

Agenda

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

Overview of NFPA 99 Health Facilities Code

- What makes health care facilities different
- Purposes of NFPA 99
- Code adoption and enforcement
- Definitions and references

Chapters 5 and 11: Gas and Vacuum Systems and Equipment

- Piped gas and vacuum systems
- Liquid withdrawal and piping
- Gas equipment

Chapters 6 and 10: Electrical Systems and Equipment

- General overview and specific hazards
- Categories and spaces
- Essential electrical systems
- Testing and maintenance
- Microgrids and emergency power
- Electrical equipment

Chapters 7, 12 and 13: Information Technology, Emergency and Security Management

- IT and communications categories 1, 2 and 3
- Emergency management
- Security management

Chapters 8 and 9: Plumbing and HVAC

- Plumbing systems
- HVAC

Chapter 16: Fire Protection

- Construction
- Special hazards
- Laboratories, utilities, and waste
- Fire detection and alarm systems
- Sprinklers and extinguishers

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NFPA 99: Health Care Facilities Code

Live, Interactive Webinar - Tuesday, March 12, 2024

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Learning Objectives

You'll be able to:

Identify the features and challenges that make health care facilities different from other facilities.

Explore requirements for gas and vacuum systems and equipment.

Review essential electrical systems and explore requirements for electrical equipment.

Comply with requirements for IT and communication systems, emergency management and security systems.

Meet requirements for plumbing and HVAC systems.

Design to meet fire protection requirements including requirements for laboratories, utilities and waste management systems.



HalfMoon Education Live Webinars

NFPA 99: Health Care Facilities Code

Live, Interactive Webinar - Tuesday, March 12, 2024



Get an overview of the NFPA 99 Health Facilities Code

Learn about requirements for gas and vacuum systems and equipment

Study requirements for electrical systems and equipment

Examine information technology, emergency and security management requirements

Explore requirements for plumbing, HVAC and fire protection

Continuing Education Credits

Professional Engineers
6.5 PDHs

International Code Council
.65 CEUs (Fire)

Architects
6.5 HSW CE Hours
6.5 LU | HSW

AIA
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Webinar Information

Log into Webinar 8:30 - 9:00 am CST	Break 12:00 - 12:30 pm CST
Morning Session 9:00 am - 12:00 pm CST	Afternoon Session 12:30 - 4:30 pm CST

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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 on projects dealing with building evacuations and emergency messaging. He is a registered fire protection engineer in the state of Oklahoma. Professor Hoskins is the chair of the Society of Fire Protection Engineers (SFPE) working group that developed a research roadmap for fire protection and is a member of the Human Behavior in Fire Task group for SFPE. He serves on multiple code and standards committees. He 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 all states that allow this learning method. Please refer to specific state rules to determine eligibility.

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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).

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6.5 HSW LUs (AIA)

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- Designing and Constructing with Steel Joists**
- Wednesday, February 14, 2024 | 9:00 am - 4:00 pm CST
- Drone Applications for Engineers**
- Thursday, February 15, 2024 | 9:30 am - 4:50 pm CST
- How to Design for Snow and Ice Loads**
- Thursday, February 15, 2024 | 1:00 - 4:00 pm CST
- 2021 International Residential Code: Energy Conservation**
- Tuesday, February 20, 2024 | 12:00 - 4:30 pm CST
- Managing Construction Costs & Supply Chain Issues**
- Tuesday, February 20, 2024 | 12:00 - 2:00 pm CST
- Topographic Surveys, Easements and Original vs. Retracement Surveys**
- Wednesday, February 21, 2024 | 9:00 am - 4:05 pm CST
- Roadmap to Ethical Issues in Construction: A Primer for Design Professionals**
- Wednesday, February 21, 2024 | 11:00 am - 1:00 pm CST
- Focus on Volatile Organic Compounds (VOCs)**
- Monday, February 26, 2024 | 2:00 - 4:00 pm CST
- Learn about Remote Pilot Training and Certification**
- Tuesday, February 27, 2024 | 9:00 am - 1:45 pm CST
- Wednesday, February 28, 2024 | 9:00 am - 1:45 pm CST
- Fire Protection for Special Occupancies: Health Care Facilities**
- Wednesday, February 28, 2024 | 9:00 am - 12:15 pm CST
- Fire Protection for Special Occupancies: Industrial Facilities**
- Wednesday, February 28, 2024 | 1:00 - 4:15 pm CST
- Pumping and Piping Systems**
- Thursday, February 29, 2024 | 11:00 am - 2:15 pm
- Friday, March 1, 2024 | 11:00 am - 2:15 pm CST
- International Residential Code 2021**
- Friday, March 1, 2024 | 8:30 am - 5:00 pm CST
- 2021 International Residential Code: Mechanical Systems**
- Tuesday, March 5, 2024 | 12:00 - 4:30 pm CST

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