



2023

ANNUAL
EDUICATION
INSTITUTE

March 20 - 24, 2023



“Leading the way to excellence in building and life safety”

*Engineers, Architects, Contractors, and
Design Professionals Welcome*

**Register
Early!**

Vendor Sponsorship

2023 Annual Education Institute

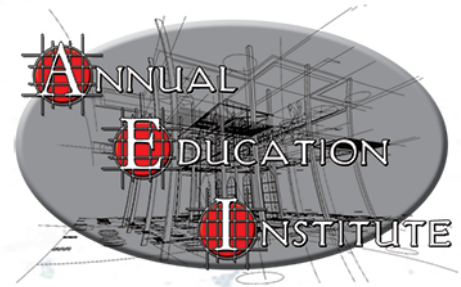
March 20-24, 2023

WABO is offering vendors an opportunity to exhibit their products or services by becoming a WABO Annual Education Institute (AEI) Vendor. You are invited to set up your display for as many days as you would like. WABO uses sponsorship fees to keep registration low by defraying expenses in order to provide training for more participants. Last year, we had over 450 attendees at the WABO Annual Education Institute.

Vendor sponsorship includes a six-foot skirted table, two chairs, and lunch for two. You may bring your own display. The cost per day is \$275. Sign up early as spaces will be assigned on a "first come, first served" basis. Sign up online at www.wabo.org

WABO AEI VENDOR BENEFITS:

- Choice of day your products or services will be displayed
- Narrow the focus of participants to a few vendors each day
- More one-on-one interaction
- Recognition as a WABO sponsor throughout the year



Thank you 2022 AEI Vendor Sponsors!



The WABO Bookstore

The WABO Bookstore will not be on site at the 2023 Annual Education Institute. Be sure to order your Code books online at www.wabo.org Please take into account all processing and shipping times for your orders.

Registration Information

Please register online at wabo.org. Multiple registrations can be e-mailed directly to WABO at wabo@wabo.org. Multiple registrations can be submitted on an excel spreadsheet and must include attendees name, e-mail address, and all individual classes they are attending. Attendees are responsible for bringing the appropriate code book(s) to class. Classes may be canceled if not enough registrations are received. **Registration fees must be paid prior to attendance.**

Cancellation, Refund & Substitution Policy

Submit all requests to WABO via email at wabo@wabo.org. All registration cancellations and refund requests must be received in writing by March 10, 2023, to receive a full refund, less a \$25 administrative fee. Refunds cannot be approved for requests received after this date, to include no-shows. Substitutions are gladly accepted at any time.

Institute Handouts & Education Certificates

Class handouts will be sent electronically to each attendee prior to the class. It will be up to the attendee to print a paper copy or download the materials to their personal computer.

Class sessions are from 8:30 am to 4:30 pm with a lunch provided. Participants are eligible to receive .7 ICC Preferred Provider CEU's per class. Attendees must sign the attendance roster for each class in order to receive a Certificate of Completion. Certificate of Completions will be sent to attendees **after** the conclusion of the Annual Education Institute.

Event Cancellation or Postponement

WABO reserves exclusive right to modify, postpone/reschedule, or cancel programs for any reason, including but not limited to emergency, inclement weather, or other 'acts of God'. If there is an event cancellation, every attempt will be made to reschedule and registration fees will be applied to the rescheduled date. Any travel, lodging, or incidental expenses incurred related to a canceled event cannot be refunded under any circumstances. If a canceled event cannot be rescheduled, WABO will determine an equitable basis for the refund of a portion or all of the registration fees, after due consideration of circumstances and expenditures.

Consent to Use of Photographic Images

Registration and attendance at, or participation in, WABO meetings and other activities constitutes an agreement by the registrant to the use and distribution of the registrant or attendees' image or voice in photographs, videotapes, electronic reproductions, and audiotapes of such events and activities by WABO and other third parties, including but not limited the venue, the host city, and the host Convention and Visitor's Bureau.

2023
ANNUAL
EDUCATION
INSTITUTE



**Lynnwood
 Convention
 Center**

FREE WIFI

FREE PARKING

Room Blocks

Limited to a first come first serve basis so reserve early to guarantee your room and price!



19332 36TH AVENUE W
 LYNNWOOD, WA 98036

HOTEL NUMBER
 (425) 775-7600

AMENITIES:

- Free Parking
- Smoke Free Facility
- Free Wireless Internet
- Room Coffee Maker
- Room Refrigerator & Microwave
- Fitness Center
- Outdoor Pool & Hot Tub (ADA)
- Complimentary Full Breakfast

King or Double Queen

Reserve rooms under "WABO 2023." for the special rate!

\$80 / night

Prices exclude taxes. Limited availability.

Rm Block Ends 3/17/23



2515 196TH ST SW
 LYNNWOOD, WA 98036

HOTEL NUMBER
 (425) 672-1234

AMENITIES:

- Free Parking
- Smoke Free Facility
- Complimentary Coffee In Lobby
- Free Wifi Access
- Self Laundry Facility
- Service Animals Allowed
- Fitness Center
- Heated Indoor Pool
- Free Breakfast Buffet

Double Queen Standard

Reserve rooms under "WABO" for the special rate!

\$117 / night

Prices exclude taxes. Limited availability.

Rm Block Ends 3/5/23



19324 ALDERWOOD MALL PARKWAY
 LYNNWOOD, WA 98036

HOTEL NUMBER
 (425) 771-1888

AMENITIES:

- Free Parking
- On Site Restaurant
- Smoke Free Facility
- Free Wifi Access
- Complimentary Business Center Services
- Self Laundry Facility
- Pet Friendly
- Fitness Center
- Indoor Pool & Hot Tub
- Free Hot Breakfast Buffet

Single Occupancy

Reserve rooms under "WABO 2023 Conference Rate - Group Code: WBO" for the special rate!

\$135 / night

Prices exclude taxes. Limited availability.

Rm Block Ends 2/20/23



20610 44TH AVE W
 LYNNWOOD, WA 98036

HOTEL NUMBER
 (425) 775-2500

AMENITIES:

- Free Parking
- On Site Restaurant & Bar Serving Dinner (M-Sa 4-10pm; Su 4-9pm)
- Newly Renovated Large 2 Room Suites
- Precor Fitness Facility (24 hours)
- Indoor Pool & Whirlpool
- Nightly Reception 5-6:30pm (2 Tickets for Beer, Wine, Cocktails, & Light Appetizers)
- Daily Hot Breakfast Buffet (M-F 6am-9am)

King Suite or Double Queen Suite

Reserve rooms under "WABO Annual Education Institute 2023 Block" for the special rate!

\$142 / night

Prices exclude taxes. Limited availability.

Rm Block Ends 3/5/23

Washington Safety Assessment of Facilities Evaluators Program (WAsafe): Building Safety Evaluations R Us

INSTRUCTORS: Jon Siu, PE, SE - *Jon Siu Consulting, LLC*

LEVEL: Beginning / Intermediate

Tim Blevins - *Seattle Department of Construction & Inspections (SDCI)*

Benjamin Enfield - *Seattle Department of Construction & Inspections (SDCI)*

REQUIRED/RECOMMENDED MATERIALS: ATC-20 Field Manual (minimum); ATC-45 Field Manual (optional) *Available through Applied Technology Council (<https://store.atcouncil.org/>) or the *WABO Bookstore**

We're all familiar with natural disasters, but mostly from a distance. The Pacific Northwest has seen wildfires in recent years, but has not otherwise experienced a widespread damaging event for many years. WAsafe was formed to organize and train a cadre of construction industry professionals to be ready to provide assistance to local jurisdictions when they are called upon to determine whether buildings are safe enough to occupy.

This full-day course will cover the basics of building safety evaluations for a variety of hazards, based on building safety evaluation programs for earthquakes, windstorms, and floods (ATC 20 & ATC 45), using examples from real events. The class will also cover response to landslides, fires, and other hazards. Students will also be introduced to the statewide process for volunteer emergency worker enrollment and dispatching being coordinated through WAsafe. Taking this course is one of the requirements for those who wish to enroll in the WAsafe program, or for those whose enrollments are expiring and want to renew.

This class is appropriate for any building department staff and design professionals, as well as newcomers to emergency response and those who just need a 5-year refresher to maintain their WAsafe enrollment. How prepared are you to respond to an emergency event in your community? This class will help you develop the knowledge and skills to prepare for and respond to a damaging event.

Target Audience:

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| <input checked="" type="checkbox"/> Building Officials | <input checked="" type="checkbox"/> Inspectors | <input checked="" type="checkbox"/> Plans Examiners | <input checked="" type="checkbox"/> Permit Technicians | <input checked="" type="checkbox"/> Architects | <input type="checkbox"/> Fire Marshals |
| <input checked="" type="checkbox"/> Designers | <input checked="" type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input type="checkbox"/> Other Professions: | | |

Legal Aspects and Ethics for Building Departments

INSTRUCTOR: Bill Clayton - *Shums Coda*

LEVEL: Beginning / Intermediate

RECOMMENDED MATERIALS: Legal Aspects of Code Administration

The first part of this course provides individuals with guidelines for administering the legal aspects of code enforcement, prosecution, and maintenance. Topics will include historical results of ignoring regulations, interpretation and application of pertinent laws, and theories of legal liability. The second part will discuss ethics, with a discussion of "real world" issues that affect the perception and performance of the code enforcement staff.

Target Audience:

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| <input checked="" type="checkbox"/> Designers | <input type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input type="checkbox"/> Other Professions: | | |

Register Online at www.wabo.org

Monday - March 20

2021 IRC Fire-Rated Construction and Braced Walls

INSTRUCTOR: Chris Kimball, SE, MCP, CBO - WC-3

LEVEL: Beginning / Intermediate

REQUIRED MATERIALS: 2021 International Residential Code

This course is broken up into to half-days. The first part of the day will cover the fire-resistance-rating requirements of buildings under the IRC, including a focus on the town home separation requirements. The second part of the day will be spent covering the IRC braced wall provisions. This will be a great class for plans examiners, inspectors, and contractors.

Target Audience:

- Building Officials Inspectors Plans Examiners Permit Technicians Architects Fire Marshals
 Designers Engineers Contractors Other Professions:

2021 IBC Update

INSTRUCTOR: Steve Thomas - Shums Coda

LEVEL: Beginning / Intermediate

REQUIRED MATERIALS: 2021 International Building Code

This course reviews the changes from the last edition to the current edition of the International Building Code. The background behind many of the changes will be discussed to provide the participant with an understanding of the intent of the changes and how to apply it to their everyday work. Subjects covered in the class will include the code change process, mixed occupancies, atriums, accessible means of egress, and many more.

Target Audience:

- Building Officials Inspectors Plans Examiners Permit Technicians Architects Fire Marshals
 Designers Engineers Contractors Other Professions:

Tuesday - March 21

2021 IRC Update

INSTRUCTOR: Bill Clayton - Shums Coda

LEVEL: Beginning / Intermediate

REQUIRED MATERIALS: 2021 International Residential Code

This course reviews the changes from the last edition to the current edition of the International Residential Code. The background behind many of the changes will be discussed to provide the participant with an understanding of the intent of the changes and how to apply it to their everyday work. Discussion covered in this class will also include the code change process.

Target Audience:

- Building Officials Inspectors Plans Examiners Permit Technicians Architects Fire Marshals
 Designers Engineers Contractors Other Professions:

Register Online at www.wabo.org

Customer Service and Public Relations

INSTRUCTOR: Steve Thomas - *Shums Coda*

LEVEL: Beginning / Intermediate

REQUIRED MATERIALS: N/A

This class will provide training on the soft skills needed to improve the day-to-day non-technical traits and behaviors that will enhance your ability to deal with contractors, residents, office personnel, and even your governing body. These skills will be beneficial when it comes to decision making, professionalism, problem solving and time management.

Target Audience:

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| <input checked="" type="checkbox"/> Designers | <input type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input type="checkbox"/> Other Professions: | | |

Shining A Light On PV and Energy Storage, An Inspection and Plan Review Guide

INSTRUCTOR: Chris Jensen - *UL, LLC*

LEVEL: Intermediate

REQUIRED MATERIALS: N/A

Solar PV and energy storage systems are becoming more prevalent in modern building design and construction. National efforts for sustainability are driving changes in the model codes to address the installation and hazards associated with these systems. This course will cover the requirements for PV systems and energy storage systems used in grid connected systems. This course will cover requirements found in the 2020 National Electrical Code, 2021 International Building Code, 2021 International Residential Code and 2021 International Fire Code. This course is geared for inspectors, plans examiners, designers and installers.

Target Audience:

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| <input checked="" type="checkbox"/> Designers | <input type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input type="checkbox"/> Other Professions: | | |

JOIN US IN BEAUTIFUL
LEAVENWORTH
FOR THE
WABO ANNUAL BUSINESS MEETING
APRIL 20-21, 2023

Check www.WABO.org for updates on registering. Scholarships available for first-timers!

Register Online at www.wabo.org

Tuesday - March 21

2021 IEBC Update/Overview

INSTRUCTOR: Chris Kimball, SE, MCP, CBO - WC-3

LEVEL: Beginning / Intermediate

REQUIRED MATERIALS: 2021 International Existing Building Code

How well do you understand the International Existing Building Code? This course will provide a general overview of the IEBC while also highlighting the changes that have been made to the 2021 from 2018 version that is currently adopted in Washington. It clarifies how the code is laid out and provides specific guidelines for how to use the book. Requirements for repairs, alterations, additions, moved structures and historic structures will be addressed.

Target Audience:

- Building Officials Inspectors Plans Examiners Permit Technicians Architects Fire Marshals
 Designers Engineers Contractors Other Professions:

Wednesday - March 22

Name That HVAC System

INSTRUCTORS: Lisa Rosenow - Evergreen Technology Consulting
Duane Lewellen - Evergreen Technology Consulting

LEVEL: Intermediate

REQUIRED MATERIALS: 2021 WSEC Commercial Provisions. (A reading list of specific provisions to review will be provided ahead of time)

Buildings are served by a wide range of mechanical equipment and system types. Identifying specific types in permit documents and determining how the energy code provisions apply to each type can be a challenge. In this training we'll review a new mechanical technical resource that provides general narratives and visual descriptions for a variety of HVAC system and equipment types. We'll demonstrate how the WSEC commercial technical support website handles equipment efficiencies and higher efficiency adjustments for additional energy efficiency measures and various HVAC exceptions. We'll also cover heat pump technology fundamentals and summarize the new heat pump space heating requirements in the 2021 WSEC.

Target Audience:

- Building Officials Inspectors Plans Examiners Permit Technicians Architects Fire Marshals
 Designers Engineers Contractors Other Professions:

Need A Code Book?
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www.WaboBookstore.org

WABO

Register Online at www.wabo.org

Earthquake Home Retrofit Seminar

INSTRUCTORS: Hoyt Jeter, PE - *City of Tacoma*
Dean Greenleaf - *Seattle Department of Construction & Inspections (SDCI)*
Dennis Pradere - *Seattle Department of Construction & Inspections (SDCI)*
Michelle Yee - *Simpson Strong-Tie Company, Inc*
Michael Showalter - *Construction Dispute Resolution, Inc*

LEVEL: Beginning

REQUIRED MATERIALS: N/A

Earthquake Home Retrofit Training provides a consistent, approved approach to the seismic retrofit of older, wood-framed, single-family homes that conform to the prescriptive Project Impact Plan Set application limitations. This course was developed in collaboration with Seattle Emergency Management (Project Impact) and includes the 2021 Plan Set Update. The training enables builders and contractors to enhance their skills and expand their business into a new area. Participants receive extensive materials as part of the course. Contractors who complete this course will be given the option of having their names made available to homeowners via the WABO Earthquake Home Retrofit Page.

This session will provide background of seismicity of the Puget Sound Region and will discuss vulnerable types of buildings and their elements. We will also discuss basic lateral design concepts, proper construction of resisting elements, regulating codes, and standards. This course will focus on retrofitting small wood framed residential buildings and methods to upgrade existing lateral resisting elements; such as diagrams, shear walls, pony walls, and concrete foundation connections.

Target Audience:

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| <input checked="" type="checkbox"/> Building Officials | <input checked="" type="checkbox"/> Inspectors | <input type="checkbox"/> Plans Examiners | <input type="checkbox"/> Permit Technicians | <input type="checkbox"/> Architects | <input type="checkbox"/> Fire Marshals |
| <input type="checkbox"/> Designers | <input type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input type="checkbox"/> Other Professions: | | |

Resistance Is Futile... Unless Its Done Right! (A Hands On Approach to Fire Resistance and Firestopping)

INSTRUCTORS: Jon Roberts - *UL, LLC*
Mark St Onge - *UL, LLC*

LEVEL: Beginning

REQUIRED MATERIALS: Tablet, laptop, or smartphone; Visit UL ProductIQ (www.ul.com/piq) prior to class

This is intended to be a day of hands on learning where attendees will be given some quick guidance using UL's on-line tool, UL ProductIQ, to locate and understand fire rated assemblies and will participate in group learning exercises throughout the day. Attendees will be assembling small scale models of fire resistant walls and then will be installing fire stopping around certain penetrating items using pre-constructed wall sections at their tables followed by a quick "inspection" of the installations to determine if the firestopping is done in accordance with the proper design criteria.

Target Audience:

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| <input type="checkbox"/> Designers | <input checked="" type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input checked="" type="checkbox"/> Other Professions: | Building, Fire, and Special Inspectors | |

Register Online at www.wabo.org

Introduction to Plan Review/Inspections for Permit Technicians

INSTRUCTOR: Bill Clayton - *Shums Coda*

LEVEL: Beginning / Intermediate

REQUIRED/RECOMMENDED MATERIALS: 2021 International Residential Code (minimum); 2021 International Building Code (optional)

This course is designed primarily for the building department employee who has an interest in learning more about the plan review aspects of working at the front counter and basic building inspections. The course is intended to provide essential information that will assist in doing plan review and inspections as it relates to smaller projects such as patio covers, room additions, decks, garages, hot tubs, and other items.

Target Audience:

- Building Officials Inspectors Plans Examiners Permit Technicians Architects Fire Marshals
 Designers Engineers Contractors Other Professions:

IBC Means of Egress

INSTRUCTOR: Steve Thomas - *Shums Coda*

LEVEL: Beginning / Intermediate

REQUIRED MATERIALS: 2021 International Building Code

This class is a basic overview of the means of egress requirements included in Chapter 10 of the IBC. The presentation will include detailed discussions on the design of the means of egress in buildings. Subjects included in the class are the three parts of the means of egress including occupant loads, egress width, number of exits, travel distance, common path of egress travel, and exit enclosures. Practical examples will be used to illustrate code requirements.

Target Audience:

- Building Officials Inspectors Plans Examiners Permit Technicians Architects Fire Marshals
 Designers Engineers Contractors Other Professions:

Interested in joining the network of
professionals trained as WAsafe volunteers,
ready to respond to communities in need in WA State?

WAsafe

Washington State
Safety Assessment
Facility Evaluators

To enroll as a WAsafe volunteer & to see minimum qualifications, view WAserv Registration Procedures at <https://www.wabo.org/emergency-responders-wasafe>

Register Online at www.wabo.org

Washington Wildland-Urban Interface Code

INSTRUCTOR: Micah Chappell - *Seattle Dept. of Construction & Inspections (SDCI)*

LEVEL: Beginning / Intermediate / Advanced

REQUIRED MATERIALS: N/A

The Washington Wildland-Urban Interface (WA-WUI) Code course will outline the updated Wildland-Urban Interface Code that Washington has adopted for the 2021 Washington Codes. The course will cover the practices and process within the WA-WUI Code that guides construction within the area or zone where structures and other human development meet or intermingle with undeveloped wildland or vegetative fuels. Additionally, the WA-WUI Code course will explore the use of the WA-DNR Wildland-Urban Interface mapping, how it correlates with the adopted Code, and the process for a findings of fact to verify or modify the mapping designations.

Target Audience:

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| <input checked="" type="checkbox"/> Designers | <input checked="" type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input checked="" type="checkbox"/> Other Professions: Property Owners/Tenants | | |

Distinguishing NFPA 13, 13R, and 13D

INSTRUCTOR: Tony Doan - *Washington Code Academy, LLC*

LEVEL: Beginning / Intermediate / Advanced

RECOMMENDED MATERIALS: NFPA 13; NFPA 13R; NFPA 13D

This course will dive into the similarities and differences between NFPA 13, 13R, and 13D. These NFPA standards govern the install of fire sprinkler systems for commercial buildings and residential structures. Course attendees will learn when to apply each standard, the intent of each standard, the difference in install requirements, and the hydraulic demand requirements for each system type. This course will cover how to apply these standards to plans examining and inspections in your jurisdiction.

Target Audience:

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| <input checked="" type="checkbox"/> Designers | <input checked="" type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input type="checkbox"/> Other Professions: | | |

Come Over To
OCEAN SHORES
And Dive Into The
WABO SUMMER MEETING
July 20-21, 2023
Check www.WABO.org for updates on registering.
Scholarships available for first-timers!

Register Online at www.wabo.org

2021 UPC - Overview and Changes

INSTRUCTOR: Jed Scheuermann - IAPMO

LEVEL: Intermediate

REQUIRED MATERIALS: 2021 Uniform Plumbing Code; Washington Amendments

This course is an overview of the 2021 Uniform Plumbing Code (UPC). We will delve into significant changes from the 2018 edition as well as examine the latest Washington state amendments to code. New technologies and different methods have been introduced. Numerous photographs of good, bad, and ugly plumbing installations will be included. This allows for a class that is as interactive as possible by having participants weigh in on what they observe in these scenarios.

Target Audience:

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| <input checked="" type="checkbox"/> Designers | <input checked="" type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input type="checkbox"/> Other Professions: | | |

2021 WSEC Commercial - Key Changes and Tools to Navigate Them

INSTRUCTORS: Lisa Rosenow - Evergreen Technology Consulting
Duane Lewellen - Evergreen Technology Consulting

LEVEL: Intermediate

REQUIRED MATERIALS: 2021 WSEC Commercial Provisions. (A reading list of specific provisions to review will be provided ahead of time)

The 2021 WSEC is scheduled for adoption in July 2023. Through a facilitated discussion we'll summarize the most substantive commercial changes and ideas for compliance verification. Discussion will focus on provisions where the scope of the code will be expanded including additional energy efficiency and load management measures, heat pump space heating and service water heating, demand responsive controls, and on-site renewable energy. We'll also demonstrate how the WSEC commercial technical support website will address these new requirements and what to look for in the compliance documentation output reports.

Target Audience:

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| <input checked="" type="checkbox"/> Designers | <input checked="" type="checkbox"/> Engineers | <input type="checkbox"/> Contractors | <input type="checkbox"/> Other Professions: | | |



Visit Us In
CHARMING WALLA WALLA
FOR OUR
WABO FALL MEETING
OCT 26-29, 2023

Check www.WABO.org for updates on registering.
Scholarships available for first-timers!

The banner features a collage of images: a historic building, hot air balloons, and wine glasses filled with red and white wine, set against a background of autumn foliage and grapevines.

Register Online at www.wabo.org

Thursday - March 23

2021 IRC Update

INSTRUCTOR: Bill Clayton - *Shums Coda*

LEVEL: Beginning / Intermediate

REQUIRED MATERIALS: 2021 International Residential Code

This course reviews the changes from the last edition to the current edition of the International Residential Code. The background behind many of the changes will be discussed to provide the participant with an understanding of the intent of the changes and how to apply it to their everyday work. Discussion covered in this class will also include the code change process.

Target Audience:

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Friday - March 24

2021 Washington State Residential Energy Code

INSTRUCTOR: Jonathan Jones - *WSU Energy*

LEVEL: Intermediate

REQUIRED MATERIALS: N/A

Join WSU's Energy Program's Jonathan P. Jones, as he presents on the upcoming Washington State's Residential Energy (WSEC-R) code. The 2021 WSEC-R will be in effect on July 1, 2023. WSU's Energy Program seminar focuses on significant changes to the energy code (both to the base code and options categories in the R-406) and commonly misunderstood requirements. This course is ideal for building department staff, builders, contractors, architects, energy consultants, and any other building industry professionals who wish to gain a proficient understanding of this code. This class is scheduled for the full day so bring your lunch box and Thermos! *Lunch Provided*

Target Audience:

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| <input checked="" type="checkbox"/> Designers | <input checked="" type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input checked="" type="checkbox"/> Other Professions: Energy Consultants | | |

2021 International Fire Code Significant Changes

INSTRUCTOR: Tony Doan - *Washington Code Academy, LLC*

LEVEL: Beginning / Intermediate / Advanced

REQUIRED MATERIALS: 2021 International Fire Code

July 1, 2023 marks the date Washington State will adopt the 2021 set of International Codes. This course will cover the significant changes to the 2021 International Fire Code as well as the significant changes at the state level. Course attendees will be able to identify and apply the significant changes that are unique to the 2021 International Fire Code.

Target Audience:

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| <input checked="" type="checkbox"/> Designers | <input checked="" type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input type="checkbox"/> Other Professions: | | |

Register Online at www.wabo.org

2021 IBC Update

INSTRUCTOR: Steve Thomas - *Shums Coda*

LEVEL: Beginning / Intermediate

REQUIRED MATERIALS: 2021 International Building Code

This course reviews the changes from the last edition to the current edition of the International Building Code. The background behind many of the changes will be discussed to provide the participant with an understanding of the intent of the changes and how to apply it to their everyday work. Subjects covered in the class will include the code change process, mixed occupancies, atriums, accessible means of egress, and many more.

Target Audience:

- | | | | | | |
|--|--|---|--|--|--|
| <input checked="" type="checkbox"/> Building Officials | <input checked="" type="checkbox"/> Inspectors | <input checked="" type="checkbox"/> Plans Examiners | <input checked="" type="checkbox"/> Permit Technicians | <input checked="" type="checkbox"/> Architects | <input type="checkbox"/> Fire Marshals |
| <input checked="" type="checkbox"/> Designers | <input type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input type="checkbox"/> Other Professions: | | |

Accessibility Under the 2021 IBC and 2017 A117.1

INSTRUCTOR: Jay Woodward - *International Code Council*

LEVEL: Intermediate

RECOMMENDED MATERIALS: 2021 International Building Code; 2017 A117.1

Rambling? Heck no; this accessibility program will cover a lot of material and provide something for everyone.

This training will focus on the minimum requirements for both new or existing construction of accessible facilities in compliance with the 2021 International Building Code (IBC) and the 2017 edition of the ICC A117.1 standard. The program is intended to make participants comfortable with the scoping requirements from the IBC and the International Existing Building Code (IEBC) and then tie that to the technical requirements from the new A117.1 standard to ensure that facilities are properly constructed. Because the A117.1 standard had many substantial changes, and in some situations address new and existing facilities differently, the discussion will cover the background, reasons, and justification for the changes. This course will also address the accessible means of egress requirements of IBC Section 1009 and the relationship to the requirements of the ADA Standard for Accessible Design.

Target Audience:

- | | | | | | |
|--|--|---|--|--|---|
| <input checked="" type="checkbox"/> Building Officials | <input checked="" type="checkbox"/> Inspectors | <input checked="" type="checkbox"/> Plans Examiners | <input checked="" type="checkbox"/> Permit Technicians | <input checked="" type="checkbox"/> Architects | <input checked="" type="checkbox"/> Fire Marshals |
| <input checked="" type="checkbox"/> Designers | <input type="checkbox"/> Engineers | <input checked="" type="checkbox"/> Contractors | <input checked="" type="checkbox"/> Other Professions: Fire Inspectors | | |

SAVE THE DATES FOR NEXT YEAR!



MARCH 25-28, 2024

LYNNWOOD CONVENTION CENTER

Register Online at www.wabo.org

Registration Form

Class sessions run from 8:30am - 4:30pm

Remember to
Register Early
to Save On Fees!

EARLY REGISTRATION

Member - \$125 Daily
Nonmember - \$175 Daily
(ends February 17, 2023)

REGISTRATION

Member - \$150 Daily
Nonmember - \$200 Daily
(after February 17, 2023)

Name: _____

Title: _____ Organization: _____

Address: _____

City/State/Zip: _____

Email: _____ (class handouts will be sent to this address)

Phone: _____

Total amount due: \$ _____ Are you a WABO member: YES NO

Method of Payment: Check Visa MC Jurisdiction Purchase Order # _____

Credit Card Number: _____ CVV: _____ Exp Date: _____

Name on Card: _____ Billing Zip: _____

Signature: _____

Return to WABO, P.O. Box 7310, Olympia, WA 98507

CHECK ONLY ONE CLASS PER DAY

MONDAY MARCH 20

- Washington Safety Assessment of Facilities Evaluators Program (WAsafe): Building Safety Evaluations R US
- Legal Aspects and Ethics for Building Departments
- 2021 IRC Fire-Rated Construction and Braced Walls
- 2021 IBC Update

TUESDAY MARCH 21

- 2021 IRC Update
- Customer Service and Public Relations
- Shining A Light On PV and Energy Storage, An Inspection and Plan Review Guide
- 2021 IEBC Update/ Overview

WEDNESDAY MARCH 22

- Name That HVAC System
- Earthquake Home Retrofit Seminar
- Resistance Is Futile... Unless Its Done Right! (A Hands On Approach to Fire Resistance and Firestopping)
- Introduction to Plan Review/Inspections for Permit Technicians
- IBC Means of Egress

THURSDAY MARCH 23

- Washington Wildland-Urban Interface Code
- Distinguishing NFPA 13, 13R, and 13D
- 2021 UPC - Overview and Changes
- 2021 WSEC Commercial - Key Changes and Tools to Navigate Them
- 2021 IRC Update

FRIDAY MARCH 24

- 2021 Washington State Residential Energy Code
- 2021 International Fire Code Significant Changes
- 2021 IBC Update
- Accessibility Under the 2021 IBC and 2017 A117.1

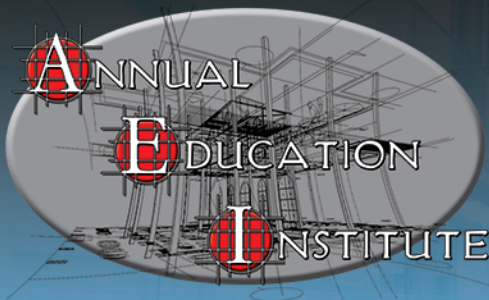
Register Online at www.wabo.org



Washington Association of Building Officials
 P.O. Box 7310
 Olympia, WA 98507
 www.WABO.org

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2023



March 20-24, 2023

LOCATION

Lynnwood Convention Center
 3711 196th St SW
 Lynnwood, WA 98036

Register Online At www.wabo.org

Institute Schedule At A Glance..

MONDAY MARCH 20	TUESDAY MARCH 21	WEDNESDAY MARCH 22	THURSDAY MARCH 23	FRIDAY MARCH 24
Washington Safety Assessment of Facilities Evaluators Program (WAsafe): Building Safety Evaluations R US	2021 IRC Update	Name That HVAC System	Washington Wildland-Urban Interface Code	2021 Washington State Residential Energy Code
Legal Aspects and Ethics for Building Departments	Customer Service and Public Relations	Earthquake Home Retrofit Seminar	Distinguishing NFPA 13, 13R, and 13D	2021 International Fire Code Significant Changes
2021 IRC Fire-Rated Construction and Braced Walls	Shining A Light On PV and Energy Storage, An Inspection and Plan Review Guide	Resistance Is Futile... Unless Its Done Right! (A Hands On Approach to Fire Resistance and Firestopping)	2021 UPC - Overview and Changes	2021 IBC Update
2021 IBC Update	2021 IEBC Update/Overview	Introduction to Plan Review/Inspections for Permit Technicians	2021 WSEC Commercial - Key Changes and Tools to Navigate Them	Accessibility Under the 2021 IBC and 2017 A117.1
		IBC Means of Egress	2021 IRC Update	