



REGISTER EARLY!

2024

ANNUAL EDUCATION INSTITUTE

MARCH 25 - 28



"Leading the way to excellence in building & life safety"
Engineers, Architects, Contractors, and
Design Professionals Welcome

VENDOR SPONSORSHIP

2024 ANNUAL EDUCATION INSTITUTE

MARCH 25-28, 2024

WABO offers vendors an opportunity to exhibit their products or services by becoming a WABO Annual Education Institute (AEI) Vendor. You're 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 an average of 322 attendees per day at the WABO AEI!

Vendor sponsorship includes a six-foot skirted table, two chairs, and lunch for two. You may bring your own display. Sign up early as spaces are 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 2023 AEI VENDOR SPONSORS!



THE WABO BOOKSTORE

The WABO Bookstore will not be on site at the 2024 Annual Education Institute. Be sure to order your Code books online at www.wabobookstore.org. Please take into account all processing and shipping times for your orders.



REGISTRATION INFORMATION

Please register online at www.wabo.org. Multiple registrations can be submitted through email at admin@wabo.org on a spreadsheet (must include attendees name, e-mail, and each classes they are attending). Attendees are responsible for bringing the appropriate code book(s) to class. Classes may be canceled if too little registrations are received. **Registration fees must be paid prior to attendance.**

CANCELLATION, REFUND & SUBSTITUTION POLICY

Submit requests via email at admin@wabo.org. Cancellations and refund requests must be received in writing 10 days prior to the first day of institute, to receive a full refund, less a \$25 administrative fee. Refund requests received after this date cannot be approved (including no-shows). Substitutions are accepted 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/devices.

Class sessions run from 8:30 am to 4:30 pm with lunch provided. Participants are eligible to receive 0.7 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'. In the event of a 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 attendee's 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 to the venue, host city, and host Convention and Visitor's Bureau.



CBO TRAINING - LEGAL ASPECTS OF CODE ADMINISTRATION

INSTRUCTOR Bill Clayton - *Shums Coda*

LEVEL Intermediate

RECOMMENDED MATERIALS 2021 Edition of IBC, IFC, & IPMC; 2017 Legal Aspects of Code Administration; Human Resources Management for Public & Nonprofit Organizations (4th Edition); Building Department Administration (5th Edition)

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. The first day will also include suggestions on how to study and prepare for the test.



- Building Officials
- Plans Examiners
- Contractors

- Designers
- Permit Technicians
- Other Professions:

- Inspectors
- Architects

- Engineers
- Fire Marshals

PROCTORED CERTIFICATION TESTING! LEGAL MODULE - MG

ICC proctored exam will be offered on-site March 25th, 2024 at 5:00 pm if WABO receives a minimum sign-up of at least 20 individuals.

WABO Annual Education Institute attendees will receive ICC Member pricing for the exam!

ICC will send a link for the exam application separately once minimum sign-up is met.

For exam details, see the WABO website.

LAST DAY TO REGISTER FOR EXAM MARCH 8, 2024!



HIGH-RISE BUILDINGS

INSTRUCTOR Steve Thomas - *Shums Coda*

LEVEL Intermediate

RECOMMENDED MATERIALS Washington Building Code

This seminar will discuss the unique building code requirements for high-rise buildings. These types of structures create challenges for firefighters and occupants of a building in an emergency. The code provides requirements to mitigate the inherent hazards in these types of buildings. The class will discuss fire protection requirements, egress requirements, special inspection requirements, and elevator requirements.



- Building Officials
- Plans Examiners
- Contractors

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- Other Professions:

- Inspectors
- Architects

- Engineers
- Fire Marshals

REGISTER ONLINE AT WWW.WABO.ORG



THE OFFICIAL FORUM - BUILDING OFFICIAL AND FIRE CODE OFFICIAL COORDINATION

INSTRUCTOR Chris Seaman - *City of Tacoma*

LEVEL Beginning

REQUIRED MATERIALS N/A

Come with questions as we explore the relationship between Building Officials and Fire Code Officials and the models they use to administer their codes. Jurisdictions throughout Washington have different ways of administering their codes from fully integrated fire and building review teams to separate permitting systems and everything in between. Join the conversation with a panel of local Building Officials and Fire Code Officials as to see what challenges your peers are facing and what successes they have found.



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

2021 UPC AMENDMENTS, REVISIONS, AND NEW CODES

INSTRUCTORS Steven Hart, CBO - *Seattle-King County Public Health*
Dave Price - *Seattle-King County Public Health*

LEVEL Beginning/Intermediate/Advanced

REQUIRED MATERIALS 2021 UPC with WA State Amendments Inserted (Loose Leaf 3-Ring Binder Preferred By Instructors); Highlighter &/or Sticky Tabs

This seminar is intended to provide critical technical and non-technical information covering the 2021 UPC code changes. In-depth instruction and discussion about multiple code changes including:

- Understanding significant new energy code heat pump changes that affect hot water system design
- Major code changes to the secondary storm water system requiring design at double the rainfall rate without a ponding instability analysis
- Options in addressing dead legs within a water supply system to meet new code Section 309.6 requiring method of flushing
- Learn why 5 toilets are now allowed on a 3-inch drain pipe installed in the vertical or horizontal position
- And Much More...

Bring any and all plumbing questions - we will answer them!



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

REGISTER ONLINE AT WWW.WABO.ORG

WHAT IS THIS THING?

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

LEVEL Intermediate

RECOMMENDED MATERIALS 2021 WSEC Commercial Provisions (A refined reading list will be provided with handouts)

This session will provide guidance about how to identify mechanical systems and components that are commonly used in commercial buildings for heating, cooling and ventilation, as well as the 2021 WSEC requirements that apply to them. System types we'll cover include: packaged & split system heat pumps, multiple-zone heat pump systems, hydronic heating and cooling systems, unit heaters, and dedicated outdoor air systems (DOAS). We'll also cover typical distribution components and temperature controls. The session will include a moderated panel discussion with a building official and mechanical contractor to discuss compliance and enforcement of the commercial 2021 WSEC provisions.



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SIGNIFICANT CHANGES TO THE WASHINGTON STATE AMENDMENTS

INSTRUCTOR Micah Chappell, MBA, CBO - *Seattle Dept. of Construction & Inspections (SDCI)*

LEVEL Beginning/Intermediate/Advanced

RECOMMENDED MATERIALS WA Custom Codes

We will cover selected WA State amendments to the Codes including building, residential, fire, mechanical, plumbing, and others. Additionally, we will briefly discuss some of the rationale for major changes, the process to create state amendments to the adopted Codes, and how to get involved in future Code development. Attendees are encouraged to bring code change proposals to add to future code development.



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- Other Professions:

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- Engineers
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WASAFE

WA STATE SAFETY ASSESSMENT
FACILITY EVALUATORS

SCAN CODE FOR MORE
INFORMATION!



REGISTER ONLINE AT WWW.WABO.ORG



CBO TRAINING - MANAGEMENT EXAMINATION REVIEW

INSTRUCTOR Bill Clayton - *Shums Coda*

LEVEL Intermediate

RECOMMENDED MATERIALS 2021 Edition of IBC & IFC; 2017 Legal Aspects of Code Administration; Human Resources Management for Public & Nonprofit Organizations (4th Edition); A Budgeting Guide for Local Government (4th Edition); Building Department Administration (5th Edition); Inspector Skills

The class will review the management portion of the test. Subjects discussed will include customer service and communication, personnel management, records management, and financial management. Examples of these items will be discussed.



- Building Officials
- Plans Examiners
- Contractors

- Designers
- Permit Technicians
- Other Professions:

- Inspectors
- Architects

- Engineers
- Fire Marshals

PROCTORED CERTIFICATION TESTING! MANAGEMENT MODULE - MM

ICC proctored exam will be offered on-site March 26th, 2024 at 5:00 pm if WABO receives a minimum sign-up of at least 20 individuals.

WABO Annual Education Institute attendees will receive ICC Member pricing for the exam!

ICC will send a link for the exam application separately once minimum sign-up is met.

For exam details, see the WABO website.

LAST DAY TO REGISTER FOR EXAM MARCH 8, 2024!



MULTIFAMILY MASH-UP - WSEC COMMERCIAL & RESIDENTIAL COMPARISON

INSTRUCTORS Lisa Rosenow - *Evergreen Technology Consulting*
Duane Lewellen - *Evergreen Technology Consulting*
Jonathan Jones - *WSU Energy*

LEVEL Intermediate

RECOMMENDED MATERIALS 2021 WSEC Commercial & Residential Provisions (A refined reading list will be provided with handouts)

Commercial and residential energy code experts will provide a summary of requirements that apply specifically to multifamily buildings. There are changes to the multifamily residential definition in the 2021 WSEC-R that impact which code version applies based on building configuration. We'll provide a summary of common and new technology HVAC and SWH system types found in multifamily buildings and then compare and contrast how the requirements differ between the two energy codes for this building type.



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- Architects

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- Fire Marshals

REGISTER ONLINE AT WWW.WABO.ORG



THE COMPLETE INSPECTOR

INSTRUCTORS Al Jongsma - *City of Burlington (Retired)*
Kelly Blaine - *City of Burlington*

LEVEL Intermediate

REQUIRED MATERIALS N/A

This course was designed for individuals responsible for field inspection, anyone who interacts with the public as a code regulator, and understanding the 'why' for what we are asking the public to do.

We will talk about who we interact with and learn how to identify and mitigate the negativity that we are constantly exposed to. The class will focus on identifying and understanding the many skill sets needed as inspectors such as: political, professional, educational, negotiator, etc. and the 'wisdom' that will be gained from applying these tactics to your profession. We will also use real life examples for how to use these different skill sets for the best outcome possible for many different scenarios we are faced with, as well as learning how to gain and maintain at all times.

The seminar will end with a breakdown, understanding, and discussion of how these skill sets were needed/used to deal with a complicated and high-profile enforcement situation that the City of Burlington had been dealing with the last few years and how the final accomplishments couldn't have been done without them.



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WASHINGTON WILDLAND-URBAN INTERFACE CODE

INSTRUCTOR Micah Chappell, MBA, CBO - *Seattle Dept. of Construction & Inspections (SDCI)*

LEVEL Beginning/Intermediate/Advanced

RECOMMENDED MATERIALS 2021 Washington Wildland-Urban Interface Code

This course will outline the updated WA Wildland-Urban Interface (WA-WUI) 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 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.



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2021 UPC AMENDMENTS, REVISIONS, AND NEW CODES

INSTRUCTORS Steven Hart, CBO - Seattle-King County Public Health
Dave Price - Seattle-King County Public Health

LEVEL Beginning/Intermediate/Advanced

REQUIRED MATERIALS 2021 UPC with WA State Amendments Inserted (Loose Leaf 3-Ring Binder Preferred By Instructors); Highlighter &/or Sticky Tabs

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- Building Officials
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- Contractors

- Designers
- Permit Technicians
- Other Professions: Plumbing Detailers

- Inspectors
- Architects

- Engineers
- Fire Marshals



CHECK WWW.WABO.ORG FOR UPDATES ON REGISTERING. SCHOLARSHIPS AVAILABLE FOR 1ST TIMERS!

REGISTER ONLINE AT WWW.WABO.ORG



TUESDAY - MARCH 26

ADVANCED OCCUPANCIES

INSTRUCTOR Steve Thomas - *Shums Coda*

LEVEL Intermediate

RECOMMENDED MATERIALS Washington Building Code

This class will be an advanced review of Chapters 3, 4 & 5 of the IBC. Mixed occupancies, unlimited area buildings, health care, and hazardous occupancies will be addressed. Unusual conditions and examples will be discussed to assist in conducting plan reviews and inspections on unusual projects.



- Building Officials
- Plans Examiners
- Contractors

- Designers
- Permit Technicians
- Other Professions:

- Inspectors
- Architects

- Engineers
- Fire Marshals

WEDNESDAY - MARCH 27

INNOVATIVE CONSTRUCTION TECHNIQUES

INSTRUCTOR Chris Jensen - *UL Solutions*

LEVEL Intermediate

REQUIRED MATERIALS N/A

A new generation of building construction techniques and products are being introduced into jurisdictions which create challenges for designers and code officials. This course will provide an overview of the following topics, describe actual installations, examine applicable standards, code requirements and proposals, and provide guidance on how they can be evaluated in actual installations.

- 3D printed building construction and UL 3401 (evaluation & approval process)
- Prefabricated building construction (What we're seeing, challenges being faced in the field, & an overview of the ICC 1200 series standards)
- Modular rooms (UL 962 requirements, installation considerations, & enforcement challenges)
- Sleep pods (UL 962 requirements, installation considerations, & enforcement challenges)

This is a very interactive session, and audience participation and ideas will be sought, particularly about modular rooms and sleep pods.



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- Plans Examiners
- Contractors

- Designers
- Permit Technicians
- Other Professions:

- Inspectors
- Architects

- Engineers
- Fire Marshals

REGISTER ONLINE AT WWW.WABO.ORG



2021 WASHINGTON STATE RESIDENTIAL ENERGY CODE WORKSHOP

INSTRUCTORS Jonathan Jones - *WSU Energy Program*
Rick Bluementhal - *WSU Energy Program*
Michael Lubliner - *Oak Ridge National Laboratories*

LEVEL Beginning/Intermediate

RECOMMENDED MATERIALS Washington State Energy Code Commercial Provisions CR103 * Available through the Washington State Building Code Council (<https://sbcc.wa.gov/2021-code-adoption-cycle>) *

Join us for a comprehensive full-day workshop designed to enhance your knowledge of building codes, energy efficiency, and cutting-edge tools in the construction industry. This workshop will feature distinct classes, each led by seasoned professionals in their respective fields.

Workshop Session 1: Washington State Energy Code – Residential Update and Education

Stay abreast of the latest developments in Washington State's energy codes. Join WSU's energy program as we cover the new 2021 Washington State Energy Code Residential (WSEC-R) proposed changes (CR103) that will be released in March of 2024. Our presentation will contain both beginner & intermediate level education/update on the WSEC-R.

Workshop Session 2: Washington State IRC and IMC for Residential Ventilation

Delve into the intricacies of the Washington State International Residential Code (IRC) and International Mechanical Code (IMC) as they pertain to residential ventilation systems. Jonathan will guide participants through the code requirements where the Washington: IRC/IMC and WSEC-R fresh air requirements meet.

Workshop Session 3: Continuous Insulation Strategies

Explore the importance of continuous insulation in building envelopes. Rick Bluementhal will cover various insulation materials, installation techniques, and code compliance considerations. Gain practical knowledge on achieving energy efficiency, thermal comfort, and moisture management through effective insulation practices.

Workshop Session 4: Oak Ridge National Labs' New Moisture Management Tool

Discover the latest advancement in moisture management with a focus on Oak Ridge National Labs' cutting-edge tool. Mike Lubliner will provide hands-on demonstrations and insights into how this tool can revolutionize moisture control strategies in existing and new construction projects. Learn to leverage technology for enhanced building durability and resilience.

By the end of this full-day workshop, participants will have gained valuable insights into the latest building codes, energy efficiency strategies, ventilation requirements, continuous insulation techniques, and state-of-the-art tools for moisture management. Don't miss this opportunity to stay at the forefront of the industry and elevate your expertise in building construction and design.



- Building Officials
- Plans Examiners
- Contractors

- Designers
- Permit Technicians
- Other Professions: Energy Consultants

- Inspectors
- Architects

- Engineers
- Fire Marshals

NEED A CODE BOOK?

VISIT OUR ONLINE BOOKSTORE

WWW.WABOBOOKSTORE.ORG

REGISTER ONLINE AT WWW.WABO.ORG



CBO TRAINING - TECHNICAL EXAMINATION REVIEW (DAY 1)

INSTRUCTOR Bill Clayton - *Shums Coda*

LEVEL Intermediate

RECOMMENDED MATERIALS 2021 Edition of IBC, IRC, IFC, IMC, IPC, & IECC; 2017 ICC/ANSI A117.1; 2018 Special Inspection Manual; 2020 NFPA 70

This is Day 1 of a 2-Day course: This course reviews the ICC references used for the ICC CBO Technical Examination. Subjects discussed will include architectural plan review, structural plan review, and building systems plan review, and field inspections portions of the examination. Students will be able to use this seminar to prepare for taking the examination.



- Building Officials
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- Other Professions:

- Inspectors
- Architects

- Engineers
- Fire Marshals

PROCTORED CERTIFICATION TESTING!

* BUILDING CODES AND STANDARDS MODULE - BC OFFERED AT THE CONCLUSION OF DAY 2 *



FUNDAMENTALS OF STRUCTURAL ENGINEERING FOR BUILDING OFFICIALS (DAY 1)

INSTRUCTOR Chris Kimball, SE, MCP, CBO - *West Coast Code Consultants*

LEVEL Intermediate/Advanced

RECOMMENDED MATERIALS 2021 IBC; ASCE 7-16

This is Day 1 of a 2-Day course: This seminar will focus on the structural requirements of the 2021 IBC, as adopted by the State of Washington, and its referenced standards. Day 1 will address both the gravity and lateral load paths as well as wood-framed construction requirements. The presentation will highlight specific IBC requirements in addition to ASCE 7, the NDS, SDWPS, and other referenced standards. Minimum submittal requirements will be addressed as well as common design and construction errors in relation to wood-framed construction.



- Building Officials
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- Inspectors
- Architects

- Engineers
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REGISTER ONLINE AT WWW.WABO.ORG



WEDNESDAY - MARCH 27

UNDERSTANDING THE COMPLEXITIES OF UL 300 FIRE SYSTEMS IN COMMERCIAL HOODS (DAY 1)

INSTRUCTORS Al Jongsma - *City of Burlington (Retired)*
Kelly Blaine - *City of Burlington*

LEVEL Intermediate

REQUIRED MATERIALS N/A

This is Day 1 of a 2-Day course: This course will look at new and existing Type One Commercial Rangehoods and UL 300 Fire and Suppression Systems. We will discuss in-depth what UL 300 is and how it relates to the International Building Code, International Fire Code, NFPA, and the listing requirements per the manufacturers. A look at plan review will be a large focus of this course and we will also start the conversation on confidence testing suppression and hoods. The importance of a thorough plan review when certifying these systems for compliance will be discussed and participants will better be able to complete a thorough plan review confidently.



- Building Officials
- Plans Examiners
- Contractors

- Designers
- Permit Technicians
- Other Professions:

- Inspectors
- Architects

- Engineers
- Fire Marshals

THURSDAY - MARCH 28

FUNDAMENTALS OF STRUCTURAL ENGINEERING FOR BUILDING OFFICIALS (DAY 2)

INSTRUCTOR Chris Kimball, SE, MCP, CBO - *West Coast Code Consultants*

LEVEL Intermediate/Advanced

RECOMMENDED MATERIALS 2021 IBC; ASCE 7-16

This is Day 2 of a 2-Day course: This seminar will focus on the structural requirements of the 2021 IBC, as adopted by the State of Washington, and its referenced standards. Day 2 will summarize a few key elements discussed during Day 1, and will then address concrete, masonry, and steel construction requirements. The presentation will highlight specific IBC requirements in addition to ASCE 7, ACI 318, TMS 402/602, AISC 360, AISC 341, AISC 358, and other referenced standards. Minimum submittal requirements will be discussed as well as common design and construction errors in relation to concrete, masonry, and steel construction.



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- Other Professions:

- Inspectors
- Architects

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REGISTER ONLINE AT WWW.WABO.ORG



CBO TRAINING - TECHNICAL EXAMINATION REVIEW (DAY 2)

INSTRUCTOR Bill Clayton - *Shums Coda*

LEVEL Intermediate

RECOMMENDED MATERIALS 2021 Edition of IBC, IRC, IFC, IMC, IPC, & IECC; 2017 ICC/ANSI A117.1; 2018 Special Inspection Manual; 2020 NFPA 70

This is Day 2 of a 2-Day course: This course reviews the ICC references used for the ICC CBO Technical Examination. Subjects discussed will include architectural plan review, structural plan review, building systems plan review, and field inspections portions of the examination. Students will be able to use this seminar to prepare for taking the examination.



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- Designers
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- Other Professions:

- Inspectors
- Architects

- Engineers
- Fire Marshals

PROCTORED CERTIFICATION TESTING! BUILDING CODES AND STANDARDS MODULE - BC

ICC proctored exam will be offered on-site March 28th, 2024 at 5:00 pm if WABO receives a minimum sign-up of at least 20 individuals.

WABO Annual Education Institute attendees will receive ICC Member pricing for the exam!

ICC will send a link for the exam application separately once minimum sign-up is met.

For exam details, see the WABO website.

LAST DAY TO REGISTER FOR EXAM MARCH 8, 2024!



INTERESTED IN A CAREER IN BUILDING CODE ADMINISTRATION? CODE OFFICIAL ACCREDITATION PROGRAM



SCAN CODE FOR MORE INFO!



REGISTER ONLINE AT WWW.WABO.ORG

WASAFE BUILDING SAFETY EVALUATIONS (ATC 20/45 PLUS)

INSTRUCTORS Jon Siu, PE, SE - *Jon Siu Consulting, LLC*
Tim Blevins - *Seattle Dept. of Construction & Inspections (SDCI)*
Benjamin Enfield - *Seattle Dept. of Construction & Inspections (SDCI)*

LEVEL Beginning/Intermediate

REQUIRED/RECOMMENDED MATERIALS ATC-20 Field Manual (minimum); ATC-45 Field Manual (optional) *Available through the 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 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 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. It can also substitute for the online renewal course 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. 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.



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- Architects

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OCT.
17-18
2024

BURST INTO ACTION AT THE...

WABO FALL MEETING

HELD AT THE HEATHMAN LODGE VANCOUVER!

CHECK WWW.WABO.ORG FOR UPDATES ON REGISTERING

SCHOLARSHIPS AVAILABLE FOR 1ST TIMERS!



REGISTER ONLINE AT WWW.WABO.ORG

WRITTEN COMMUNICATIONS

INSTRUCTOR Steve Thomas - *Shums Coda*

LEVEL Intermediate

RECOMMENDED MATERIALS Washington Building Code

This class will discuss some of the basic documents created by building departments and how to communicate with the public. Technical writing skills will be touched on as well as how to format different documents.



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

UNDERSTANDING THE COMPLEXITIES OF UL 300 FIRE SYSTEMS IN COMMERCIAL HOODS (DAY 2)

INSTRUCTORS Al Jongsma - *City of Burlington (Retired)*
Kelly Blaine - *City of Burlington*

LEVEL Intermediate

REQUIRED MATERIALS N/A

This is Day 2 of a 2-Day course: In this course we will finish talking about confidence testing suppression and hoods, take a look at existing inspections of UL 300 suppression and hoods, and discuss food trucks. We will also discuss the difference between a Type I and Type II hood and how to identify them during inspections. A hands-on segment of this course will allow you to experience working with different UL 300 systems. Upon completion of this course participants will walk away with the capability of certifying these systems.



- | | | | |
|--|---|--|---|
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| <input type="checkbox"/> Contractors | <input type="checkbox"/> Other Professions: | | |

FIRST COME, FIRST SERVE... ROOM BLOCK PARTNER HOTELS!

RATES?!

BEST WESTERN \$93 / NIGHT
 HOLIDAY INN EXPRESS \$117 / NIGHT
 HAMPTON INN & SUITES \$135 / NIGHT
 EMBASSY SUITES \$142 / NIGHT

DETAILS?!

CHECK WWW.WABO.ORG FOR INFORMATION ON BOOKING RESERVATIONS!

RESERVE EARLY TO GUARENTEE YOUR ROOM AND PRICE!

REGISTER ONLINE AT WWW.WABO.ORG

SCHEDULE AT A GLANCE...

MONDAY
3-25-24

TUESDAY
3-26-24

WEDNESDAY
3-27-24

THURSDAY
3-28-24

CBO TRAINING
LEGAL ASPECTS
OF CODE
ADMINISTRATION

CBO TRAINING
MANAGEMENT
EXAMINATION
REVIEW

CBO TRAINING
TECHNICAL
EXAMINATION
REVIEW (DAY 1)

CBO TRAINING
TECHNICAL
EXAMINATION
REVIEW (DAY 2)

*ICC EXAM/
LEGAL MODULE*

*ICC EXAM/
MANAGEMENT MODULE*

*ICC EXAM/
BUILDING CODES &
STANDARDS MODULE*

SIGNIFICANT
CHANGES TO THE
WASHINGTON STATE
AMENDMENTS

MULTIFAMILY
MASH-UP - WSEC
COMMERCIAL &
RESIDENTIAL
COMPARISON

FUNDAMENTALS OF
STRUCTURAL
ENGINEERING FOR
BUILDING
OFFICIALS (DAY 1)

FUNDAMENTALS OF
STRUCTURAL
ENGINEERING FOR
BUILDING
OFFICIALS (DAY 2)

HIGH-RISE
BUILDINGS

THE COMPLETE
INSPECTOR

INNOVATIVE
CONSTRUCTION
TECHNIQUES

WRITTEN
COMMUNICATIONS

2021 UPC
AMENDMENTS,
REVISIONS, AND
NEW CODES

2021 UPC
AMENDMENTS,
REVISIONS, AND
NEW CODES

2021 WASHINGTON
STATE RESIDENTIAL
ENERGY CODE
WORKSHOP

WASAFE BUILDING
SAFETY
EVALUATIONS
(ATC 20145 PLUS)

THE OFFICIAL FORUM
BUILDING OFFICIAL
AND FIRE CODE
OFFICIAL
COORDINATION

WASHINGTON
WILDLAND-URBAN
INTERFACE CODE

UNDERSTANDING THE
COMPLEXITIES OF UL
300 FIRE SYSTEMS IN
COMMERCIAL HOODS
(DAY 1)

UNDERSTANDING THE
COMPLEXITIES OF UL
300 FIRE SYSTEMS IN
COMMERCIAL HOODS
(DAY 2)

WHAT IS THIS
THING?

ADVANCED
OCCUPANCIES

WOW!



CLASSES ARE 8:30 AM - 4:30 PM!
ICC EXAMS START 5:00 PM!

REGISTER ONLINE AT WWW.WABO.ORG

FREQUENTLY ASKED QUESTIONS



IS LUNCH PROVIDED AT THIS EVENT?

YES!

LET WABO KNOW PRIOR TO THE EVENT IF YOU HAVE DIETARY RESTRICTIONS



CAN I KEEP MY LAPTOP CHARGING IN THE CLASSROOMS?

LIMITED ROOMS HAVE OUTLETS TO USE. MAJORITY OF CLASSES DO NOT HAVE THIS OPTION. CHARGING STATIONS ARE AVAILABLE IN THE HALLWAYS.

I'M SO GLAD I BROUGHT A POWER BANK FOR CLASS!



HOW LONG CAN I REGISTER WITH EARLY BIRD PRICES?

HMM.. IT LOOKS LIKE YOU HAVE THROUGH FEBRUARY 23, 2024



IS THERE COFFEE? WHEN'S THE COFFEE? WHERE'S THE COFFEE?



RELAX... COFFEE IS PROVIDED ON THE MAIN FLOOR FROM MORNING THROUGH LUNCH.

REGISTER ONLINE AT WWW.WABO.ORG

REGISTRATION FORM

CLASSES ARE 8:30 AM - 4:30 PM / ICC EXAMS START 5:00 PM



REGISTER EARLY!

EARLY REGISTRATION

MEMBER - \$140 DAILY
NON-MEMBER - \$200 DAILY
(ENDS FEBRUARY 23, 2024)

REGISTRATION

MEMBER - \$165 DAILY
NON-MEMBER - \$220 DAILY
(AFTER FEBRUARY 23, 2024)

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

PAYMENT METHOD : CHECK VISA MC JURISDICTION PURCHASE ORDER # : _____

CREDIT CARD # : _____ CVV : _____ EXP DATE : _____

NAME ON CARD : _____ BILLING ZIP : _____

SIGNATURE : _____

RETURN TO WABO, PO BOX 7310, OLYMPIA, WA 98507 OR EMAIL TO ADMIN@WABO.ORG

CHECK ONLY 1 CLASS PER DAY

REGISTRATION IN CORRESPONDING CLASS NOT REQUIRED TO SIGN UP FOR ICC EXAMS

MONDAY MARCH 25

- CBO TRAINING LEGAL ASPECTS OF CODE ADMINISTRATION
- SIGNIFICANT CHANGES TO THE WASHINGTON STATE AMENDMENTS
- HIGH-RISE BUILDINGS
- 2021 UPC AMENDMENTS, REVISIONS, AND NEW CODES
- THE OFFICIAL FORUM BUILDING OFFICIAL AND FIRE CODE OFFICIAL COORDINATION
- WHAT IS THIS THING?
- ICC EXAM LEGAL MODULE

TUESDAY MARCH 26

- CBO TRAINING MANAGEMENT EXAMINATION REVIEW
- MULTIFAMILY MASH-UP WSEC COMMERCIAL & RESIDENTIAL COMPARISON
- THE COMPLETE INSPECTOR
- 2021 UPC AMENDMENTS, REVISIONS, AND NEW CODES
- WASHINGTON WILDLAND URBAN INTERFACE CODE
- ADVANCED OCCUPANCIES
- ICC EXAM MANAGEMENT MODULE

WEDNESDAY MARCH 27

- CBO TRAINING TECHNICAL EXAMINATION REVIEW (DAY 1)
- FUNDAMENTALS OF STRUCTURAL ENGINEERING FOR BUILDING OFFICIALS (DAY 1)
- INNOVATIVE CONSTRUCTION TECHNIQUES
- 2021 WASHINGTON STATE RESIDENTIAL ENERGY CODE WORKSHOP
- UNDERSTANDING THE COMPLEXITIES OF UL 300 FIRE SYSTEMS IN COMMERCIAL HOODS (DAY 1)

THURSDAY MARCH 28

- CBO TRAINING TECHNICAL EXAMINATION REVIEW (DAY 2)
- FUNDAMENTALS OF STRUCTURAL ENGINEERING FOR BUILDING OFFICIALS (DAY 2)
- WRITTEN COMMUNICATIONS
- WASAFE BUILDING SAFETY EVALUATIONS (ATC 2014S PLUS)
- UNDERSTANDING THE COMPLEXITIES OF UL 300 FIRE SYSTEMS IN COMMERCIAL HOODS (DAY 2)
- ICC EXAM BUILDING CODES AND STANDARDS MODULE



WASHINGTON ASSOCIATION OF BUILDING OFFICIALS
PO BOX 7310
OLYMPIA, WA 98507
WWW.WABO.ORG

STANDARD
US POSTAGE
PAID
APEX MAILING
SERVICES, INC.



**SAVE THE
DATE**

**LYNNWOOD
EVENT
CENTER**

NEXT YEARS EVENT

MARCH 17-20, 2025