Madison Area Electrical Joint Apprenticeship and Training Committee

2017 – 2018 CONTINUING EDUCATION COURSE OFFERINGS

First Aid/CPR

INSTRUCTOR: J Crabb/A Swartz/T Schleicher
DATE: Saturday, March 24, 2018
TOTAL HRS: 8 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 22

COURSE #: 1640
FEE: None
TIME: 7:30a – 4:00p
OF CEU: 8 CEU
ROOM: Classroom A
ENROLLED: 0

See prior course description.

Electrician Exam Prep (Section B)

INSTRUCTOR: Ed Kroth
DATE: Start: Monday, April 2, 2018
End: Monday, June 4, 2018 Skip 05/28/2018
TOTAL HRS: 21 hrs. (7 class sessions)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 25

COURSE #: 1670
FEE: None
TIME: 4:30p – 7:30p
OF CEU: 18 CEU
ROOM: Classroom A
ENROLLED: 12

See prior course description.

First Aid/CPR

INSTRUCTOR: J Crabb/A Swartz/T Schleicher
DATE: Saturday, April 7, 2018 (if needed)
TOTAL HRS: 8 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 22

COURSE #: 1641
FEE: None
TIME: 7:30a – 4:00p
OF CEU: 8 CEU
ROOM: Classroom A
ENROLLED: 0

See prior course description. This course will only run if needed.

Courses with dates pending:

Common Code Calculations

INSTRUCTOR: Bill Neitzel
DATE: TBD, February 2018
TOTAL HRS: 3 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 25

COURSE #: 1735
FEE: None
TIME: 4:30p – 7:30p
OF CEU: 3 CEU
ROOM: Classroom A
ENROLLED: 0

This course will cover calculations that pertain to the NEC. Areas that will be covered are box fill, pull and junction box sizing, sizing grounded and equipment grounding conductors, conduit and wire way fill, ampacity adjustments, cable tray installations and feeder sizing requirements. Attendees will problem solve relative examples to become familiar with doing calculations for the various Code sections listed above.

Madison Area Electrical Joint Apprenticeship and Training Committee

2017 – 2018 CONTINUING EDUCATION COURSE OFFERINGS

Courses with dates pending (continued):

Arc-Fault/Short Circuit/Selective Coordination

INSTRUCTOR: Bill Neitzel
DATE: TBD, March 2018
TOTAL HRS: 3 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 25

COURSE #: 1736
FEE: None
TIME: 4:30p – 7:30p
OF CEU: 3 CEU
ROOM: Classroom A
ENROLLED: 0

During this course students will learn what factors affect arc-faults and how to calculate arc-faults using different fault calculators. Students in this course will also complete sample problems to calculate arc-faults.

Residential Requirements Part 1

INSTRUCTOR: Bill Neitzel
DATE: TBD, April 2018
TOTAL HRS: 3 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 25

COURSE #: 1737
FEE: None
TIME: 4:30p – 7:30p
OF CEU: 3 CEU
ROOM: Classroom A
ENROLLED: 0

During this course students will be presented with an overview of residential electrical construction requirements with emphasis on basic wiring requirements (receptacle, switch & lighting requirements, circuit requirements, etc.), residential services, residential calculations, safety requirements (AFCI, GFCI, smoke, CO), appliance and AC requirements, how to handle existing installations and more.

Note: This course is available for all classifications and license types. This course is a two part course, but students will get credit for each part they attend.

Residential Requirements Part 2

INSTRUCTOR: Bill Neitzel
DATE: TBD, April 2018
TOTAL HRS: 3 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 25

COURSE #: 1738
FEE: None
TIME: 4:30p – 7:30p
OF CEU: 3 CEU
ROOM: Classroom A
ENROLLED: 0

See previous course description

Note: This course is available for all classifications and license types. This course is a two part course, but students will get credit for each part they attend.

Madison Area Electrical Joint Apprenticeship and Training Committee

2017 – 2018 CONTINUING EDUCATION COURSE OFFERINGS

Courses with dates pending (continued):

Firestopping Requirements

INSTRUCTOR: Bill Neitzel
DATE: TBD, May 2018
TOTAL HRS: 3 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 25

COURSE #: 1739
FEE: None
TIME: 4:30p – 7:30p
OF CEU: 3 CEU
ROOM: Classroom A
ENROLLED: 0

During this course students will learn Firestopping requirements which will help in knowing where it needs to be installed, why and how to make sure you're not wasting company money by doing more than required, and how to find the rules for the equipment being installed.

Crouse Hinds Hazardous Locations Training

INSTRUCTOR: Lakeshore Electrical Sales Rep
DATE: Wednesday, November 1, 2017
TOTAL HRS: 2 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 20

COURSE #: 1681
FEE: None
TIME: 4:30p – 6:30p
OF CEU: 2 CEU
ROOM: Classroom A
ENROLLED: 7

This vendor lead Training Session takes on a dynamic approach, with a healthy balance of theory/lecture and product review. Additional course description coming soon.

Introduction to Electric Benders (881 & 555)

INSTRUCTOR: Brian Kessler (Greenlee Tools)
DATE: TBD - 2018
TOTAL HRS: 3 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 8
CLASS MAX: 16

COURSE #: 1646
FEE: None
TIME: 5:00p – 8:00p
OF CEU: 3 CEU
ROOM: Lab
ENROLLED: 2

During this course students will be shown the proper procedure for use of an electric bender. Greenlee will be bringing their custom promotional truck and trailer fully stocked with various equipment sold under the Greenlee name. Some equipment expected to be showcased may include their new 854 Bender and Cable Tray Wire Puller. Instructors will be using the 881 & 555 Bender to demonstrate the proper way to use an Electric Bender safely, effectively, and efficiently.

Madison Area Electrical Joint Apprenticeship and Training Committee

2017 – 2018 CONTINUING EDUCATION COURSE OFFERINGS

Courses available upon demand (waiting for students):

Introduction to Greenlee 555 Electric Bender

INSTRUCTOR: Kevin Klepper
DATE: TBD; Spring 2018
TOTAL HRS: 3 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 16

COURSE #: 1652
FEE: None
TIME: 5:00p – 8:00p
OF CEU: 3 CEU
ROOM: Classroom/Lab
ENROLLED: 1

This course is designed to give students a basic understanding of the set up and operation of a Greenlee 555 electric bender. During the 3 hour course, students will learn proper initial set-up, how to change bending shoes, how to calibrate the bender, and how to calculate deduct for a 90 degree bend. This course is primarily for students with very little or no experience with electric benders.

90° Bends with the Greenlee 555 Electric Bender

INSTRUCTOR: Kevin Klepper
DATE: TBD; Spring 2018
TOTAL HRS: 3 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 16

COURSE #: 1653
FEE: None
TIME: 5:00p – 8:00p
OF CEU: 3 CEU
ROOM: Classroom/Lab
ENROLLED: 1

In this 3 hour class students will learn how to calculate deduct (take up) and gain of a 90° bend on a Greenlee 555 Electric Bender. We will also learn how to calculate the center of bend, and the need to learn center of bend on different size conduits. This class is designed for students with limited experience using a Greenlee 555 Electric Bender.

Offset Bends with the Greenlee 555 Electric Bender

INSTRUCTOR: Kevin Klepper
DATE: TBD; Spring 2018
TOTAL HRS: 3 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 16

COURSE #: 1654
FEE: None
TIME: 5:00p – 8:00p
OF CEU: 3 CEU
ROOM: Classroom/Lab
ENROLLED: 1

During this 3 hour class students will learn how to bend a 2 bend offset and a standard kick on a 90° bend using a Greenlee 555 Electric Bender. Special attention will be paid to the difficulty in bending larger pipe, and the need for prior planning to avoid excessive bends. Students will also be shown the need to space bends appropriately. This class is intended for students with little prior knowledge of an electric bender.

Madison Area Electrical Joint Apprenticeship and Training Committee

2017 – 2018 CONTINUING EDUCATION COURSE OFFERINGS

Courses available upon demand (waiting for students) – continued:

Data Cabling 101

INSTRUCTOR: Brian Russ
DATE: TBD, Spring 2018
TOTAL HRS: 4 hrs. (1 class session)
LOCATION: Local 159 Training Center
CLASS MIN: 10
CLASS MAX: 20

COURSE #: 1633
FEE: None
TIME: 4:00p – 8:00p
OF CEU: 4 CEU
ROOM: Lab
ENROLLED: 8

The course will focus on hands-on activities with terminating telecommunication products, testing, labeling, while discussing proper installation guidelines, and best practices to follow during the installation and maintenance of data networking equipment and materials. The course will demonstrate the importance of conducting field assessments and applying industry standards. This will be demonstrated in conjunction with the requirements that are outlined in the respective installation guides provided with the networking equipment and materials.

Madison Area Electrical Joint Apprenticeship and Training Committee

2017 – 2018 CONTINUING EDUCATION COURSE OFFERINGS

Class Registration

To register, call the Apprenticeship and Training Office at (608) 221-3321

1. Registration deadline is 2 weeks prior to the class start. This allows ample time to order and receive textbooks and workbooks prior to the start of class.
 - a. Pre-registration for all course offerings is required.
 - b. Please note that all courses have a minimum enrollment number for the course to commence. As a result, all course schedules are subject to change and/or cancelation.
2. The Madison Area Electrical Joint Apprenticeship and Training Trust Committee will provide Continuing Education courses at IBEW Local 159's Training Center with no tuition cost for members in all classifications.
 - a. Effective July 28, 2015, the Madison Area Electrical Joint Apprenticeship and Training Trust has ended their Course Tuition Reimbursement Policy for all classifications except Inside (Construction) Apprentices, and Voice, Data, Video Apprentices.
3. The training trust fund will provide the necessary textbooks for use in the courses. The textbooks are to be returned at the completion of the course. The textbooks are available for purchase upon request.
 - a. Attendees that fail to return or provide payment for the textbooks will be prohibited from registering for future classes until the matter is resolved.
 - b. Attendees that wish to purchase the course materials must do so before retaining possession of the materials. (No billing; must be paid in full with check or money order prior to the conclusion of the course).
4. UPON DEMAND classes all maintain an active waiting list of members that are interested in taking the course. When enough names are on the waiting list, a firm start date will be set and the Class Schedule will be updated.
 - a. Please contact the Apprenticeship and Training Office to have your name placed on the waiting list for a specific course.

The Madison Area Electrical Joint Apprenticeship and Training Trust (JATT) Education Sub – Committee is actively seeking individuals who are willing to become involved in strengthening the IBEW-NECA educational team. If you have an interest in teaching or assisting with a course, please feel free to contact any Education Sub – Committee member or the Apprenticeship and Training Office. There are many opportunities available and training is provided. Applications are available at the Apprenticeship and Training Office.

The Madison Area Electrical Joint Apprenticeship and Training Committee (JATC), IBEW Local 159, and Madison Area Electrical Joint Apprenticeship and Training Trust (JATT) Education Sub – Committee are requesting feedback in regards to possible future course offerings.

Please contact the Apprenticeship and Training Office or any Madison Area Electrical Joint Apprenticeship and Training Trust (JATT) Education Sub – Committee member comments about any courses that you have attended.