



2015 OBOA Spring Educational Institute

Monday, March 30 – Thursday, April 2

Hilton Eugene & Conference Center
Eugene, Oregon



IMPORTANT DEADLINES:

Discounted Registration:
Monday, March 2

Hotel Reservations:
Tuesday, March 10

**OBOA is proud to be
an ICC Preferred Provider!**



This elite network of education providers demonstrates their commitment to the building safety profession and the ICC Certification Program by offering high-quality programs.

We welcome and offer training to:

Architects • Design Professionals • Engineers

Contractors • Fire Personnel • Other Industry Partners

Register online at www.OregonBuildingOfficials.com!

2015 OBOA Spring Institute Schedule-at-a-Glance

Find the track you need by following the colors! Each of our four tracks are color-coded throughout this brochure to help you find just what you are looking for!

Fire & Life Safety	Leadership	Specialty Code	Special Interest
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All classes begin promptly at 8:30 am and end at 4:30 pm. Continental breakfast is available at 7:30 am and lunch is served from 12:00-1:00 pm. There will be two 30-minute breaks typically taken at 10:00 am and 2:30 pm. All meals and breaks are included for registered attendees.



Monday, March 30

Course #	Time	Topic	Instructor
1148	8:30 am – 4:30 pm	A1) Overview of NFPA 92, Standard for Smoke Control Systems	Gary Honold
616	8:30 am – 4:30 pm	A2) Modern Leadership & Management: A Contrast with the Old and the New	Tim Schneider
836	8:30 am – 4:30 pm	A3) Alternate Means & Methods and Modern Building Codes for Historic Buildings	Jack E. Applegate, CBO, FPE, CHI
837	8:30 am – 4:30 pm	A4) Residential Inspections: From Footings to Finals	Matthew Rozzell, CBO



Tuesday, March 31

Course #	Time	Topic	Instructor
838	8:30 am – 4:30 pm	B1) NFPA 13/13R/13D/14 Update 2013	John Corso
617	8:30 am – 4:30 pm	B2) Customer Service Excellence for Code Officials	Tim Schneider
839	8:30 am – 4:30 pm	B3) Electrical Safety Awareness and 1 & 2 Family Electrical Code Change	James Imlah
842	8:30 am – 4:30 pm	B4) Meyers-Briggs Type Indicator (MBTI)- What You Need to Know about Yourself	Matthew Rozzell, CBO
	5:30 – 6:30 pm	B5) Networking Reception	



Wednesday, April 1

Course #	Time	Topic	Instructor
1147	8:30 am – 4:30 pm	C1) 2012 IBC Means of Egress	Gregory Keith
1150	8:30 am – 4:30 pm	C2) I'm a Building Official; Now What?	Warren Jackson
846	8:30 am – 4:30 pm	C3) Structural Engineering Plan Review – Prescriptive Case Studies	Eric Schmidt, SE, CBO & Sean Blaire, PE, SE
847	8:30 am – 4:30 pm	C4) 2012 IMC Design Installation & Inspection Principles	Roger Rotundo



Thursday, April 2

Course #	Time	Topic	Instructor
848	8:30 am – 4:30 pm	D1) Overview of Fire Alarm Provisions, Based on the 2012 IBC, IFC and NFPA 72, 2013 Edition	Terrell Stripling
849	8:30 am – 4:30 pm	D2) Better Together: Building Codes Programs and the Design Community	Moderated by Scott Caufield, CBO
850	8:30 am – 4:30 pm	D3) Drainage, Waste, and Vent Sizing and Special Venting	Mike Ditty
851	8:30 am – 4:30 pm	D4) Continuity of Operation for a Building Department and a More Resilient Community	Steve McGuire

Upcoming OBOA Events

Save the dates and plan to attend!

April 24 2015 OBOA Spring Quarterly Business Meeting (QBM)
Note this is a date change!
 Corvallis, OR

July 23-24..... 2015 OBOA Annual Business Meeting (ABM)
 The Riverhouse – Bend, OR

October 26-29 2015 OBOA Fall Educational Institute
 Holiday Inn Portland South – Wilsonville, OR

MONDAY, MARCH 30

All classes run from 8:30 am to 4:30 pm and are eligible for 6 hours of Continuing Education / ICC 0.6 CEUs unless otherwise noted.

A1) Overview of NFPA 92, Standard for Smoke Control Systems

Gary Honold, NW Regional Director, National Fire Protection Association (NFPA)

This overview will highlight the provisions for design, installation, acceptance testing, operation, and ongoing periodic testing of smoke control systems. The standard addresses the following topics: Basic physics of smoke movement in indoor spaces, methods of smoke control, supporting data and technology, building equipment and controls applicable to smoke control systems, and approaches to testing and maintenance methods. Learning objectives include: Familiarize students with the minimum requirements set forth in NFPA 92, Standard for Smoke Control Systems. Students will learn the provisions set forth to regulate smoke control systems.

TRACK: FIRE & LIFE SAFETY

Target Audience: Authorities having jurisdiction of regulating the design, construction and acceptance testing of smoke control systems.



Mr. Honold's job responsibilities at the NFPA Field Office include working with AHJs (Authorities Having Jurisdiction) to research, adopt and implement over three hundred codes and standards developed by NFPA. He also assists his constituents with technical questions about the codes and standards by working with the NFPA Staff Liaisons on the technical committees for each document. Mr. Honold is a Certified Fire Protection Specialist with over ten years of code enforcement experience. He retired from the Missoula Fire Department (IAFF Local #271) after twenty-one years of service. During his tenure with the Missoula Fire Department, Mr. Honold held the positions of Fire Fighter, Fire Inspector, Assistant Fire Marshal, and Engine Company Captain. While serving as Assistant Fire Marshal he was an elected member on the executive board for the Montana State Fire Marshal's Association, and worked on the committee addressing the statewide adoption of the fire code. He has successfully completed multiple courses at the National Fire Academy's Fire Prevention Technical Curriculum.



APPROVED | Contact Hours: 6 | CEU: 0.60
Course #: 1148 | Type: In-Person

A2) Modern Leadership & Management: A Contrast with the Old and the New

Tim Schneider, President & Founder, Soaring Eagle Enterprises, Inc.

This program is designed to highlight the best practices for a modern and successful working environment. It's a great way to jump start leadership development and contrast the needed skills and competencies to be successful as a supervisor, manager, or executive. The program focuses on current trends in management and leadership that have proven successful in engaging team members, generating enthusiasm and building positive results and outcomes. We will review unchanging characteristics of leadership; these are the traits and skills of leaders that are not affected by current trends or norms but remain constant in a successful leader. The program also looks at poor leadership and management skills that will harm an organization's ability to be successful.

TRACK: LEADERSHIP



Mr. Schneider is an established and well-respected instructor at OBOA, EduCode and WABO. Over the past twenty years, he has become one of the most sought after trainers, coaches, speakers and professional facilitators in the nation. Renowned for both his style and content, Tim delivers powerful messages about leadership, customer service, team work, communication and personal success. Stylistically, he brings an unparalleled enthusiasm, passion and power to his speaking and teaching which always infects his audience. Equally obvious is his sense of humor and desire to make each session enjoyable and fun. Tim is an author and widely recognized expert in leadership development, executive coaching and healthy organizations. He holds a doctorate in Organizational Development, a masters degree in Business Administration from Arizona State University, and a cum laude bachelors degree in Finance from the University of Wyoming.



APPROVED | Contact Hours: 6 | CEU: 0.60
Course #: 616 | Type: In-Person

A3) Alternate Means & Methods and Modern Building Codes for Historic Buildings

Jack E. Applegate, CBO, FPE, CHI, Building Official, Jack Applegate Code Consulting / City of Astoria

This class will take a look into the requirements and methods for submitting plans and sufficient data for reviewing and approving alternate method requests. This class will also cover in detail all of the unique code provisions, methods and permitted code exceptions for historic buildings in Oregon. Details will be provided on other state and federal exemptions for historic buildings.

TRACK: SPECIALTY CODE



Jack Applegate is currently the Building Official for the City of Astoria, Oregon and owner of "Oregon Inspections LLC." He is also an adjunct Building Codes Instructor and Program Advisory Board member for the Clatsop Community College, Historic Preservation Degree program. His current volunteer work includes serving on the ICC, Building Codes Action Committee, the ICC Energy Code Exam Writing Committee, Chairman of the Clatsop County Recreational Lands Advisory Committee, and Vice President of the Oregon Home Builders Associations local chapter, North Coast Building Industry Association. He founded the online nonprofit educational group, "Oregon Coast Green Building News" in 2012 to promote educational tips, energy conservation, code changes and the merging of modern International Building Codes with alternate methods for Historic Buildings.



APPROVED | Contact Hours: 6 | CEU: 0.60
Course #: 836 | Type: In-Person

A4) Residential Inspections: From Footings to Final

Matthew Rozzell, CBO, Building Official & OBOA Education Committee Co-Chair, City of Happy Valley

This class will cover structural, mechanical and plumbing inspections for residential homes. The class will provide new inspectors or inspectors who need a refresher on what should be covered during a residential inspection through all phases of the project. Learning objectives include: Structural inspections and common issues; Plumbing inspections and common issues; Mechanical inspections and common issues; To be able to identify and solve common issues during the construction of a new home.

TRACK: SPECIAL INTEREST

Target Audience: New or cross trained inspectors



Mr. Rozzell has several residential and commercial certifications and has taught classes for the International Code Council, Oregon Building Officials Association, Oregon Mechanical Association and Oregon Permit Technicians Association. He is consistently recognized by his peers and students as an outstanding instructor: "Matt is clear and easy to follow. Good Speaker." "Excellent. Entertaining slides and videos. Appreciate his sense of humor."



APPROVED | Contact Hours: 6 | CEU: 0.60
Course #: 837 | Type: In-Person

B1) NFPA 13/13R/13D/14 Update 2013

John Corso, National Training Manager, National Fire Protection Association

TRACK: FIRE & LIFE SAFETY

This full-day seminar discusses the significant changes to the sprinkler standards. The seminar will go chapter-by-chapter and not just identify the new requirements, but discuss the reasons supporting them and the issues behind them as well as their potential impact. At the conclusion of this seminar, the participant will be able to: Identify the changes between the 2010 and 2013 Edition of NFPA 13; Identify the changes between the 2010 and 2013 Edition of NFPA 13D; Identify the changes between the 2010 and 2013 Edition of NFPA 13R; Identify the changes between the 2010 and 2013 Editions of NFPA 14; Describe the impact that these changes have on system design and installation.

Class Materials: Bring your 2013 Edition of the sprinkler standards, a notebook and a highlighter.



John Corso travels throughout North America and Europe teaching contractors, engineers, architects, building officials and fire service personnel and others who work with water based fire protection systems. Mr. Corso retired from the Louisville, KY Fire Department with 31 years of service, the last four as Chief of the Department. He is now responsible for assisting in developing, implementing, updating and delivering training programs to improve the understanding and comprehension of all Codes and Standards relating to water based fire protection systems. The many awards and recognition he has earned from local, national and international groups attest to his ability to convey relevant, complex and changing information with clarity (and humor). He has received a number of awards and recognitions from many groups and has also been named in a number of publications related to his leadership in those areas.

B2) Customer Service Excellence for Code Officials

Tim Schneider, President & Founder, Soaring Eagle Enterprises, Inc.

TRACK: LEADERSHIP

This class is designed to produce the supervisory, management, leadership, and organizational behaviors needed to transform service delivery into a bona fide service culture. We will introduce some communication skills to insure that each customer interaction is successful. Great customer service is about customer wants and expectations. It is about delivering those wants and expectations in a selfless and flawless execution. It is about warming interactions and making human connection with our customers. Building a service culture is important; recruiting service driven and service friendly team members, rewarding great customer service and the teaching and training of service elements will be covered in detail. This class also provides the tools to insure that supervisors, managers, and executives are reinforcing the needed service elements and to embed service as the paramount cultural element. The internal and external service relationship is also covered in depth, as is the importance of organizational mission and focus.

Target Audience: For anyone who manages a service driven environment or desires to improve the service delivered by team members, this class provides the competencies to bring service culture to life.



Mr. Schneider is an established and well-respected instructor at OBOA, EduCode and WABO. Over the past twenty years, he has become one of the most sought after trainers, coaches, speakers and professional facilitators in the nation. Renowned for both his style and content, Tim delivers powerful messages about leadership, customer service, team work, communication and personal success. Stylistically, he brings an unparalleled enthusiasm, passion and power to his speaking and teaching which always infects his audience. Equally obvious is his sense of humor and desire to make each session enjoyable and fun. Tim is an author and widely recognized expert in leadership development, executive coaching and healthy organizations. He holds a doctorate in Organizational Development, a masters degree in Business Administration from Arizona State University, and a cum laude bachelors degree in Finance from the University of Wyoming.

B3) Electrical Safety Awareness and 1 & 2 Family Electrical Code Change

James Imlah, Owner/Trainer, Imlah Electrical Consulting

TRACK: SPECIALTY CODE

This program reviews the hazards of electricity and personal safety and would be a precursor of ANFPA 70E course (Electrical Safety in the Work Place). Electrical Safety Awareness will provide attendees information about how electrical shock can affect the body, pictures of electrical incidents, and discussion of arc flash and arc blast. The 1 & 2 Family Electrical portion will address the significant changes to the 2014 National Electrical Code. This course will provide basic information for inspectors who perform electrical inspections. There will be discussion and copies handed out on the Oregon Electrical Specialty Code and an Electrical Code Summary Sheet developed by the presenter. Be aware some of the pictures in the course are very graphic. The intent is for the attendee to gain a higher awareness of possible electrical safety hazards.

Target Audience: The Electrical Safety Awareness is ideal for supervisors and all trade inspectors. The 1 & 2 Family Electrical Code Change course is designed for those certified inspectors or inspectors in training who have questions on what to look for to determine code compliance.



James Imlah (Jim) is a well-respected continuing education provider with a reputation for having a contagious passion of all things electrical. Mr. Imlah is a licensed electrician (since 1979); has been an NFPA Code Making Panel Member since 2003; on the International Association of Electrical Inspectors (IAEI) Northwestern Section Board of Directors since 1993; and retired from the City of Hillsboro as an Electrical Inspector for 19+ years. He has been an Educational Provider and Trainer for 20+ years.

B4) Meyers-Briggs Type Indicator (MBTI)- What You Need to Know about Yourself

Matthew Rozzell, CBO, Building Official, City of Happy Valley & OBOA Education Committee Co-Chair

TRACK: SPECIAL INTEREST

The MBTI is used in organizations around the world, including most of the top Fortune 100 companies. Participants will take the MBTI assessment to determine their personality type and help you to better understand yourself and your behaviors. The assessment will help participants to understand how they look at things, why and how they make decisions. The assessment will also provide insight as to how you prefer to communicate and how to best communicate with other personality types.

Learning objectives: Determine personality type through the assessment; Understand your personality type tendencies; How your type prefers to communicate and how to most effectively communicate with other personality types.

Class Materials: The MBTI assessment form will be provided and is included in the registration fee. Copies of the MBTI book will be referenced and available during class time (and can be purchased separately at www.myersbriggs.org if so desired-not required).



Mr. Rozzell has taught a variety of classes for the International Code Council, Oregon Building Official Association, Oregon Mechanical Officials Association, and the Oregon Permit Technicians Association. Rozzell is also a certified practitioner of the Myers-Briggs MBTI personality instruments. He is consistently recognized by his peers and students as an outstanding instructor: "Matt is clear and easy to follow. Good Speaker." "Excellent. Entertaining slides and videos. Appreciate his sense of humor."

5:30-6:30 pm — B5) Networking Reception – No Extra Fee!

Join colleagues and friends after a long day of learning! Take advantage of this time that is set aside to meet and/or reconnect with your peers from across Oregon and beyond. There will be a short Code Quiz with prizes awarded to those with the best "correct" answers. A quiz will be passed out to you as you enter. Also, we'll have a special gift for all who attend. Come on out and enjoy a fun time together. No-host bar and hors d'oeuvres will be available. All institute attendees are invited to attend this informal event and there is no additional fee. For planning purposes, please indicate on the registration form if you plan to attend.

WEDNESDAY, APRIL 1

All classes run from 8:30 am to 4:30 pm and are eligible for 6 hours of Continuing Education / ICC 0.6 CEUs unless otherwise noted.

C1) 2012 IBC Means of Egress

Gregory R. Keith, President, Professional heuristic Development

This class is an interactive workshop that will discuss the prescriptive construction requirements for various means of egress components intended to support a given means of egress design. One significant change in 2012 Chapter 10 provisions deals with stairways. The technical relationship between exit access stairways and interior exit stairways will be stressed. The class will also describe how to design a means of egress system based on Chapter 10 requirements. The performance based aspect of means of egress design that is intended to accommodate various building configurations will be emphasized. The "three-part" means of egress system provisions will be discussed in detail. The differences between capacity based and occupant tenability based design requirements will be explained. Comprehensive practical exercises will reinforce the "system" of proper means of egress design. Upon completion of the class, students will understand how various means of egress components support a given means of egress design and will be able to design or analyze a means of egress system that complies with all applicable means of egress design requirements.

TRACK: FIRE & LIFE SAFETY

Target Audience: Architects, Plans Examiners, Fire Marshals, Building Officials



Mr. Keith is president of Professional heuristic Development, a consulting firm specializing in the justification of alternate designs. He served on the ICC Code Technology Committee Study Group that developed progressive 2012 and 2015 means of egress provisions. He is an honorary member of the International Code Council.



APPROVED
Contact Hours: 6
CEU: 0.60
Course #: 1147
Type: In-Person

C2) I'm a Building Official; Now What?

Warren Jackson, Building & Planning Division Manager, Marion County

I'm a building official, now what? This class will uncover the Top 10 things every building official should know. It's not quite a crown, but it comes with a lot of responsibility. Understanding the codes, laws, regulations and where you fit in within the city or county you work will help you fulfill your duties as a building official. Due to multiple requests, this class is a repeat from the last institute, and even better! Some of the comments from participants include: "The updated handbook and this class are very important tools for BOs to have. Great conversations and so valuable hearing how others tackle building official issues - things you can't find in a code book or manual. Nice open roundtable discussions - it was good to be able to get info from others and share my experiences as well."

TRACK: LEADERSHIP



Mr. Jackson has been the building official for Marion County since 2003 and has been the planning director since 2013. Prior to this he held positions as an inspector and as a plans examiner. Warren is the current Chair of the OBOA Standards Committee and a Director at Large on the OBOA Board of Directors.



APPROVED
Contact Hours: 6
CEU: 0.60
Course #: 1150
Type: In-Person

C3) Structural Engineering Plan Review – Prescriptive Case Studies

Eric Schmidt, SE, CBO, Community Development Director, City of Gresham and Sean Blaire, PE, SE, Structural Engineer/Permit Center Supervisor, City of Gresham

TRACK: SPECIALTY CODE

This class will primarily focus on the practical application of the structural engineering provisions for the Oregon Structural Specialty Code from the perspective of a structural plans examiner. The class will cover the typical approach and methodology to engineering plan review, understanding engineering calculations, confirmation of load path, calculation of reactions, determination of proper gravity and lateral loading, understanding snow drifting, knowing limitations and the basics of special inspection/geotechnical requirements. Additionally, the class will include a few practical examples and case studies for applying the residential prescriptive standards.

Class Materials: Participants are required to bring a scientific calculator and a pad/pencil for working through class example problems.

Target Audience: Plan Reviewers/Inspectors



Schmidt currently serves as the Community Development Director and Building Official for the City of Gresham. He is the past Chair of the OBOA Special Inspection Board and currently serves as Secretary/Treasurer and Legislative Committee Co-Chair for OBOA. Schmidt is a licensed Structural and Civil Engineer and received his Bachelor of Science in Architectural Engineering from Cal-Poly, San Luis Obispo, CA.

Blaire is currently the Structural Engineer for the City of Gresham and the past Chair of the Special Inspection Board for OBOA. He is a licensed Structural and Civil Engineer and received his Bachelor of Science in Architectural Engineering from Cal-Poly, San Luis Obispo, CA. Both have taught numerous classes for COECO.



APPROVED
Contact Hours: 6
CEU: 0.60
Course #: 846
Type: In-Person

C4) 2012 IMC Design Installation & Inspection Principles

Roger Rotundo, ICC Instructor, International Code Council

TRACK: SPECIAL INTEREST

This seminar highlights key provisions of the 2012 International Mechanical Code* (IMC*) and provides practice in applying key requirements. It reinforces learning by supplying immediate feedback or clarification. It walks participants through the content outline of the code book, and describes key sections.

Upon completion, participants will be better able to:

1. Summarize the purpose and content of each chapter contained in the 2012 IMC.
2. Describe the intent and application of major sections of the 2012 IMC.
3. Explain the application of the 2012 IMC through inspection, plan review and enforcement.

Roger retired from the City of Phoenix after 21 years as a commercial plumbing & mechanical inspector, P & M supervisor and finally, the head of residential inspections. He has been active in code and standard development for 25 years. He currently serves on several UL STP's and on the ICC Evaluation Service Committee for Plumbing, Mechanical, Gas and Swimming/Spa Codes (ICC ES-PMG). In the past he served as chairman on the UIMC Code Committee and the Education Committee for IAPMO. He served on the ICC residential plumbing and mechanical code committee, the Green Code Development committee and was a member of the ICC PMG Membership Governing Council. Roger has taught code for decades and enjoys the give and take of training people using and applying the code in their jobs on a daily basis.



APPROVED
Contact Hours: 6
CEU: 0.60
Course #: 847
Type: In-Person

THURSDAY, APRIL 2

All classes run from 8:30 am to 4:30 pm and are eligible for 6 hours of Continuing Education / ICC 0.6 CEUs unless otherwise noted.

D1) Overview of Fire Alarm Provisions, Based on the 2012 IBC, IFC and NFPA 72, 2013 Edition

Terrell Stripling, ICC Instructor, International Code Council

TRACK: FIRE & LIFE SAFETY

This course provides an overview of the latest safety provisions related to fire alarm, detection, signaling and emergency communication demands. The building and fire code requirements based on occupancy classification for automatic and manual systems and other scoping provisions related to fire alarms will be presented. This will be followed by coverage of NFPA 72 installation, performance, inspection, testing, and maintenance of fire alarm systems and fire systems components. This will include the identification of alarm testing, maintenance of fire alarm systems and identification of fire alarm elements on building plans. Upon completion of this fire alarm seminar, participants will be better able to: Identify the requirements of IFC Section 907, Fire Alarm and Detection, signaling and emergency communication Systems; Explain the intent of Section 907, Fire Alarm and Detection Systems; Explain the importance of why fire alarm systems are required; Identify key requirements NFPA 72 related to installation, inspection, testing and maintenance of fire systems and components; Determine the provisions that have changed in NFPA 72 in the 2010 and 2013 editions.

Target Audience: Building Inspectors



Terrell Stripling is a seasoned instructor with 20 years of fire service experience and has also worked in the construction industry. He holds a B.S. degree from Oklahoma State University in Fire Protection and Safety Engineering Technology. His experience in fire prevention, code management, and the ability to effectively communicate a pro-active philosophy, is reflected in Terrell's passion for education. He utilizes the theory of the codes along with hands-on, practical application to achieve ICC's vision of "Protecting the health, safety, and welfare of people by creating better buildings and safer communities." At the community college level, he has served in the positions of Department Chair and adjunct professor in the Fire Science Department. Terrell was given the "ICC Educator of the Year" Award in 2009. He has been employed by ICC since June of 1999.



APPROVED
Contact Hours: 6
CEU: 0.60
Course #: 848
Type: In-Person

D2) Better Together: Building Codes Programs and the Design Community

Moderated by Scott Caufield, CBO, Building Codes Administrator, Clackamas County Building Codes Division

TRACK: LEADERSHIP

A moderated discussion with design professionals and industry representatives to discuss working cooperatively in our joint efforts toward building safety.

This class is a similar offering to the program at the last OBOA institute, due to the multiple requests by members to have this highly valuable topic presented again in a fascinating and engaging style, unlike a traditional classroom style lecture. Join moderator Scott Caufield, CBO, as he facilitates a roundtable discussion and open forum on working better together with design professionals. The panel will consist of representatives from the architectural, engineering, and geotechnical design communities, as well as code officials, fire officials, home designers and others. This forum will focus on how building departments can better communicate and work more effectively with those who design the very buildings we regulate in our own code administration programs. The panel will address a series of prepared questions but will also tackle questions and topics from those in attendance, all of which are aimed at improving communications, identifying best practices for coordination and relationship building, dealing with conflicts as they arise, exploring partnering opportunities for education, training, sharing of resources and more around our common goal of building safety.

The individual panelists in this forum will be representatives from these groups: Architects Engineers; Geotechnical Engineers; Code Officials; Fire Officials; Home Designers; among others.



Scott Caufield, CBO has been the Building Official at Clackamas County for more than 11 years and has more than 23 years' experience in the building codes field. Caufield served on the Oregon Residential Structures Board for nearly 10 years, and is the former President of the Oregon Building Officials Association (OBOA). Caufield also serves on OBOA's Education & Outreach Committees and is the current Chair of the Past President's Committee. Since 2002, Caufield has developed and taught many code-related classes for OBOA and on behalf of the State of Oregon Building Codes Division. In addition, Caufield teaches classes on energy conservation, structural design, and other topics at Portland Community College. Caufield authored the book Going Green with the IRC in 2010.



APPROVED
Contact Hours: 6
CEU: 0.60
Course #: 849
Type: In-Person

D3) Drainage, Waste, & Vent Sizing and Special Venting

Mike Ditty, Journeyman-Inspector-Apprentice-Trainee-Specialty Licensee, Plumbing & Mechanical Inspector, City of Hillsboro

TRACK: SPECIALTY CODE

"Waste" hours of your day with Mike Ditty and review DVW sizing requirements. The first portion of this class will cover cleanout sizing and placement, vent sizing, sewer cleanouts and sizing, venting for backwater valves and sewage ejectors. If you are cross-trained, this is a great opportunity to learn or review. There will be hands-on with drawing worksheets. The other half of the class will be focused on special venting. Plumbing systems need to breathe, but don't breathe the plumbing system! This class will cover the basic theory of venting a plumbing system - why, how and where. We will discuss and survey code and installation requirements for Air Admittance Valves, Vertical Wet Vents, and Horizontal Wet Vents. We will use worksheets and diagrams.

Target Audience: Residential and Commercial Plumbing Inspectors. This class is a good review for cross-trained plumbing inspectors. Attendees will learn how to recognize code compliance when inspecting or installing DMV cleanouts, sizing waste and vent plumbing systems, and sewage ejectors.

Class Materials: Bring your 2014 OPSC.



Mike Ditty is a Plumbing and Mechanical Inspector for the City of Hillsboro where he has worked for 20 years. He works as the lead instructor for the Area 1 JATC Plumbing Apprenticeship program at Clackamas Community College and teaches the Advance Plumbing Code classes. Thirty years in the plumbing trade as Journeyman, Estimator/ Project Manager, and Inspector has helped him develop a broad understanding of all phases of plumbing from residential to industrial. Mike is past chairman of the Cascade Chapter of IAPMO with many years of service in the local chapter. Mike also has presented thousands of continuing education hours and seminars to inspectors, journeymen, apprentices, limited sewer inspectors and home inspectors. Presenting plumbing classes in a "fun and education" way is his goal.



APPROVED
Contact Hours: 6
CEU: 0.60
Course #: 850
Type: In-Person

D4) Continuity of Operation for a Building Department & a More Resilient Community

Steve McGuire, Code Analyst, City of Eugene

TRACK: SPECIAL INTEREST

This class is a full day presentation combining ATC20 procedures (Post-Earthquake Assessment of Structures) and Continuity of Operation from the perspective of a Building Department. We will discuss natural hazards, risks and vulnerabilities, essential functions and essential services provided by building departments, and how a Continuity Plan contributes to a more resilient community. The presentation and exercises will provide a foundation for a building department to start a Continuity of Operation Plan or simply be better prepared.

Target Audience: This class is appropriate for building officials, damage assessment staff, fire marshals, inspectors and plan reviewers, building department administrators, architects, and engineers.



Steve McGuire graduated in 1976 from the University of Oregon with a Bachelor's of Architecture degree. From 1978 through 1990, Steve managed a design department for Oregon Dome, Inc. providing construction design service throughout the United States, applying various building codes for buildings that incorporated several types of construction. In 1990 Steve became employed by the City of Eugene as a plans examiner. Steve was the Plan Review Supervisor for the City of Eugene Building Permit Services for ten years and is on the City of Eugene Disaster Operations Task Team for eight years. Steve has been teaching ATC-20 post earthquake posting of buildings since 2003. Steve is an approved Safety Assessment Program (SAP) instructor through California Emergency management.



APPROVED
Contact Hours: 6
CEU: 0.60
Course #: 851
Type: In-Person

Important Institute Information

The OBOA Spring Educational Institute and Vendor Fair is presented annually by the Oregon Building Officials Association (OBOA) in Eugene, Oregon. The high-quality Continuing Education (CE) curriculum offers an intensive four-day program of pertinent, up-to-date training in numerous areas of specialty for all building safety professionals. We welcome and offer training opportunities to:

- Building Officials
- Plans Examiners
- Field Inspectors in Structural, Mechanical, Electrical & Plumbing
- Fire Prevention Personnel Industry Code Users & License Holders
- Architects (see details below)
- Building Designers
- Builders
- Contractors
- Remodelers
- Any other professional in the building safety environment

We have designed our classes to meet your specific educational needs through four dedicated tracks: Fire & Life Safety, Leadership, Specialty Code, and Special Interest. One class for each track will be offered each day. We hope this helps in your scheduling and staffing calendars.

Important Information Regarding Continuing Education Credit (CEUs):

An ICC CEU is a continuing education unit; each 10 clock hours of continuing education equals 1 CEU. Our typical one-day seminar has 6 hours of instruction, or 0.6 CEUs. Credit is awarded for a variety of activities wherein the objective is achieving relevant professional knowledge beyond that required for initial certification. Participation in all OBOA courses are approved for International Code Council (ICC) certification renewal continuing education credits as noted for each class. Please check with your appropriate jurisdiction and/or institution regarding your specific continuing education credit needs.



NEW & EXCITING! OBOA is also an approved International Code Council (ICC) Preferred Provider! The recently launched Preferred Provider Program recognizes and promotes ICC-approved educational offerings as they relate to codes, standards and guidelines, as well as building construction materials, products and methods. ICC certificate holders may obtain ICC CEUs from Preferred Providers that can be applied toward

the renewal requirements of ICC's certification program. It is the intent of OBOA that all classes offered at institutes will be approved for the Preferred Provider Program.

Attention Oregon Architects!

It is important for OBOA to offer high-quality education to aligned industries and partners, so many of our classes can be taken for license renewal through the Oregon Board of Architect Examiners for Continuing Education Hours (CEHs). To be eligible for CEH credit, each course must meet the applicable parameters referenced in OAR 806-010-0145 Continuing Education. It is the responsibility of each individual to ensure the course meets these criteria for license requirements. Certificates of Attendance will be distributed to class participants for ease in individual submission and record keeping of continuing education requirements. For more information, please visit the state's website at orbae.com.

Paper Lite! Details on Handouts

OBOA is increasingly aware that every piece of printed paper has an impact on our event's carbon footprint. In an effort to minimize paper waste and reduce meeting costs, session handouts will NOT be printed for attendees. Instead, they will be provided to each attendee electronically in advance of the institute (week prior).

HERE IS HOW IT WORKS: For each session you register for, you will receive an email with a link. This link will contain the handout for that class. You can either print and bring the handout material; or you can access it online during the class (if you are bringing a laptop). OBOA has secured wifi in all meeting spaces for your convenience. To maintain the integrity of the class, please do not share this link with anyone else. It will be provided to registered attendees only. To ensure that you receive the course materials, you must provide an email address on the registration form.

If you wish to have printed materials provided on-site, attendees may pre-order a set of printed handouts for an additional fee of \$10 per class. If you wish to pre-order your session handouts, please see the registration form to order. Please note this is a change from past institutes.

Schedule

The Institute registration desk opens at 7:30 am each day and a continental breakfast with coffee will be provided. Class sessions start at 8:30 am. Consult the schedule for specific session end times. There will be two breaks, typically taken at 10:00 am and 2:30 pm and lunch is from 12:00-1:00 pm. Registration fees include breaks and lunch for the day(s) you are registered.

Lodging

A discounted room rate has been secured at the host hotel, Hilton Eugene, located at 66 East 6th Avenue – Eugene, OR 97401. Single rates are \$109 per night (not including applicable state and local taxes). Each attendee is responsible for their own lodging arrangements. To make a reservation, please call the hotel directly at 1.800.937.6660 and ask for the Oregon Building Officials Association (OBOA) special room block group rate. Please speak with the reservation agent at the time of booking for cancellation and other hotel policies and procedures.

Deadline for room reservations: Tuesday, March 10, 2015

Reservations made after this date are subject to space and rate availability.

Reserve ONLINE
at
bit.ly/1HVwa8h

Code Books/Materials, Certificates, & Roster of Attendance

Each attendee is responsible for bringing the appropriate code books and materials to each class. Some classes may require an additional fee when a book will be provided. See session descriptions for specifics on each class requirement/suggestion. Attendees must sign an attendance roster for each class they attend to receive Certificates of Attendance. **It will be required for students to sign in and sign out of each class.** It is the responsibility of each attendee to sign in and out as appropriate and pick up the appropriate certificate for their own record keeping/submission.

Cell Phones & Other Electronic Devices

Out of respect for the instructor and other attendees, please turn off or set your phones and devices to silent/vibrating for the duration of each class.

Registration Confirmation

A confirmation letter will be emailed to you immediately upon online registration. For those who fax/mail a registration form, you will receive a confirmation email upon processing in the OBOA office (approximately one week from receipt in the office). It is very important to ensure we have an accurate email address with every registration. No mailed confirmation will be sent. If you have any questions, please contact the OBOA office at 503.691.6262 or email info@oregonbuildingofficials.com.

Parking

Complimentary self-parking is available to all institute participants on a space and size available basis in the hotel garage.

Vendor Fair

We have the support of some of the industry's leading-edge professionals. They will display their latest products and services throughout our institute. Please take a moment to stop and thank our exhibitors while you are attending the institute. We will offer a prize drawing to those attendees who visit with the exhibitors; details to be provided at registration on-site. Don't miss out!

Cancellation Policy

Cancellations received on or before Friday, March 13 will receive their total registration fees minus a \$50 administrative processing fee. Cancellations received after March 13 and before March 23 will receive a 50% refund of their total fees. Cancellations received after March 23 are not eligible for refunds. No-shows and same-day cancellations will not be refunded any registration fees. There is no reduction in fees for partial attendance. All fees are considered payable upon receipt of registration. Substitutions (individuals from the same jurisdiction) can be made if necessary. Please advise the OBOA office if you will be sending someone in another's place. Sorry, no exceptions.

Questions?

Call Alisha Wilson or Vicky Danielson in the OBOA office at 503.691.6262 or email info@oregonbuildingofficials.com.

Register online at www.oregonbuildingofficials.com or fax enclosed form to 503.253.9172



Oregon Building Officials Association

147 SE 102nd Avenue
Portland, Oregon 97216
503.691.6262

Fax 503.253.9172
info@oregonbuildingofficials.com
www.oregonbuildingofficials.com

Oregon Building Officials Association 2015 Spring Educational Institute Registration Form

Please complete the following form in its entirety for each attendee. Send completed forms with payment to the OBOA office OR REGISTER ONLINE at www.oregonbuildingofficials.com.

Full Name & Designations: _____ Position Title: _____

Jurisdiction/Company: _____

Mailing Address: _____

City: _____ State: _____ Zip: _____

Business/ Daytime Phone: _____ Fax: _____

Email*: _____ Website: _____

**To receive a confirmation and course materials, you must provide an email address.*

License, Member and/or Certification Number(s) - List All Current & Complete Information (as it should be on file with OBOA):

AIA _____ BCD _____ ICC _____ Others _____

Special Needs - if you have any special requirements (such as dietary restrictions, handicap access, etc.) please indicate here so we can plan accordingly: _____

1 Select the course(s) you are registering for. See below for course fee(s).

Monday, March 30 8:30 am - 4:30 pm	Tuesday, March 31 8:30 am - 4:30 pm	Wednesday, April 1 8:30 am - 4:30 pm	Thursday, April 2 8:30 am - 4:30 pm
<input type="checkbox"/> A1) Overview of NFPA 92, Standard for Smoke Control Systems <input type="checkbox"/> A2) Modern Leadership & Management: A Contrast with the Old and the New <input type="checkbox"/> A3) Alternate Means & Methods and Modern Building Codes for Historic Buildings <input type="checkbox"/> A4) Residential Inspections: From Footings to Final	<input type="checkbox"/> B1) NFPA 13/13R/13D/14 Update 2013 <input type="checkbox"/> B2) Customer Service Excellence for Code Officials <input type="checkbox"/> B3) Electrical Safety Awareness and 1 & 2 Family Electrical Code Change <input type="checkbox"/> B4) Meyers-Briggs Type Indicator (MBTI)-What You Need to Know about Yourself <input type="checkbox"/> B5) Networking Reception – No Extra Fee!	<input type="checkbox"/> C1) 2012 IBC Means of Egress <input type="checkbox"/> C2) I'm a Building Official; Now What? <input type="checkbox"/> C3) Structural Engineering Plan Review – Prescriptive Case Studies <input type="checkbox"/> C4) 2012 IMC Design Installation & Inspection Principles	<input type="checkbox"/> D1) Overview of Fire Alarm Provisions, Based on the 2012 IBC, IFC and NFPA 72, 2013 Edition <input type="checkbox"/> D2) Better Together: Building Codes Programs and the Design Community <input type="checkbox"/> D3) Drainage, Waste, & Vent Sizing and Special Venting <input type="checkbox"/> D4) Continuity of Operation for a Building Department & A More Resilient Community

2 Registration Options – Save Money – Register Early

Please check one box below. Registration fees are per class/day and include: class instruction and electronic handout material (as provided by each instructor), continental breakfast, breaks, and lunch. Codes and other reference books are not provided unless otherwise noted. Verify each class description for required or suggested supplies.

Discounted/Early Registration

On or Before March 2

Late or On-Site Registration

After March 2

OBOA Member* \$225 \$275 x # of days _____ = \$ _____

Non-Member* \$275 \$325 x # of days _____ = \$ _____

**If you are Laid Off Staff or a Student, we offer a \$100 discount on your registration for each class/day (ex: 1 class=deduct \$100 / 2 classes=deduct \$200, etc.).*

To qualify for the discount, please list the jurisdiction last worked for or name of educational institution here:

Subtract Laid off Staff or Student Discount From Above Total: # of days _____ x \$100 = \$ _____

2 Registration Fees Total \$ _____

3 (Optional) Printed Handouts

Printed handouts are NOT included in registration fee. If you would like to pre-order printed handout(s) for your session(s), please purchase here: [Please note handouts are available electronically at no additional charge one week prior to the institute. \(See Important Information page for details.\)](#)

For which classes (A1, B1 etc.): _____

3 # of printed handouts: _____ @ \$10 per class = \$ _____

2 + 3 = Total Due \$ _____

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Payment Options

Check, Payable to OBOA Credit Card (Mastercard, Visa, Discover, or American Express)*

**For security reasons, credit card payments are NOT accepted via email. Fax forms to 503.253.9172.*

Card # _____ Exp. Date _____ Amount \$ _____

Name on Card _____ Signature _____

Card Billing Address _____

City _____ State _____ Zip _____

Return Completed Form to OBOA - 147 SE 102nd Avenue • Portland, Oregon 97216 • Fax 503.253.9172

You can also register online at www.oregonbuildingofficials.com • Questions? Call 503.691.6262

Keep a copy of this information for your records.