

# Madison Area Electrical JATC Educational Course Offerings

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May 2017 Edition

Revised  
04/18/2017

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 SPRING 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.

<b>DATE</b>	<b>COURSE</b>	<b>DAY &amp; TIME</b>	<b>LOCATION</b>
05/01/2017	Photovoltaics Instructor – Bill Neitzel    Course Number: <b>1451</b>	Monday 4:30 – 7:30pm	Local 159 Training Center 3 hrs. – 3 CEU
05/08/2017	3M Firestop Instructor – J Crimmings, 3M Acct. Rep. Course Number: <b>1447</b>	Monday 5:00 – 7:00 pm	Local 159 Training Center 2 hrs. – 1.5 CEU
Fall 2017 Date Pending	Article 517 - Health Care Facilities Instructor – Ed Kroth    Course Number: <b>1358</b>	OPEN 4:30-7:30 pm	Local 159 Training Center 3 hrs. – 3 CEU

# **Madison Area Electrical Joint Apprenticeship and Training Committee**

## **2017 SPRING CONTINUING EDUCATION COURSE OFFERINGS**

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

### **Photovoltaics (PV)**

<b>COURSE #:</b>	<b>1451</b>
INSTRUCTOR:	Bill Neitzel
FEE:	None
DATE:	Monday, May 1, 2017
TIME:	4:30p – 7:30p
TOTAL HRS:	3 hrs. (1 class session)
# OF CEU:	3 CEUs
LOCATION:	Local 159 Training Center
ROOM:	Classroom A
CLASS MIN:	10
# ENROLLED:	14
CLASS MAX:	24

In this course students will review the changes to Photovoltaic (PV) grounding and bonding requirements of the National Electrical Code (NEC). Students will gain an understanding of the load side connection requirements for PV systems. Participants will also review various math and formulas for PV systems, as well as review the overcurrent requirements.

### **3M Firestop**

<b>COURSE #:</b>	<b>1347</b>
INSTRUCTOR:	J Crimmings (3M Rep)
FEE:	None
DATE:	Monday, May 8, 2017
TIME:	5:00p – 7:00p
TOTAL HRS:	2 hrs. (1 class session)
# OF CEU:	1.5 CEU
LOCATION:	Local 159 Training Center
ROOM:	Classroom A
CLASS MIN:	10
# ENROLLED:	8
CLASS MAX:	20

This vendor lead Training Session takes on a dynamic approach, with a healthy balance of theory/lecture and product review. Course topics include: understanding the need for firestopping, testing requirements for firestop “systems”, learn how to identify system solutions for firestop applications, and become familiar with 3M products and the technologies incorporated in fire barrier products. Students who complete and pass the training will receive a Certificate of Attendance.

### **Courses with Active Waiting Lists (waiting for dates):**

#### **National Electrical Code (NEC) Article 517 (Health Care Facilities)**

<b>COURSE #:</b>	<b>1358</b>
INSTRUCTOR:	Ed Kroth
FEE:	None
DATE:	To Be Determined (TBD) Fall 2017
TIME:	4:30p – 7:30p
TOTAL HRS:	3 hrs. (1 class session)
# OF CEU:	3 CEU
LOCATION:	Local 159 Training Center
ROOM:	Classroom A
CLASS MIN:	10
# ENROLLED:	5
CLASS MAX:	24

During this course students will be presented with an overview of Article 517 (Health Care Facilities) as found in the 2011 National Electrical Code (NEC) and as amended by SPS 316. Students will discuss other related articles of the NEC with periodic references from: NFPA 99, Standards for Health Care Facilities, and NFPA 101 (Life Safety Code). The course content emphasis will be hospital facilities.

# **Madison Area Electrical Joint Apprenticeship and Training Committee**

## **2017 SPRING 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.