

Agenda

Presented by Christopher E. Chwedyk, AIA, CSI

Building Code Background and Application

- Development of the International Building Code 2018
- Code adoption in Chicago
- Chicago 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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Chicago Building Code
Live, Interactive Webinar - Monday, August 26, 2024

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Learning Objectives

You'll be able to:

Explore Chicago building code adoption, amendments, code terminology, and code enforcement.

Examine building occupancy and special uses.

Discuss types of construction and fire and smoke protection features.

Consider accessible routes, entrances, and facilities.

Dive deep into chapters 14-16, and learn about exterior walls and roofs, and roofing systems.

Analyze provisions on ventilation, HVAC controls, lighting, sound, unoccupied spaces, and bathrooms.

Learn to use specific materials and construction techniques.

Explore chapters 27-29 on electrical, mechanical, and plumbing systems.



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Chicago Building Code

Live, Interactive Webinar - Monday, August 26, 2024



Learn about adoption and amendment of the International Building Code in Chicago

Comply with code provisions on classification and occupancy of buildings

Meet requirements for fire protection, egress and accessibility

Examine code provisions on structural design, exterior walls and roofs

Comply with requirements for interior construction

Review requirements for the use of specific materials, including concrete, wood and steel

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7.0 AIA LU | HSW

International Code Council
.7 CEUs (Building)

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Webinar Information

Online - Monday, August 26, 2024

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

Tuition
\$339 for individual registration.
\$309 for two or more registrants from the same company at the same time.

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Faculty

Christopher E. Chwedyk, AIA, CSI
The Code Group, Burnham Nationwide, Inc., Chicago
Mr. Chwedyk is a licensed architect and chief code consultant and director of the licensed architectural subsidiary of Burnham that he assisted in founding in 2001. He was previously the principal of the Chicago office of a firm that specialized in life safety and fire protection engineering, and he has been a member of such prestigious architectural firms as Skidmore, Owings and Merrill; Bertrand Goldberg Associates; and Jack Train Associates. With over 40 years of experience in the profession, Mr. Chwedyk has concentrated on the technical requirements of building design and has managed the production of code-compliant construction documents for a wide variety of project types. Over the past two decades he has performed numerous code compliance plan reviews for the City of Chicago and other municipalities. He is also a certified building plans examiner through the International Code Council (ICC) and currently serves on the International Fire Code Action Committee. Mr. Chwedyk's professional affiliations include the American Institute of Architects (AIA), and he is the 2018 chair of the National AIA Codes and Standards Committee.

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 Illinois.

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).

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Additional Learning

Deep Foundations
- Thursday, August 8, 2024 | 9:00 am - 12:00 pm CDT

Residential Elevators and Lifts
- Monday, August 12, 2024 | 2:00 - 4:00 pm CDT

2024 International Building Code: Code Fundamentals
- Tuesday, August 13, 2024 | 12:00 - 4:30 pm CDT

Tiny House Design and Construction
- Tuesday, August 13, 2024 | 9:00 am - 5:15 pm CDT

Engineering Ethics and Engineering Code of Conduct for Professional Engineers
- Friday, August 16, 2024 | 10:00 am - 12:00 pm CDT

Finance and Engineering Economics for Engineers
- Monday, August 19, 2024 | 10:00 am - 2:30 pm CDT
- Tuesday, August 20, 2024 | 10:00 am - 2:30 pm CDT

Basics of Structural Steel Design and Construction
- Tuesday, August 20, 2024 | 8:30 am - 4:30 pm CDT

Complying with NFPA 101 (2021): Life Safety Code
- Wednesday, August 21, 2024 | 8:30 am - 5:00 pm CDT

Designing and Constructing Net-Zero Energy Homes
- Friday, August 23, 2024 | 8:30 am - 4:00 pm CDT

Improving Interior Air Quality in Residential and Commercial Buildings
- Friday, August 23, 2024 | 12:00 - 2:00 pm CDT

Flood-Resistant Design and Construction
- Monday, August 26, 2024 | 9:00 am - 4:30 pm CDT

2024 International Building Code: Administration and Enforcement
- Tuesday, August 27, 2024 | 12:00 - 4:30 pm CDT

Complying with Commercial Provisions of the 2021 International Energy Conservation Code
- Tuesday, August 27, 2024 | 9:00 am - 4:30 pm CDT

How to Calculate the Proper Size and Volume for Water Lines (Pex & Copper), Drain-Waste-Vent (DWV) Lines and Natural Gas Lines
- Tuesday, August 27, 2024 | 8:30 am - 3:30 pm CDT

Current Issues in Urban Planning: Climate Planning and Equity Planning
- Wednesday, August 28, 2024 | 9:00 am - 4:00 pm CDT

Physics of Construction of a Building
- Wednesday, August 28, 2024 | 8:30 am - 4:30 pm CDT

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