

Agenda

Presented by William Hinson, C.B.O., P.E. in VA, MD, and D.C.

Building Code Background and Application

- Development of the International Building Code 2021
- Code adoption in Virginia
- Virginia amendments
- Code terminology
- Code enforcement

Chapters 3-5

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

Chapters 6, 7 and 9

- Types of construction
- 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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Virginia 2021 Uniform Statewide Building Code

Live, Interactive Webinar - Tuesday, April 9, 2024

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Learning Objectives

You'll be able to:

Explore the Virginia building code adoption process and discuss Virginia amendments to the International Building Code (2021).

Comply with regulations on the classification and occupancy of buildings.

Meet requirements for fire and smoke protection features.

Comply with requirements for egress and accessibility.

Identify code provisions governing structural design and interior finishes.

Examine code requirements for electrical, mechanical and plumbing systems.



HalfMoon Education Live Webinars

Virginia 2021 Uniform Statewide Building Code

Live, Interactive Webinar - Tuesday, April 9, 2024



Learn about development of the IBC 2021 and code adoption in Virginia

Explore classification of structures, building heights and areas

Study fire protection and life safety systems

Examine regulations on exits, exterior walls, roofs and structural design

Discuss ventilation, HVAC controls, lighting, sound, unoccupied spaces and bathrooms

Continuing Education Credits

Professional Engineers

7.0 PDHs

International Code Council

.7 CEUs (Building)

Architects

7.0 HSW CE Hours

7.0 AIA LU | HSW

AIA
Continuing
Education
Provider



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

Tuition
\$319 for individual registration.
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Faculty

William Hinson, C.B.O., P.E. in VA, MD, and D.C.
Mr. Hinson has 43 years of experience in engineering. He has provided a wide range of construction and facility related services to clients including systems testing, design, failure analysis, code review and project management. Mr. Hinson has served as an engineer, plans examiner, building official and as a principal in an engineering firm. He is experienced in multi-disciplined engineering, power generation, construction, forensics and building code enforcement. Mr. Hinson's experience also includes building teams of professionals, performing cost and benefit evaluations, developing, and streamlining policies and procedures to improve unit skills and coordinating process across corporate structures. Additionally, he has provided code compliance plans review, construction administration, special inspection services, lectures, instruction, and management.

Credit Information

This webinar is open to the public and is designed to qualify for 7.0 PDHs for professional engineers and 7.0 HSW continuing education hours for licensed architects in Virginia. Continuing education courses are not subject to pre-approval in Virginia.

The American Institute of Architects Continuing Education System has approved this course for 7.0 HSW LUs (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).

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 may not be eligible for the same credits as the live presentation; 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:
7.0 HSW LUs (AIA)

Additional Learning

- International Residential Code 2021**
- Friday, March 1, 2024 | 9:30 am - 6:00 pm EST
 - 2021 International Residential Code: Mechanical Systems**
- Tuesday, March 5, 2024 | 1:00 - 5:30 pm EST
 - Residential Energy Efficiency Code Compliance and Stretch Code Requirements**
- Thursday, March 7, 2024 | 9:30 am - 5:30 pm EST
 - Practical Fluid Mechanics**
- Friday, March 8, 2024 | 9:30 am - 4:30 pm EST
 - Water Damage Events: Scope, Risks, and Accountability in Remediation**
- Monday, March 11, 2024 | 10:00 am - 6:00 pm EDT
 - NFPA 99: Health Care Facilities Code**
- Tuesday, March 12, 2024 | 10:00 am - 5:30 pm EDT
 - Wayfinding for Designers and Building Professionals**
- Wednesday, March 13, 2024 | 10:00 am - 1:00 pm EDT
- Thursday, March 14, 2024 | 10:00 am - 1:00 pm EDT
 - 2021 International Residential Code: Plumbing Systems**
- Tuesday, March 19, 2024 | 1:00 - 5:30 pm EDT
 - Cold Climate Residential Design**
- Wednesday, March 20, 2024 | 10:00 am - 5:00 pm EDT
 - Sustainable Site Design**
- Wednesday, March 20, 2024 | 9:30 am - 5:00 pm EDT
 - Forensic Engineering Concepts & Case Studies**
- Friday, March 22, 2024 | 8:30 am - 5:00 pm EDT
 - Foundation and Retaining Wall Damage and Repair: Science, Materials, and Techniques**
- Friday, March 22, 2024 | 10:00 am - 5:30 pm EDT
 - Current Issues for New England Engineers**
- Monday, March 25, 2024 | 8:30 am - 4:00 pm EDT
 - Designing and Constructing Slab-on-Grade Foundations**
- Tuesday, March 26, 2024 | 10:00 am - 1:00 pm EDT
 - Designing and Constructing Spread Footing Foundations**
- Tuesday, March 26, 2024 | 2:00 - 5:00 pm EDT
 - Commercial and High-End Residential Deck Design and Construction**
- Wednesday, April 3, 2024 | 10:00 am - 5:00 pm EDT
- For more information and other online learning opportunities visit:
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