

Agenda

Presented by Bryan Hoskins, P.E., Ph.D.

Fire Protection and Life Safety Design

- National and Texas state and local fire codes
 - National Fire Protection Association (NFPA) codes
 - International Building Code and International Residential Code
 - Local codes and ordinances
- Scope and purpose of codes and ordinances
- Code adoption and enforcement
- Special occupancies: health care facilities and others

Occupancy Classifications

- General requirements and criteria
 - Change of use and /or change of occupancy
 - Hazard classifications
- Life safety issues
- Design specifications and scenarios
- Evaluation and documentation

Means of Egress

- Exit access, discharge and other components
 - Impediments to egress
- Calculating and determining occupant loads
 - Gross vs. net
- Arrangement of exits
- Equivalency discussion

Fire Protection Features and Equipment

- Building materials and components
- Fire and smoke protection features
- Fire detection, alarm and communication systems
- Sprinkler systems
- Special occupancies and equipment

Code Compliance Exercises

- Case studies:
 - New construction
 - Changing occupancy of existing buildings

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Complying with Texas Fire Protection and Building Codes

Live, Interactive Webinar - Friday, August 9, 2024

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Learning Objectives

You'll be able to:

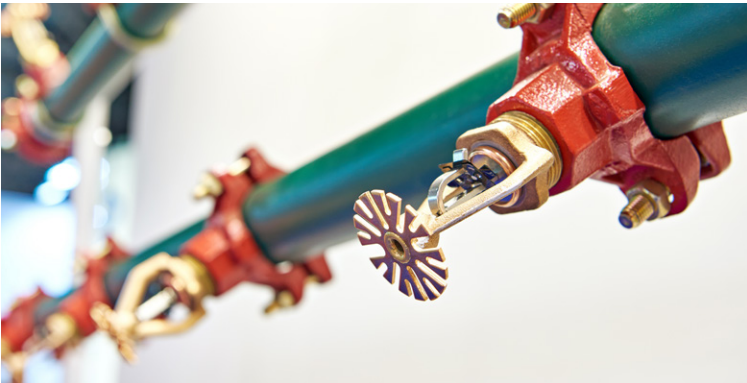
- Receive** an overview of fire protection and life safety design codes, including the International Fire Code and National Fire Protection Association codes.
- Identify** occupancy classifications, including hazard classifications.
- Calculate** and determine gross and net occupancy loads.
- Discuss** fire detection, alarm, and communication systems.
- Explore** code compliance for new construction and for change of occupancy of existing buildings.



HalfMoon Education Inc.,
Your LIVE Education Leader Presents

Complying with Texas Fire Protection and Building Codes

Live, Interactive Webinar - Friday, August 9, 2024



- | | |
|--|---|
| Understand fire protection and life safety design | Examine fire protection features and equipment |
| Discuss occupancy classifications | Participate in code compliance exercises |
| Explore means of egress and impediments to egress | |

Continuing Education Credits

- | | |
|---|--|
| Professional Engineers
6.5 PDHs | International Code Council
.65 CEUs (Fire) |
| Architects
6.5 HSW CE Hours
6.5 AIA LU HSW | |

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Webinar Information

Online - Friday, August 9, 2024

Log into Webinar

8:00 - 8:30 am CDT

Break

11:45 am - 12:15 pm CDT

Morning Session

8:30 - 11:45 am CDT

Afternoon Session

12:15 - 4:00 pm CDT

Tuition

\$339 for individual registration.

\$309 for two or more registrants from the same company at the same time.

Included with your registration: PDF seminar manual.

How to Register

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Faculty

Bryan Hoskins, P.E. Ph.D.

Associate Professor of Fire Protection & Safety at Oklahoma State University

Dr. Hoskins earned his B.S. and M.S. degrees in Fire Protection Engineering from the University of Maryland. He also received his Ph.D. degree in Mechanical Engineering from the University of Maryland in 2011 with an emphasis on building egress. Dr. Hoskins spent one year working for Arup on projects primarily dealing with life safety design and people movement. He then spent two years working for the National Institute of Standards and Technology working on projects dealing with building evacuations and emergency messaging. He is a registered fire protection engineer in the state of Oklahoma. Dr. Hoskins is the chair of the Society of Fire Protection Engineers (SFPE) working group that developed a research roadmap for fire protection and a member of the Human Behavior in Fire Task group for SFPE. He serves on multiple code and standards committees. Dr. Hoskins has authored more than 20 articles related to building evacuations and human behavior in fire.

Credit Information

This webinar is open to the public and is designed to qualify for 6.5 PDHs for professional engineers and 6.5 HSW continuing education hours for licensed architects in Texas.

TBPELS and TBAE do not pre-approve any continuing education courses or activities for engineers or architects respectively.

The American Institute of Architects Continuing Education System has approved this course for 6.5 HSW LUs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .65 CEUs in the specialty area of Fire (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

On-Demand Credits

The preceding credit information only applies to the live presentation. This course in an on-demand format is not pre-approved by any licensing boards and may not qualify for the same credits; please consult your licensing board(s) to ensure that a structured, asynchronous learning format is appropriate. The following pre-approvals may be available for the on-demand format upon request: 6.5 HSW LUs (AIA)

Additional Learning

Managing Engineering Liability and Risk in Texas

Online | Wednesday, August 28, 2024 | 9:00 am - 1:30 pm CDT

Agenda Topics:

- Managing Risk with General Liability and Professional Liability Insurance Coverage
- Understanding How Contracts Can Shift, Reduce (or Increase) Risk
- Complying with Texas Laws and Regulations Requiring Engineering Work be Performed or Supervised by Engineers
- Law of Engineering Malpractice
- Reducing Risk for Yourself, Your Company and Your Clients
- Minimizing Risk by Maximizing Compliance with Rules of Professional Conduct

Presented by

Nicholl Wade *Partner with The Roarty Law Firm, PLLC*

Olaide Banks *Principal Attorney at Banks & Associates, PLLC*

Mikey Figler *Attorney with Allensworth*

James Pruden *Attorney with Fisk Attorneys*

Justin Ratley *Leader of the Munsch Hardt Kopf & Harr, P.C.'s Insurance Practice*

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Roadmap to Ethical Issues in Construction:

A Primer for Design Professionals

- Online | Tuesday, July 16, 2024 | 11:00 am - 1:00 pm CDT

Shallow Foundation Design, Construction and Repair

- Online | Tuesday, July 16, 2024 | 8:30 am - 4:30 pm CDT

Brownfield Planning and Redevelopment

- Online | Wednesday, July 17, 2024 | 10:00 am - 12:00 pm CDT

Applying the Building Code to Cannabis Facilities

- Online | Friday, July 26, 2024 | 8:30 am - 3:30 pm CDT

Historic Preservation, Restoration and Rehabilitation

- Online | Monday, July 29, 2024 | 9:00 am - 4:00 pm CDT

High-Performance Building Envelope Design and Construction

- Online | Monday, July 29, 2024 | 8:30 am - 4:00 pm CDT

Modular Construction and Prefabricated Components: Residential, Multi-Family and Commercial Buildings

- Online | Tuesday, July 30, 2024 | 9:00 am - 3:50 pm CDT

Designing Accessible Pedestrian Facilities under ADA, IBC and PROWAG

- Online | Tuesday, August 6, 2024 | 9:00 am - 12:30 pm CDT

- Online | Thursday, August 8, 2024 | 9:00 am - 12:30 pm CDT

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