

# Agenda

*Presented by Jerry R. Tepe, FAIA*

**Development and Enforcement of the International Residential Code**

- Recent history of codes
- Code development process

**Part I – Administrative**

- Information required on construction documents

**Part II - Definitions**

**Part III - Building Planning and Construction (Chapters 2-10)**

- Building planning
- Shell construction

**Part IV - Energy Conservation (Chapter 11)**

- Building thermal envelope
- Existing buildings, additions, alterations, repairs and change of occupancy

**Part V – Mechanical (Chapters 12-223)**

- Heating and cooling equipment and appliances
- Solar thermal energy systems

**Part VI – Fuel Gas (Chapter 24)**

**Part VII – Plumbing (Chapters 25-33 & UPC)**

- Fixtures
- Water supply and distribution
- Sanitary and storm drainage

**Part VIII – Electrical (Chapters 34-43 & NEC, NFPA 70)**

- Services
- Devices and luminaires
- Appliances
- Swimming pools

**Part XI - Appendices**

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**Residential Provisions of the  
Pennsylvania Uniform Construction Code**  
Live, Interactive Webinar - Friday, May 21, 2021

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## Learning Objectives

**You'll be able to:**

**Discuss** the code development process and the adoption of the International Residential Code in Pennsylvania.

**Comply** with requirements on building planning and shell construction.

**Meet** Code requirements for energy efficiency of building thermal envelopes.

**Comply** with provisions on heating and cooling equipment and on fuel gas systems.

**Meet** residential code requirements for plumbing fixtures, water supply systems and sanitary drainage.

**Comply** with code provisions on electrical systems.



**HalfMoon Education Online Learning**

## Residential Provisions of the Pennsylvania Uniform Construction Code

*Live, Interactive Webinar - Friday, May 21, 2021*



**Explore** the development and enforcement of the International Residential Code in Pennsylvania

**Examine** building planning and shell construction requirements

**Study** requirements for energy conservation, including building thermal envelope

**Learn** about requirements for heating and cooling equipment and appliances

**Examine** requirements for fuel gas, plumbing, and electrical systems

**Continuing Education Credits**

**Professional Engineers**  
6.5 PDHs

**Architects**  
6.5 HSW CE Hours

**AIA**  
6.5 LU|HSW

**International Code Council**  
.65 CEUs (Building)

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Education  
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# Faculty

**Jerry R. Tepe, FAIA** *Owner at JRT-AIA Architect, in Concord, New Hampshire*  
Mr. Tepe is a licensed architect. In practice for more than 45 years, he has been both a member and an officer of large E/A firms and a sole practitioner. His project experience ranges from single-family dwellings to large, multi-million dollar commercial and industrial facilities. As a sole proprietor, his firm specializes in building, fire and accessibility code (ADA) consulting to architects, contractors, insurance and legal professionals and private entities, including third-party plan reviews and accessibility inspections.

Mr. Tepe has been active in the code development process through the AIA since joining the AIA Codes and Standards Committee in 1987. With the creation of the International Code Council (ICC), he participated in the initial development of the International Building Code on the General/Occupancies subcommittee and was the chair of that group for two terms. Mr. Tepe was a member of the International Fire Code Development Committee for two terms and also the IBC Fire Safety and Egress Code Development Committees. Additionally he served a term on the ICC Code Correlation Committee. He has made numerous presentations to conference audiences on topics related to building code enforcement and interpretation issues.

Mr. Tepe has held all offices at both the state level (AIANH) and the regional level (AIA New England). He was active in the legislative process in New Hampshire to adopt the first statewide set of building codes. He has taught numerous code and accessibility-related issues in New Hampshire, New England and at BOCA, ICC, BSA and AIA conferences. He is a past chair of the Building Code Board of Appeals in Concord, New Hampshire. He has also served on several other code and building-related state and local committees and groups and is a past chair of the AIA Center for Building Science and Performance Knowledge Community.

# Webinar Information

Log into Webinar 8:00 - 8:30 am EDT	Break 12:00 - 1:00 pm EDT
Morning Session 8:30 am - 12:00 pm EDT	Afternoon Session 1:00 - 4:30 pm EDT

**Tuition**  
**\$289** for individual registration  
**\$199** for three or more registrants from the same company at the same time.  
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# Additional Learning

**The 2021 International Fire Code**  
- Thurs, April 22, 2021 | 8:30 am - 5:00 pm CDT

**Low Impact Development**  
- Thurs, April 22, 2021 | 10:00 am - 2:00 pm CDT  
- Fri, April 23, 2021 | 10:00 am - 12:45 pm CDT

**2021 International Residential Code: Residential Non-Structural Design**  
- Fri, April 23, 2020 | 11:00 am - 3:30 pm CDT

**Structural Forensic Engineering**  
- Tues, April 27, 2021 | 7:30 am - 4:00 pm CDT

**Construction Cost Estimating**  
- Wed, April 28, 2021 | 8:30 am - 4:30 pm CDT

**Structural Dynamics for Seismic Design**  
- Fri, April 30, 2021 | 8:30 am - 3:30 pm CDT

**Handling Ethical Issues in Government Projects**  
- Fri, April 30, 2021 | 12:00 - 1:00 pm CDT

For more information  
and other online learning opportunities visit:  
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**Continuing Education Credit Information**  
This webinar offers 6.5 PDHs to professional engineers and 6.5 HSW continuing education hours to architects licensed in Pennsylvania. Educators and courses are not subject to preapproval in Pennsylvania.  
  
The American Institute of Architects Continuing Education System has approved HalfMoon Education as a continuing education provider (Sponsor No. J885). Course approval is pending. Visit [www.halfmoonseminars.org](http://www.halfmoonseminars.org) for updates under this course listing.  
  
The International Code Council has approved this event for .65 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).

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# Registration

**Residential Provisions of the Pennsylvania Uniform Construction Code** - Online - Friday, May 21, 2021

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