

Agenda

Presented by Jess Foster

Building Code Background and Application in North Carolina

- Development of the International Building Code 2015
- Code adoption process in North Carolina
- Summary of Code amendments in North Carolina
- Code terminology
- Code enforcement

Chapters 3, 6, 5

- Classification of structures
- Groups 1, B, E, F, H, I, M, R, S and U
- Types of construction
- Building heights and areas

Chapters 4, 7 and 9

- Occupancy and special uses
- Fire and smoke protection features
- Fire protection systems
- Life safety systems

Chapters 10-11

- Exits, and exit access
- Accessible routes and entrances
- Accessible facilities

Chapters 14-16

- Exterior walls
- Roofs and roofing systems
- Structural design

Chapters 8 and 12 and Interior Construction

- Interior finishes
- Ventilation, HVAC controls, lighting, sound, unoccupied spaces, bathrooms
- Gypsum board and plaster

Use of Specific Materials and Construction Techniques

- | | |
|----------|-------------------|
| Concrete | Aluminum |
| Masonry | Steel |
| Wood | Glass and glazing |

Chapters 27-29

- Electrical, mechanical and plumbing systems

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The North Carolina Building Code Based on IBC 2015

Live, Interactive Webinar - Tuesday, October 26, 2021

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Learning Objectives

You'll be able to:

Learn about the code adoption process in North Carolina.

Examine classification of structures, and explore occupancy and special uses.

Learn about exits and exit access, accessible routes and entrances and accessible facilities.

Comply with code provisions on structural design.

Discuss interior construction, including ventilation, HVAC controls, lighting, sound, unoccupied spaces, and bathrooms.

Explore electrical, mechanical and plumbing systems.



HalfMoon Education Live Webinars

The North Carolina Building Code Based on IBC 2015

Live, Interactive Webinar - Tuesday, October 26, 2021



Understand building code background and application in North Carolina

Understand classification of structures

Comply with requirements for fire protection systems and life safety systems

Examine interior construction and finishes

Discuss electrical, plumbing and mechanical systems

Comply with provisions on specific materials and construction techniques

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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Faculty

Jess Foster *Building Inspector with Rutherford County Development Services*
Mr. Foster is a building inspector for Rutherford County in North Carolina. Mr. Foster has been a certified inspector with the North Carolina Department of Insurance (NCDOL) for six years. He also has Standard Level 3 Certification in building, electrical, mechanical and plumbing. Mr. Foster is a North Carolina Certified Zoning Official.
Mr. Foster is a frequent speaker, and is a building standard course instructor for NCDOL. He is a continuing education instructor for North Carolina Licensing Board for General Contractors. Mr. Foster is an experienced construction superintendent and project manager. Previously, Mr. Foster was a National Guard Officer, and he is an Afghanistan War Veteran.

Webinar Information

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

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Additional Learning

Drones in Construction
- Tues, Sept 28, 2021 | 9:30 am - 5:00 pm CDT

Focusing on Site Engineering: Under a Microscope
- Wed, Sept 29, 2021 | 2:00 - 4:00 pm CDT

A Roadmap to Ethical Issues in Construction: A Primer for Design Professionals
- Wed, Sept 29, 2021 | 11:00 am - 1:00 pm CDT

How to Implement a Construction Site Grading Plan
- Thurs, Sept 30, 2021 | 8:30 - 10:30 am CDT

How to Design Building Utility Systems to Resist Flood Damage
- Mon, Oct 4, 2021 | 11:30 am - 4:00 pm CDT

Deep Dive into Means of Egress Requirements
- Tues, Oct 12, 2021 | 10:00 am - 12:00 pm CDT

Advanced Healthy HVAC: Balancing First Cost, Occupant Comfort, and Safety
- Fri, Oct 15, 2021 | 8:30 am - 5:00 pm CDT

Parking Structure Design, Construction, and Maintenance
- Fri, Oct 15, 2021 | 8:00 am - 3:30 pm CDT

AIA Contract Document Workshop
- Mon, Oct 18, 2021 | 8:30 am - 4:30 pm CDT

SketchUp for Building Professionals
- Tues, Oct 19, 2021 | 11:00 am - 2:45 pm CDT
- Wed, Oct 20, 2021 | 11:00 am - 2:45 pm CDT

Infrastructure: Structural Analysis and Sustainability
- Fri, Oct 29, 2021 | 1:30 - 6:00 pm CDT
- Fri, Nov 5, 2021 | 1:30 - 6:00 pm CDT

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Continuing Education Credit Information
This webinar is open to the public and offers 7.0 PDHs to professional engineers and 7.0 HSW contact hours to architects in North Carolina. HalfMoon Education is an approved continuing education provider for North Carolina engineers (Sponsor No. S-0130).
The American Institute of Architects Continuing Education System has approved this program 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 all prompts, and earn a passing score (80%) on the quiz that follows the presentation (multiple attempts allowed).

Registration

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Tuition

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