

PADUCAH FIRE DEPARTMENT

6TH ANNUAL

Combined Conference

ELECTRICAL * PREVENTION * SUPPRESSION

OCTOBER 20 & 21, 2017

AT THE

JULIAN CARROLL CONVENTION CENTER

Friday Classes

FIREFIGHTERS/FIRE SUPPRESSION:

Morning:

Fire Officer/Command Leadership Classroom (3 Hours)

Firefighter/Fire Officer Hand Tool Practices Convention Center (3 Hours)

Afternoon:

Fire Officer/Command Tactic Simulator Classroom (3 Hours)

Firefighter/ Fire Officer Search and Rescue Convention Center (3 Hours)

ELECTRICAL:

All Day: IAEI's Analysis of Changes-2017 NEC (8 Hours)

FIRE PREVENTION

(FIRE ALARM, SPRINKLER, HOARDING/PUB ED):

All classes in this category are All Day Classes:

General Storage & ESFR Sprinkler Requirements

Fire Alarm Requirements Of The 2012 IBC

NFPA-Hoarding And Public Education Sessions

BUILDING PROFESSIONALS:

All Day: Combo Class For Building Professionals, presented by UL:

Through –Penetration & Membrane-Penetration Firestop Systems; Signs;

Third-Party Certification Of Unevaluated Equipment

Saturday Classes

FIREFIGHTERS/FIRE SUPPRESSION:

Morning:

Fire Officer/Command Leadership Classroom (3 Hours)
Firefighter/Fire Officer Hand Tool Practices Convention Center (3 Hours)

Afternoon:

Fire Officer/Command Tactic Simulator Classroom (3 Hours)
Firefighter/ Fire Officer Search and Rescue Convention Center (3 Hours)

ELECTRICAL:

All Day: IAEI'S Soares Grounding And Bonding-2017 NEC (8 Hours)



**Join Us at the Pre-Registration
Hospitality Tent
Provided by**

**IAFF LOCAL 168
Paducah Professional
Firefighters**

Thursday Night 10/19/17, 6:30 pm

Julian Carroll Convention Center Parking Lot

Class Descriptions

Fire Officer / Command Leadership. This will be an interactive problem / solution course involving your management and leadership problems and the probable solutions – 3 hours. (Classroom)

Firefighter / Fire Officer Hand Tool Practices. This will be a demonstration / limited hands-on course covering fireground hand tools, methods of use, carrying, safety pre-cautions, and some helpful tricks. Turnout gear (no SCBA) is recommended for hands-on participation (optional) - 3hrs. (Convention Center)

Fire Officer / Command Fire Tactic Simulator. This will be an interactive course using basics in 1st company officer procedures and chief officer command operations using simulated fireground scenario's and post incident reviews – 3hours (Classroom)

Firefighter / Fire Officer Search & Rescue. This course will involve the review and demonstration of primary search operations, and the opportunity for students to conduct searches and victim removal. Hand tools and thermal imaging camera. Searches using rope assisted search procedures will also be demonstrated and conducted. Turnout gear (no SCBA) is recommended for hands-on participation (optional) 3 hours (Convention Center)

Instructors for these classes will be Rick Kolomay, Brandon Kolomay, and Brett Graves.

IAEI Analysis of Changes – 2017 NEC. This is an extensive and popular program analyzing the major changes to the NEC for this code cycle. Members of the nineteen NEC code-making panels contributed to the development of this authoritative text. This seminar covers more than 250 of the most significant changes and includes interpretations by the group that enforces the Code. This course is designed to cover the major changes in the National Electrical Code for the 2017 NEC code cycle. There are five new articles that will be discussed and well as numerous changes and some re-organization for this code cycle.

IAEI's Soares Grounding and Bonding. This seminar is a must for those who wish to keep informed and increase their expertise in the grounding and bonding of electrical systems. Completely revised to the 2017 National Electrical Code, this seminar is based on the authoritative text IAEI Soares Book on Grounding which clearly explains the fundamentals and practice of grounding and bonding in easily understood language. Dozens of new

CLASS DESCRIPTIONS (CONTINUED):

and revised colored illustrations set forth, with accuracy and in detail, the principles of grounding and bonding. This course is designed to cover the general concepts of grounding and bonding as it applies to electrical systems. This includes the grounding of systems, services, feeders, branch circuits and equipment. It covers design and installation practices according to safety provisions in the National Electrical Code.

Instructor of electrical code classes will be Bill McGovern.

Fire Alarm System Requirements of the 2012 International Building Code. This seminar discusses the requirements of the 2012 edition of the International Building Code as they relate to the installation of fire alarm systems. The seminar should be of interest to fire and building officials who conduct the plan review of building construction documents as well as those individuals that may conduct the review of fire alarm system plans, specifications, and calculations. The International Building Code provides the requirements for fire protection systems in Chapter 9. Specifically, Section 907 discusses when a building must be provided with a fire alarm system. The extent of a fire alarm system within a building, such as the type of initiating devices that must be provided, when occupant notification is required, and when and how to monitor alarm signals, will be discussed in detail within the seminar presentation. The National Fire Alarm and Signaling Code (NFPA 72) is the document that the International Building Code references to be used in the design, inspection, testing and maintenance of fire alarm systems. Key requirements of this document will be identified during the seminar. Instructor for this course is Warren Olsen.

General Storage and ESFR Sprinkler Requirements IBC/IFC 2012 Edition / NFPA 13 2010 Edition. This full day class will review storage definitions, general storage requirements, ESFR sprinkler requirements, the design of rack and non-rack storage, idle pallet storage requirements, and much more. Fire service officials, designers, and building and fire inspectors will learn how to classify commodities, distinguish different storage arrangements and the requirements for ESFR sprinkler system design, location, spacing, and obstructions rules as detailed in the 2010 edition of NFPA 13 referenced standard. This presentation will also provide an overview on the evaluation of sprinkler system hydraulic calculations. Instructor for this course will be Brett Gooden.

CLASS DESCRIPTIONS (CONTINUED):

Building Professionals Combo Class, presented by UL. This course offers information and guidance for Building Contractors, Building Inspectors, and Design Professionals on the building code requirements for: Understanding Third-Party evaluation of equipment., the process of listing, options for field evaluation, and the required markings. Understanding the application of through and membrane penetrations in fire resistant walls, floors and ceilings, and the methods permitted to maintain the fire resistant ratings. Understanding of the NEC and IBC requirements electrical signage. This building code class consists of (3)-2 hour sessions. Instructor for this UL class will be Jeff Fecteau.

NFPA presents HOARDING & Public Education Sessions, including but not limited to the following subjects: **Hoarding:** This session has information on issues to address as a community when you encounter a person who hoards. Discussion will focus on the social, psychological and environmental considerations for fire service personnel that may play a part of the treatment for a person that hoards. Discuss options for local task forces to address this social problem. **Remembering When** will be a session about prevention programs targeted to older adults with the goal of helping them live safely at home for as long as possible. This overview will provide attendees with an opportunity to learn about this nationally recognized fire & fall prevention program for older adults through collaborative community partnerships, and learn about additional training opportunities for the program. **Community Risk Reduction Facts and Resources** will be a class segment discussing that the Commonwealth of Kentucky has ranked very high in fire deaths in the US for many years. We will review statistical data and look at how Community Risk Reduction can have an impact. Available resources will be reviewed and how work is already progressing in Kentucky. Presenters for this class will be Meredith Hawes and Greg Shultz, Lauren Depew, Fred Durso, Michele Steinburg.



NEED CEUs?

**ALL CLASSES ARE APPROVED FOR
CONTINUING EDUCATION UNIT CREDITS**

Instructors' Bios

Brandon Kolomay is a 14-year active member of the fire service. Serving with combination volunteer/paid-on-call/career and the last 4 years with the Chicago Fire Department. Currently assigned to a truck company he has also been on assignments with engine, squad, and ambulance companies. The battalion that he serves in is the *Austin* neighborhood on the west side of Chicago which is plagued with violence and low social economic neighborhoods. Brandon is certified in all Technician Level special operations rescue courses, an Open Water Diver, an IDPH Paramedic, has a Bachelor's Degree in Fire Administration, and instructs for *Fire Training Resources, Inc.* (Pontiac, IL). Brandon can be contacted at: brandonkolomay@me.com

Rick Kolomay is a 37-year veteran of the fire service. He has served with both combination volunteer, combination career/POC/Private, and career fire departments assigned to engine, truck, ambulance, and squad companies. He rose through the ranks from firefighter /EMT, firefighter/paramedic, lieutenant, captain, acting battalion chief, deputy chief, and fire chief. He was also a full time instructor for the Illinois Fire Service Institute (IFSI), an IFSI Field Instructor for 33 years, Instructor for the Illinois Fire Chiefs Association, Instructor for the Romeoville (IL) [regional] Fire Academy, Northeastern Illinois Public Safety Training Academy (NIPSTA), and Fire Training Resources, Inc. (Pontiac, IL).and an instructor and consultant with Fire Training Resources, Inc. Rick has instructed throughout the United States teaching firefighter rescue techniques and line officer training. In 2003 Rick co-authored a best-selling Fire Engineering book, *Firefighter Rescue & Survival*. Rick can be contacted at: rkolomay@gmail.com

Brett Graves has been a firefighter with the Pontiac (Illinois) Fire Department since 1995, serving as a volunteer and as a career firefighter. He served one year as a part-time firefighter for the Frankfort (Illinois) Fire District and has been an instructor and member of the training committee for the Livingston County Mutual Aid Association. Brett was promoted to the rank of lieutenant assigned to an engine company, and acted in the position of shift commander. He retired in May 2017 to continue with Carterson Public Safety, Inc. (Fire Training Resources & The Firefighting Depot). Brett has instructed for the Illinois Fire Service Institute and Fire Training Resources, Inc. Brett can be contacted at: brett@firetrainingresources.com

INSTRUCTORS' BIOS CONTINUED:

Bill McGovern is an IAEI International Office electrical instructor. He is a Field Evaluator for Intertek Testing Services and also operates Electric Solutions Code Services LLC. He was the former Electrical Inspection Services Supervisor for the City of Plano, Texas with over 23 years of experience as an electrical inspector. He represented IAEI on NEC Code Making Panel 2 for the 2008, 2011, 2014 cycles, and continues to serve on CMP-2 for the 2017 NEC representing Intertek.

Jeff Fecteau is the technical lead within UL Regulatory Services responsible for alternative energy systems. Jeff has been in the electrical industry for more than 28 years as well as an instructor for over 19 years. Jeff has provided training to inspector and contractor organizations, including 8 years as an adjunct faculty instructor at two community colleges. Jeff has been involved with IREC, Solar 3.0 and the IAEI as an instructor on code compliant PV installations as well as an SME for the development of presentations such as the PVOT program. Jeff has authored several technical papers that address code compliant installations of PV equipment such as inverters and PV rapid shut-down systems.

Warren Olsen has spent more than 42 years in fire protection. He is a retired Battalion Chief from the Hoffman Estates Fire Department which is located in suburban Chicago where he served for more than 30 years. Since 1979 he has also worked as a fire protection consultant. Currently, he is the Vice President of Building and Life Safety Division for the consulting firm of Fire Safety Consultants which is located in Elgin, IL. Warren is a Certified Fire Protection Specialist and a Certified Building Code Official. Warren is the current chairperson of Chapter 26, Technical Committee on Supervising Station Alarm Systems for NFPA 72, and formerly served on Chapter 18, Notification Appliances. He teaches National Fire Alarm and Signaling Code seminars nationally and internationally for NFPA.

Brett Gooden has been with Fire Safety Consultants Inc. for over 9 years. He was promoted to manager of the Michigan Regional office (opened in 2004) in May of 2013 returning to the corporate office in 2015 to be with his family. Brett currently works as a fire protection consultant in the Illinois corporate office and is the off-site liaison to the Michigan regional office. Brett serves on the company's Marketing and Training teams. He develops and teaches fire protection seminars nationally for FSCI. Brett holds a Bachelor's Degree in Business Management, NICET certification in water-based layout and fire alarms, and is ICC certified as a fire plans examiner.

INSTRUCTORS' BIOS CONTINUED:

Meredith Hawes is a Regional Education Specialist for NFPA. She works to provide technical assistance & support on fire & life safety public education outreach & initiatives on a state and local level. Hawes assists in implementing NFPA resources, including identifying problems, determining appropriate resources, & seeking funding sources & partners to enhance fire departments & fire marshals in the Midwest & Mid-Atlantic Regions of the U.S. Hawes earned a Bachelor's Degree in Child Development from Central Michigan University, has a current Michigan Teaching Certification for K-8 with a ZA Endorsement. Hawes is the Coordinator of the Traverse Bay Area Hoarding Task Force.

Greg Schultz began in the fire service in 1974 as a volunteer. From 1992 to 2014 he served the citizens of Ft Thomas as a career firefighter in suppression, code enforcement & public education. Promoted to Lieutenant in 1999, Captain in 2000 until retiring in 2014 led the enforcement/pub-ed efforts. Since retiring Greg coordinates grants & a robust volunteer staff at Burlington Fire Protection District. He has served on the KFA Public Education Committee since 1994 & chaired the committee since 2013. Greg is also involved with Vision 20/20 efforts in KY Greg and the team from KFA have taught Basic Fire Prevention Education at KY State Fire School for the past 26 years.

Michele Steinberg is the Wildfire Division Manager at the NFPA, leading a team dedicated to wildfire safety outreach. She has worked for NFPA since 2002, & has nearly 30 years of professional experience in natural hazard mitigation, land use planning, and disaster safety outreach. She serves on the Board of Directors of the International Association of Wildland Fire & on the Executive Advisory Committee of the Hazard Mitigation. She holds a Master of Urban Affairs degree from Boston University.

Lauren Depew has worked in communications and social media management for over 10 years, the last seven of which have been spent at the NFPA. There, she manages and coordinates the organization's social media presence, including the Twitter, LinkedIn, Google+, Instagram, Pinterest, Facebook pages & blogs for NFPA and its mascot, Sparky the Fire Dog, the Fire Sprinkler Initiative, the Fire-wise USA Program, the National Electrical Code, and NFPA Training. .

Fred Durso oversees all NFPA communications activities for the organization's Fire Sprinkler Initiative, . In his role, Fred creates content for the Fire Sprinkler Initiative website, blog, and newsletter while helping regional sprinkler coalitions fine tune their advocacy efforts. He joined NFPA in 2010 as staff writer for NFPA Journal, & has penned feature stories, profiles, & other news pieces highlighting NFPA's reach. Fred has been working in the communications field for more than a decade, & his writing has been honored by the Association Media & Publishing, the Pennsylvania Newspaper Association, and the Philadelphia Press Association. Fred is also a Disaster Action Team volunteer for the American Red Cross of Massachusetts and frequently witnesses the devastation caused by home fires.



6th ANNUAL COMBINED CONFERENCE



FIRE SERVICE, ELECTRICAL, BUILDING PROFESSIONALS
AT THE JULIAN CARROLL CONVENTION CENTER, 415 PARK AVENUE, PADUCAH, KY
FRIDAY, OCTOBER 20 & SATURDAY, OCTOBER 21, 2017
REGISTRATION BEGINS AT 7:30 A.M., CLASSES BEGIN AT 8:00 A.M.

NAME: _____

(LAST) (FIRST) (INITIAL)

PLEASE SELECT ONE MORNING & ONE AFTERNOON, OR ONE ALL DAY CLASS EACH DAY

FRIDAY:

- _____ Morning: Fire Officer/Command Leadership Classroom (3 Hours)
- _____ Morning: Firefighter/Fire Officer Hand Tool Practices Hands on/Demo (3 Hours)
- _____ Afternoon: Fire Officer/Command Tactic Simulator Classroom (3 Hours)
- _____ Afternoon: Firefighter/ Fire Officer Search and Rescue Hands on/Demo (3 Hours)
- _____ All Day: Building Professionals Combo Class, presented by UL
- _____ All Day: Fire Alarm Requirements of the 2012 IBC
- _____ All Day: General Storage & ESFR Sprinkler Requirements
- _____ All Day: NFPA-Hoarding & Public Education
- _____ All Day: IAEL's Analysis of Changes-2017 NEC

SATURDAY:

- _____ Morning: Fire Officer/Command Leadership Classroom (3 Hours)
- _____ Morning: Firefighter/Fire Officer Hand Tool Practices Hands on/Demo (3 Hours)
- _____ Afternoon: Fire Officer/Command Tactic Simulator Classroom (3 Hours)
- _____ Afternoon: Firefighter/ Fire Officer Search and Rescue Hands on/Demo (3 Hours)
- _____ All Day: IAEL's Soares Grounding & Bonding-2017 NEC

PHONE: _____

EMAIL ADDRESS: _____

REPRESENTING: _____

ADDRESS: _____

CITY, STATE, ZIP: _____

NO REGISTRATION FEES, LUNCH PROVIDED

REGISTRATIONS MUST BE RECEIVED BY MONDAY, OCTOBER 16, 2017

E-Mail registration form to: atinsman@paducahky.gov , or Mail to:

Paducah Fire Dept, Fire Prevention Division Attn: Aaron Tinsman, P.O. Box 2267, Paducah, KY 42002

Lodging available at a discounted rate, Holiday Inn Paducah Riverfront, 600 N 4th St, Paducah, KY 42001

Call (800) 465-4329-Group Code: Paducah Fire Fighters for reservations

Or online booking available at: www.holidayinn.com/paducahky, **Group Code: PFO**

Please call (270) 444-8527 for any additional conference information.