

Agenda

Presented by Lawrence Lile, PE, LEED AP BD+C, QCxP

International Building Code 2021 Day One

Tuesday, January 26, 2021 | 10:00 am - 2:30 pm CST (including a 30-min. break)

Building Code Background and Application

Development of the International Building Code 2021

Code adoption process

Five disasters that shaped modern building codes

Local building codes

Major changes in the IBC 2021 – new fire detection and protection provisions, new mass timber requirements, new requirements for specific occupancies

Building Classification, Occupancy and Safety

Chapter 3: Occupancy classification and use

Chapter 6: The five types of construction

Chapter 5: Building height and area

Chapter 10: Means of egress

Review exercise

International Building Code 2021 Day Two

Wednesday, January 27, 2021 | 10:00 am - 1:30 pm CST (including a 30-min. break)

Special Cases and Interior Requirements

The five most expensive questions in code analysis

Chapter 7: Passive fire protection

Chapter 4: Special detailed requirements

Small group exercise - new headquarters

Chapter 11 & 13: Accessibility, energy efficiency

Review take-home exercises

Structure and Specific Materials

Chapter 8: Interior finishes

Chapter 12: Interior environment

Chapter 16-24: Structural design and structural materials

Chapter 23-26: Glass, gypsum board, plastic

Chapter 27-30: Electrical mechanical, plumbing, elevators

Chapter 9: Fire protection systems, fire and smoke protection

Safety Requirements During Construction

Chapter 33: Safeguards during construction

Protection of workers, public, and adjoining property

Questions and wrap-up

International Building Code 2021
Online - Tues., January 26 and Wed., January 27, 2021

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Learning Objectives

You'll be able to:

Explore the process through which the International Building Code (IBC) 2021 was developed, and discuss the code adoption process.

Identify major changes in the IBC 2021, including fire detection and protection provisions, mass timber requirements and requirements for specific occupancies.

Comply with provisions on building classification, occupancy and safety

Review requirements for accessibility and energy efficiency.

Meet requirements for structural design and structural materials.

Comply with requirements for interior finishes and the use of glass, gypsum board and plastic.



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HalfMoon Education Online Learning International Building Code 2021

Live, Interactive Webinar Series

Tuesday, January 26 and Wednesday, January 27, 2021



Review major changes in the International Building Code 2021

Discuss regulations impacting building classification, occupancy and safety

Examine requirements for fire resistance as well as fire and smoke protection systems

Discuss code provisions addressing accessibility, energy efficiency and interior finishes

Comply with safety requirements during construction

Continuing Education Credits

Professional Engineers

7.0 PDHs

Architects

7.0 HSW CE Hours

AIA

7.0 LU | HSW

International Code Council

.7 CEUs (Building)



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Lawrence Lile, PE, LEED AP BD+C, QCxP
Owner of Lile Engineering in Ashland, MO

Mr. Lile is the owner of Lile Engineering, which specializes in commercial energy solutions and LEED certification consulting. He has worked in the design industry for over 30 years, on healthcare, industrial, commercial and educational construction projects. Mr. Lile been involved in electrical and mechanical design, as well as construction management and commissioning. He has volunteered for local city boards and commissions, including the City of Columbia Energy and Environment Commission, which he chaired from 2009 – 2015, helping the City review and adopt new building codes. Mr. Lile is a licensed professional engineer in Missouri.

Webinar Information

Day One: Tuesday, January 26, 2021
10:00 am - 2:30 pm CST (including a 30-min. break)

Day Two: Wednesday, January 27, 2021
10:00 am - 1:30 pm CST (including a 30-min. break)
(please log into the webinar 15 - 30 minutes before start time)

Tuition
\$289 for individual registration
\$199 for three 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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Additional Learning

Complying with Fire Protection and Building Codes
- Tues, Dec 15, 2020 | 8:30 am - 5:00 pm CST

International Existing Building Code 2018
- Wed, Dec 16, 2020 | 8:30 am - 5:00 pm CST

Structural Forensic Engineering
- Wed, Dec 16, 2020 | 10:00 am - 1:45 pm CST
- Thur, Dec 17, 2020 | 10:00 am - 2:15 pm CST

International Residential Code 2018
- Fri., Dec 18, 2020 | 8:30 am - 4:45 pm CST

Pavement Design
- Fri., Dec 18, 2020 | 9:00 am - 4:30 pm CST

Preventing and Addressing Construction Defects and Failures
- Mon, Dec 21, 2020 | 8:30 am - 5:00 pm CST

Special Inspections under the International Building Code Chapter 17
- Mon, Dec 28, 2020 | 9:00 am - 4:30 pm CST

Residential and Small Commercial International Energy Conservation Code
- Tues, Dec 29, 2020 | 9:30 am - 4:30 pm CST

Deep Foundations and Excavations
- Wed, Dec 30, 2020 | 9:00 am - 5:00 pm CST

Landscaping for Pollinators
- Wed., Jan. 13, 2021 | 10:00 am - 12:00 pm CST

Practical Site Engineering: Science & Techniques
- Thurs., Jan. 14, 2021 | 11:00 am - 3:15 pm CST
- Friday, Jan. 15, 2021 | 11:00 am - 2:15 pm CST

The Arborist Short Course: Advanced Tree Knowledge for Better Tree Care
- Fri., Jan. 15, 2021 | 9:00 am - 4:30 pm CST

Mitigating Fire Risks through Landscape Design, Materiality, and Stewardship
- Thurs., Jan. 21, 2021 | 11:00 am - 1:00 pm CST

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The American Institute of Architects Continuing Education System has approved this course for 7.0 LU | HSW (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .7 CEUs in the specialty area of Building (Preferred Provider No. 1232).

Completion certificates will be awarded to participants who complete this event, respond to prompts and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

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Registration

International Building Code 2021

Live, Interactive Webinar - Tuesday, January 26 and Wednesday, January 27, 2021

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