

# REGISTER NOW... for the FAEC 1 - day CE Symposium

*This program offers the following CE Credit:*

- *Innovations in Solid State Lighting (LEDs)*
- *The Florida Building Code-Energy- Version 5*
- *Preventative Maintenance - Electrical Thermography*
- *Investing in Key Employees*
- *Preventing Claims*

*... and ... An open Round Table discussion addressing key industry issues!*

**August 25, 2017  
Hilton DoubleTree  
Orlando, FL**

**ECLB Provider #0000857**



FLORIDA ASSOCIATION OF  
ELECTRICAL CONTRACTORS  
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Enterprise, FL 32725-0304

FLORIDA ASSOCIATION OF ELECTRICAL CONTRACTORS  
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## FAEC FALL CE SYMPOSIUM

**ECLB SPONSOR #0000857 - HILTON DOUBLETREE, ORLANDO, FL.  
FRIDAY, MAY 19, 2017**

**7:45am REGISTRATION & CONTINENTAL BREAKFAST** For all attendees and presenters.

### FAEC CLASS SCHEDULE

**8:15-9:30am CLASS I PROVIDER #EC0003283, ECLB# 0007521 "INNOVATIONS IN SOLID STATE LIGHTING - (LEDs)" 1HR Technical CE.** Presented by Allen M. Weiss, PE, LC Manager Continuing Education, SESCO Lighting, Orlando.

An introduction to light emitting diodes (LEDs) including an overview on how solid state lighting creates light. A discussion on the various benefits and challenges pertaining to LED's. Examples of new LED technology, design strategies, and applications using LED lighting fixtures in Architectural Lighting.

**9:45am-11:00am CLASS II – PROVIDER #EC0003283, ECLB#0007607 "THE FLORIDA BUILDING CODE-ENERGY-VERSION 5" 1 HR Technical.** Presented by Allen M. Weiss, PE, LC Manager Continuing Education, SESCO Lighting, Orlando.

A working knowledge of the current Energy Code pertaining to lighting power consumption and controls for Commercial Buildings. A discussion on the types of spaces included and exempted from the code. Review the mandatory interior and exterior lighting power consumption as well as the mandatory lighting control requirements.

**11:10am-12:10pm CLASS III - PROVIDER #EC0000857, ECLB#0801382 "PREVENTATIVE MAINTENANCE (ELECTRICAL THERMOGRAPHY)" 1 HR Technical CE.** Presented by Joe Schmitt, Certified Thermographic Services, Inc.

This program will be an overview of Electrical Preventive Maintenance and Test using Thermography / Ultrasonic Testing.

Attendees will understand the basic principles of thermography (infrared) and ultrasonic testing. Students will learn the advantages that can be used daily with thermography.

The course outline includes:

- Section 1 Principles of Thermography (infrared)
- Section 2 Qualification / Training
- Section 3 Reasons for using Thermography
- Section 4 Advantages / Disadvantages
- Section 5 Examples of Electrical Anomalies
- Section 6 Other Discipline use of Thermography
- Section 7 Ultrasonic Testing

**12:20-1:20pm PRESENTATION INCLUDES LUNCH: CLASS IV Provider# 0040001107, ECLB#0801746 "INVESTING IN KEY EMPLOYEES: 1 HR Business CE.** Presented by Kevin Halverson, Federated Insurance

Have you ever lost a promising employee? If you have, you know the costs related to turnover are high and getting higher as jobs become more specialized. Rewarding key employees and letting them know how special they are to your business could mean the difference between keeping or losing a valued employee. But, to do that, you need benefits that work well both short- and long-term. During this session, learn about the triple protection option approach that your peers are using successfully to recruit and train top talent.

**1:30pm-2:30pm CLASS V PROVIDER #EC0000857, ECLB#0800890 "PREVENTING CLAIMS"** Presented by Timothy R. Moorhead, Wright, Fulford, Moorhead and Brown PA

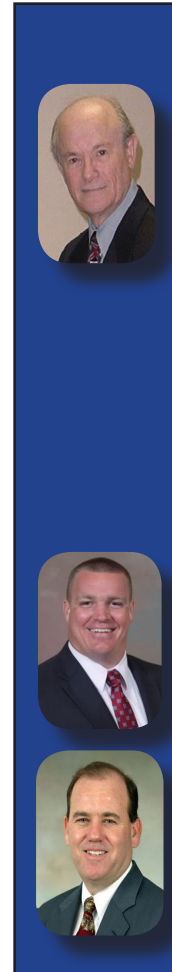
This Course will introduce the student to procedures and tactics that may reduce claims in the construction arena.

Chapter 713 Florida Statutes, Chapter 255, Florida Statutes, Title 40, United States Code, Section 3133 (Miller Act), Additional case law may also be presented.

**2:40pm-3:40pm CLASS VI - CONTRACTORS ROUND TABLE DISCUSSION -** Moderated by Blake Ferguson, Royal Electric of Central Florida.

This will be an open discussion to include the following topics of discussion:

- Labor market conditions and what we can do to find more qualified help
- Business practices and streamlining operations
- Equipment management and owning vs. renting



## Meet your presenters...

### **Allen M. Weiss, PE, LCCertified Education Provider**

Allen Weiss is a graduate of Drexel University with a B.S. in Electrical Engineering. Allen is both an LC and PE by examination and is presently registered in six states (Florida, Pennsylvania, Maryland, Delaware, New Jersey and North Carolina).

Allen has personally designed or supervised over 30 million square feet of facility lighting, many for Fortune 500 clients.

Several of his lighting designs have merited design awards through the IESNA and Architectural Record. A list of his lighting design projects is available upon request.

Allen has taught lighting design at Pittsburgh's La Roche College as well as lectured on several lighting design topics through his affiliation with the Illuminating Engineering Society of North America and served as Section Chairman of the IES in Philadelphia, PA.

### **Joe Schmitt is an Electrical Contractor**

(Certified Thermographic Services, Inc.) and a Level III Certified Thermographer. In 1976 he became a Licensed Contractor and has since become an Engineer and holds an ER Licence. Joe attended a four year apprenticeship training program and worked on the construction of a 300 Megawatt power plant in Kentucky for five years. He worked for Harris Corporation as the electrical facility engineer then became Certified as a Level I Thermographer. In 1987 He passed all the testing for a Level III Thermographer and started Certified Thermographic Services, Inc. He has performed infrared surveys throughout the United States and the Caribbean

### **Kevin Halverson, Marketing Representative Federated Insurance** Federated Insurance Marketing Representative out of Orlando, FL

Tim Moorhead - Wright, Fulford Moorhead & Brown, P.A.  
Offices in Altamonte Springs, Florida and San Diego, California  
Practice primarily limited to construction disputes including:

Lien and Bond Claims Architect and Engineer Errors and Omissions  
Construction Defect Claims Delay and Disruption Claims

- Admitted to Practice as a member of the Florida Bar
- Admitted to Practice in the United States District Courts for the Northern District, Middle District and Southern District of Florida
- Previously specially admitted in Georgia, Alabama, Louisiana, Illinois, Indiana, North Carolina, Tennessee and the United States District Court for the District of Columbia

**ANNOUNCING FAEC ANNUAL SPRING CE SYMPOSIUM AUGUST 25, 2017  
HILTON DOUBLETREE, 60 S. IVANHOE BLVD., ORLANDO, FLORIDA  
REGISTRATION FORM**

**INSTRUCTIONS:**

1. Complete all portions of this form and return to FAEC, P.O. Box 4304, Enterprise, FL 32725-0304. A check payable to FAEC must accompany this form in order to secure registration.
2. Your name and company will appear on your name badge and registration materials as you indicate below.
3. Type all portions of this form.

Conference Registration: Includes all educational classes, CE Certificates, seminar hand-outs and meal functions.

NAME: \_\_\_\_\_ NICKNAME: \_\_\_\_\_

YOUR STATE LICENSE NUMBER: \_\_\_\_\_

SPOUSE/GUEST: \_\_\_\_\_ NICKNAME: \_\_\_\_\_

COMPANY NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

CITY: \_\_\_\_\_ STATE: \_\_\_\_\_ ZIP: \_\_\_\_\_

PHONE: \_\_\_\_\_

**REGISTRATION FEES:**

Full Registration Fee must accompany this form.

**Early Bird Registration Fees on or Before August 11, 2017**

- \_\_\_\_\_ FAEC Member(s) @ \$185 per person
- \_\_\_\_\_ Project Manager/Key Personnel \$145 2nd person from same company after first full registration paid.
- \_\_\_\_\_ Non-Member \$435 per person\*\*

**August 12, 2017 and After**

- \_\_\_\_\_ FAEC Member(s) @ \$225 per person
- \_\_\_\_\_ Project Manager/Key Personnel \$175 2nd person from same company after first full registration paid.
- \_\_\_\_\_ Non-Member \$480 per person\*\*

PLEASE MAKE ALL HOTEL ACCOMMODATIONS DIRECTLY WITH THE HILTON DOUBLETREE, 60 SOUTH IVANHOE BLVD., ORLANDO, FL. 407-425-4455.

\*\* If non-member joins FAEC within 30 days of conference \$255 will be applied towards first years dues.

\*\*\*PLEASE NOTE THAT A CREDIT CARD AUTHORIZATION MUST BE USED TO SECURE ALL ROOMS WITH THE HOTEL!

**PLEASE MAKE A COPY FOR YOUR RECORDS  
REGISTRATION DEADLINE: August 21 2017  
RETURN TO: FAEC, P.O. BOX 4304, Enterprise, FL 32725-0304  
(407) 260-1511 - faec@iag.net**