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Codes Division
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Design professionals and
contractors welcome.

AIA Continuing Education Credits

**OREGON BUILDING
OFFICIALS ASSOCIATION**

Spring Educational Institute

**The Eugene Hilton
Eugene, OR**

MARCH 17 - 21, 2008

OBOA SPRING EDUCATIONAL INSTITUTE & PRODUCT SHOW

The Spring Educational Institute and Product Show is presented each year by the Oregon Building Officials Association (OBOA) in conjunction with the Code Officials Education Consortium of Oregon. The curriculum offers an intensive five-day program of up-to-date training in numerous areas of specialty and satisfies Oregon's Continuing Education requirements for:

- Plans Examiners • Field Inspectors in Structural, Mechanical, Electrical & Plumbing Specialties •
- Building Officials • Fire Prevention Personnel •
- Industry Code Users • License Holders • Architects •
- Building Designers • Builders • Contractors •

The Code Officials Educational Consortium of Oregon (COECO) is comprised of code specialty organizations that provide continuing education. These members include OBOA, Oregon Mechanical Officials Association (OMOA), Cascade Chapter of International Association of Plumbing & Mechanical Officials (IAPMO), Oregon Chapter of International Association of Electrical Inspectors (IAEI), the City of Portland Bureau of Development Services, and the Central Oregon, Chemeketa and Southern Oregon Chapters of ICC.

Please note the following in determining continuing education credits. Courses labeled:

- "Recommended CR" are code-related credits that may be approved by the building official.
- "Approved CR" means the course is approved for 'A' level electrical and/or plumbing code-related purposes.
- "Approved CC" designates courses that have been approved by BCD for code change.
- All courses are approved for ICC and AIA continuing education credits.

Professional Education and Training Tracks: OBOA's Education Committee has identified various classes and courses that relate to the skills and knowledge required of the different professional tracks associated with code administration and enforcement. Those tracks include: Code Administration, Permit Technician, Design Review, and Construction Inspection. An additional category entitled Special Interest Group has been established to provide classes and courses that are of current interest to code professionals and customer groups such as building designers and contractors. The classes are further designated as fundamental, intermediate, advanced and specialized in an effort to provide an assessment of the level of training offered.

COURSE SCHEDULE & DESCRIPTIONS

MONDAY, MARCH 17, 2008

8:30 am – 5:00 pm

A1

2008 Oregon Electrical Specialty Code Changes

Track: Special Interest • Level: Specialized

Fred Simmons, Fred Simmons Educational Services, OR

This class will cover the changes in the 2008 Oregon Electrical Specialty Code which goes into effect on April 1, 2008. The class focuses on the 2008 NEC model code and the Oregon Amendments. Included in the class are the electrical provisions from the 2008 ORSC which are referenced in the 2008 OESC. The course will provide eight hours of code change credit for Oregon A-Level license holders for the current cycle as well as 1 & 2 Family Dwelling Code Electrical inspectors. Simmons is a BCD-approved instructor and provides continuing education electrical code classes. He has taught education classes for COECO and electricians since 1986 and currently teaches apprenticeship classes. Simmons worked as an electrical inspector for the State of Oregon from 1985 to 1996 and Washington County from 1996 until retirement in May of 2003. The 2008 NEC Code Book is required for the class. Approved CC 8 hrs., EI, CAE, A-Level Electrical License Holders; ICC 0.8 CEU; AIA 8 HSW.

8:30 am – 4:30 pm

A2

Prescriptive Bracing

Track: Design Review • Level: Fundamental

Eric Schmidt, S.E., Development Services Director/Building Official, City of Gresham, and Sean Blaire, S.E., City of Gresham

This class will focus on the residential prescriptive lateral bracing requirements, specifically the updates from the 2008 State of Oregon Residential Specialty Code. Included within the class will be discussion and reference to State interpretation rulings 97-1 (Revised). Concentrated time will be spent on explaining the two different approaches: Segmental vs. Continuously Sheathed. This is an updated version of the class Schmidt and Blaire have taught across the State over the past several years. As there will be working examples in class, attendees will need to bring a scale ruler, calculator and the 2008 Oregon Residential Specialty Code. Enrollment is limited to 35 attendees. Blaire is currently the Structural Engineer for the City of Gresham and the past Chair of the Special Inspection Board for OBOA. Schmidt is currently the Development Services Director and serves as Building Official for the City of Gresham, OR. Both are licensed Structural and Civil Engineers and received their Bachelor of Science in Architectural Engineering from Cal-Poly, San Luis Obispo, CA. Schmidt and Blaire have taught numerous classes for COECO. Credit: Recommended CR 6 hrs., SI, PE, FLS, CAX, CAS; ICC 0.6 CEU; AIA 6 HSW.

8:30 am – Noon

A3

2007 Oregon Mechanical Specialty Code Changes

This is the last chance to take the code change class this code cycle.

Track: Special Interest • Level: Specialized

Guy Sperb, Building Official, City of Oregon City, OR

This course will review the 2007 Oregon Mechanical Specialty Code which went into effect April 1, 2007. The class will focus on the code changes in the 2006 IMC and the Oregon Amendments. The class will also cover changes to the International Fuel Gas Code that has been adopted as Appendix "C" in the 2007 OMSC. The Building Official of the City of Oregon City, Guy Sperb has been an instructor for numerous Educational Institutes. Sperb is a past president of both OBOA and OMOA, a current member of the ICC Mechanical and Plumbing Code Council, the ICC Nomination Committee and the Vice-Chair of the State of Oregon Mechanical Board. He also chairs OBOA's Outreach Task Force. Participants should bring the 2007 Oregon Mechanical Specialty Code. Credit: Approved CC 3 hrs., MI; ICC 0.3 CEU; AIA 3 HSW.

1:00 – 4:30 pm

A4

Virtually in the Test Lab

Track: Special Interest • Level: Fundamental

Bob Eugene, Senior Staff Engineer, Underwriters Laboratories, Inc.

There is a long-standing relationship between construction codes and standards that address design, installation, testing and materials related to building construction. The course looks at several test standards referenced by the International Codes and lets you see the tests as if you were in the lab

itself. It provides a more thorough understanding of several referenced materials. Eugene joined Underwriters Laboratories Inc. in 1999 and currently works as Senior Staff Engineer. Prior to that, Eugene spent 22 years in the City of Spokane Building Department, with the last nine as the Building Official. He has served on many ICBO committees including the Fire & Life Safety, Means of Egress Review and Occupancies Review committees. He also served on the ICC Fire Safety Committee and has made numerous educational presentations. Credit: Recommended CR 3 hrs., All Building Department Personnel; ICC 0.3 CEU; AIA 3 HSW.

TUESDAY, MARCH 18, 2008

8:30 am – 4:30 pm

B1 2007 Oregon Structural Specialty Code Changes

This is the last chance to take the code change class this code cycle.

Track: Special Interest • Level: Specialized

Stephen Winstead, President, Winstead & Associates

This course will review the 2007 Oregon Structural Specialty Code which went into effect April 1, 2007. The class will focus on the code changes in the 2006 IBC and the Oregon Amendments. Winstead, a licensed architect in the State of Oregon, has taught numerous code change and code related classes for COECO members and Portland Community College. Prior to establishing his own third party and building design firm, he was branch manager for CMA and senior plans examiner for the City of Beaverton. Winstead also served as the Chair of Portland Community College's Building Inspection Technology program. Students should bring the 2007 Oregon Structural Specialty Code. Credit: Approved CC 6 hrs., PE, SI, FLS; ICC 0.6 CEU; AIA 6 HSW.

B2 NFPA 72 – 2002 National Fire Alarm Code

Track: Special Interest • Level: Intermediate

Michael B. Baker, Training Director, Automatic Fire Alarm Association

This seminar provides training on the requirements for proper design, installation, testing and maintenance of fire alarm systems. It provides an in-depth review of the requirements of NFPA 72, National Fire Alarm Code and the fire alarm wiring requirements of NFPA 70, National Electrical Code. The attendee should have a minimum of two years field experience to obtain maximum benefits of this course. Baker has served as the Training Director of the Automatic Fire Alarm Association for the past six years. In addition to being an electrician, he has been a part-time instructor at Clackamas Community College's apprenticeship training program. He has been in the industry since 1978 and has published several handbooks. Students should bring a copy of the 2002 Edition of the NFPA 72 and a work calculator. Credit: Recommended CR 6 hrs., PE, FLS, SI, MI; ICC 0.6 CEU; AIA 6 HSW.

B3 ATC 20 Procedures for Post Earthquake Safety Evaluation of Buildings

Track: Special Interest • Level: Specialized

Steve McGuire, Plan Review Supervisor, City of Eugene, and Bill Lemons, Plans Examiner, City of Eugene

Attendees will gain a better understanding of: earthquake hazards in Oregon, the legal authority and liabilities of evaluation of buildings, the Incident Command System (NIMS ICS) and how damage assessment fits in the systems, the ATC 20 Posting systems and how to do those evaluations in an emergency situation. McGuire graduated in 1976 from the University of Oregon with a Bachelors of Architecture degree. From 1978 through 1990, McGuire 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, McGuire became employed by the City of Eugene as a plans examiner. Currently, McGuire is the Plan Review Supervisor for the City of Eugene Building Permit Services and is a BCD-approved ATC-20 instructor. Lemons holds a Bachelor of Architecture from the University of Oregon, was a practicing Architect for 17 years, and has worked for the City of Eugene as a residential and commercial plans examiner for the past 10 years. An ATC instructor at previous Institutes, Lemons is a BCD-approved ATC-20 instructor. This class is limited to the first 30 students. The registration fees include the ATC 20 Procedures for Post Earthquake

Safety Evaluation of Buildings book. Completion of this course qualifies individuals to be registered with the State as a damage inspector. Credit: Recommended CR 6 hrs., PE, SI, CAX, CAS, FLS; ICC 0.6 CEU; AIA 6 HSW.

WEDNESDAY, MARCH 19, 2008

8:30 am – 4:30 pm

C1 A Practical Approach to Chapter 11

Track: Special Interest • Level: Specialized

Stephen Winstead, President, Winstead & Associates, and Lori Graham, Code Development Specialist, City of Portland Bureau of Development Services

This course is a practical and engaging approach to comprehending the code requirements as given in the OSSC for Chapter 11 and the State Interpretations and how they apply accessibility to Oregon construction. Plans examiners, building inspectors, architects, designers and contractors will gain an in-depth understanding of Sections 1103, 1104 and 1106 - 1110 of the 2007 OSSC and applicable statewide interpretations, specific requirements for exterior accessibility requirements as well as a working knowledge of the general design concept and construction standards as they pertain to accessibility. Winstead, a licensed architect in the State of Oregon, has taught numerous code change and code related classes for COECO members and Portland Community College. Prior to establishing his own third party and building design firm, he was branch manager for CMA and senior plans examiner for the City of Beaverton. Winstead also served as the Chair of Portland Community College's Building Inspection Technology program. Graham has been in the business of code interpretation and development for over 15 years. In that time she has been responsible for finalizing the first Americans with Disabilities Act (ADA) certified building code in the nation and participating in the American's with Disabilities Act Accessibility Guidelines (ADAAG) re-write. In addition, she has also conducted training and individual classes on accessible building codes and their interface with both the Federal ADA and Federal Fair Housing Act (FFHA) for numerous organizations including OBOA. Currently, she serves as the City of Portland code development specialist with her continued focus on accessibility issues. Students should bring the 2007 Oregon Structural Specialty Code. Credit: Approved CR 6 hrs., PE, SI, FLS; ICC 0.6 CEU; AIA 6 HSW.

C2 2006 IBC Hazardous Materials

Track: Design Review • Level: Specialized

Ben Green, Fire Marshal, City of Englewood, Colorado

This class examines the application of code requirements in the 2006 IBC (specifically Chapters 3 and 4) and the 2006 IFC to determine compliance for the storage, display, handling and dispensing of hazardous materials. The IBC requirements that are driven by the Group H occupancy classifications assigned to the building will be outlined and the IFC requirements that are driven by specific materials stored or used will be discussed. The instructor will address certain controls applicable to any materials deemed hazardous. The class will cover the design of any building utilizing hazardous materials requiring coordination between the building and fire codes. The building or structure that might contain hazardous materials, regardless of quantity, and its compliance with all applicable provisions of both codes will be discussed. Green, the Fire Marshal for the City of Englewood, Colorado, is responsible for the management of fire inspections performed by his staff and line personnel. He reviews plans for life and fire safety on new construction, remodels, etc. Ben has advanced the computer technology for Englewood fire and rescue units so that all units have computers with up-to-date information and field reporting capability. He serves on several nationally known code committees and is a part of the ICC Code Review Committee for the Fire Marshal's Association of Colorado. He has been in the fire service for 25 years, serving as a fire/medic, EMS Coordinator and, for the last 10 years, as Fire Marshal. Green has taught numerous classes on all aspects of the fire code. Credit: Recommended CR 6 hrs., PE, SI, FLS; ICC 0.6 CEU; AIA 6 HSW.

PROFESSIONAL EDUCATION & TRAINING TRACKS AT A GLANCE

Professional Education and Training Tracks: OBOA's Education Committee has identified various classes and courses that relate to the skills and knowledge required of the different professional tracks associated with code administration and enforcement. Those tracks include: Code Administration, Permit Technician, Design Review, and Construction Inspection. An additional category entitled Special Interest Group has been established to provide classes and courses that are of current interest to code professionals and customer groups such as building designers and contractors. The classes are further designated as fundamental, advanced and specialized in an effort to provide an assessment of the level of training offered.

Code Administration

Specialized

C4) Public Outreach: Changing Public Perception

C5) Project and Process Management

Design Review

Fundamental

A2) Prescriptive Bracing

Specialized

C2) 2006 IBC Hazardous Materials

Special Interest

Fundamental

A4) Virtually in the Test Lab

Intermediate

B2) NFPA 72 – 2002 National Fire Alarm Code

Specialized

A1) 2008 Oregon Electrical Specialty Code Changes

A3) 2007 Oregon Mechanical Specialty Code Changes

B1) 2007 Oregon Structural Specialty Code Changes

B3) ATC 20 Procedures for Post Earthquake Safety Evaluation of Buildings

C1) A Practical Approach to Chapter 11

C3) Oregon Inspector Certification Training

D1) Multi-Family Residential and Special Residential Occupancies

D2) and E3) 2008 Oregon Residential Structural Specialty Code Changes

D3) ATC 45 Field Manual: Safety Evaluation of Buildings after Windstorms and Floods

D4) and E4) 2008 Oregon Residential Mechanical Specialty Code Changes

D5) Lessons Learned from the Tactical, Practical and Political Issues in the Vernonia Flood and Beyond

E1) 2008 Oregon Plumbing Specialty Code Changes Illustrated

E2) Fire Resistance Rated Construction

WEDNESDAY, continued

C3

Oregon Inspector Certification Training

Track: *Special Interest* • Level: *Specialized*

Stan Scotton, City of Portland, Bureau of Development Services, and Twyla Knowles, Building Codes Division

This class will review the information used for the Oregon Inspector Certification examination. Students will be able to use this seminar to prepare for taking the examination. Scotton is working for the City of Portland, Bureau of Development Services as a retiree doing emergency management. Prior to retirement he was the Training Coordinator for the bureau. Scotton has taught numerous classes for OBOA and OMOA and plans to continue teaching after retirement. Knowles is a manager at Building Codes Division and has taught this class numerous times. There is a special registration fee for this class of \$200.00 to cover the cost of the study guides that have been developed for the OIC examination. Students will need to bring Chapter 1 of the OSSC, ORSC and OMSC. Enrollment is limited to 30 attendees. Credit: Recommended CR 6 hrs., All Certificate Holders; ICC 0.6 CEU; AIA 6 LU.

8:30 am – Noon

C4

Public Outreach: Changing Public Perception

Track: *Code Administration* • Level: *Specialized*

Guy Sperb, Building Official, City of Oregon City

This presentation will cover the need for Public Outreach. Topics will include: why we need to change public perception, why we need to improve our image and the multiple benefits of improved customer service. A successful outreach program helps ensure an informed public, thus resulting in increased voluntary compliance to code requirements and helping ensure increased public safety. This presentation was created for and presented at the 2007 ICC Annual Business Meeting in Reno, Nevada. It was attended by 130 Code Officials from around the United States and has generated a great deal of interest resulting in the implementation of several outreach programs by chapters across the country. Sperb, the Building Official of the City of Oregon City, has been an instructor for numerous Educational Institutes. He is a past president of both OBOA and OMOA, a current member of the ICC Mechanical and Plumbing Code Council, the ICC Nomination Committee and the Vice-Chair of the State of Oregon Mechanical Board. Sperb also chairs OBOA's Outreach Task Force. Credit: Recommended CR 3 hrs., All Building Department Staff; ICC 0.3 CEU; AIA 3 LU.

1:00 – 4:30 pm

C5

Project and Process Management

Track: *Code Administration* • Level: *Specialized*

Tom Phillips, Building and Safety Administrator, City of Salem; Natalie "McRae" Carmichael, Project Coordinator, City of Salem; Nora Mullane, Process Management Section Manager, City of Portland Bureau of Development Services; and Kareen Perkins, Document Services Section Manager, City of Portland Bureau of Development Services

This class will explore concepts in tailoring your services to meet the needs and expectations of your customers. Good project and process management begins with a progressive philosophical approach and ends with actual implementation that meets the need of both the customer and the local jurisdiction. In this class, the panelists from the City of Portland and Salem will discuss concepts that have made both their cities leaders in innovative service. They'll share with you tools that can improve your process to have: proactive service philosophy, greater coordination with other departments, improved reputation within your community, team building, strategies for communicating and tracking your process and projects and examples of practical application. Phillips, the City of Salem's Building and Safety Administrator since 2004, has been in the building inspection technology field for 18 years. He has served as Structural Chief for the State of Oregon, building official for the cities of Astoria and Warrenton and for two jurisdictions in Idaho. Currently, Phillips serves on OBOA's Board of Directors and Legislative Committee and is a member of IAS's Accreditation Committee. Carmichael, the City of Salem's Project Coordinator for Major Projects, acts as the liaison between the applicant and representatives and City staff. Her role is to ensure the process is efficient for Salem's customers. Carmichael's background and experience in land use in Oregon and in the Northeast give her a wide range of knowledge and problem-solving skills to meet this task with success. Mullane has been the Process Management Section Manager at the City of Portland's Bureau of Development Services for the past four years. During that time, she worked with stakeholders and city staff to develop the Major Projects Group Program tailoring services for the city's largest and most complex development projects. Perkins is the Document Services Section Manager for the City of Portland's Development Services Center. Her staff provides process management assistance to customers coming through the Development Services Center. She also manages several programs tailored to meet the needs of a specific group of customers. Credit: Recommended CR 3 hrs., All Building Department Staff; ICC 0.3 CEU; AIA 3 LU.

THURSDAY, MARCH 20, 2008

8:30 am – 4:30 pm

D1 Multi-Family Residential and Special Residential Occupancies

Track: Special Interest • Level: Specialized

Steve McGuire, Plan Review Supervisor, City of Eugene, and Bill Lemons, Plans Examiner, City of Eugene

This class will cover the differences between SR and R occupancies including low-rise residential. We will discuss the differences between the SR occupancies (SR-1, SR-2, SR-3 and SR-4) and the differences between the SR occupancies and the R-3, R-4, I-1 and I-2 occupancies. The class will identify the additional requirements for the SR Occupancies around fire resistive construction, fire protection systems and exiting. It will also discuss building configuration, dwelling separation, fire resistive construction, sound separation, exiting and accessibility requirements comparing requirements between Appendix 'AN' and the main body of the OSSC. McGuire graduated in 1976 from the University of Oregon with a Bachelors of Architecture degree. From 1978 through 1990, McGuire 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, McGuire became employed by the City of Eugene as a plans examiner. Currently, McGuire is the Plan Review Supervisor for the City of Eugene Building Permit Services. Lemons holds a Bachelor of Architecture from the University of Oregon, was a practicing Architect for 17 years, and has worked for the City of Eugene as a residential and commercial plans examiner for the past 10 years. Credit: Approved CC 6 hrs., PE, SI, FLS; ICC 0.6 CEU; AIA 6 HSW.

8:30 am – Noon

D2 2008 Oregon Residential Structural Specialty Code Changes

Track: Special Interest • Level: Specialized

Scott Caufield, Building Official, Clackamas County

This class will cover the Structural portion of the changes to the Oregon Residential Specialty Code. The new code, effective April 1, 2008, includes provisions for administration, structural and life-safety and the applicable portions of the 2006 IBC and 2006 IMC for the construction of low-rise multi-family residential buildings. The course will review the history of the current changes, the structure of the residential code and the changes to the administrative provisions of the code. All technical aspects of the code changes in each chapter will be addressed and, where suitable, applications of the code change will be provided. Caufield has been the Building Official at Clackamas County for five years and prior to that had twelve years of experience as residential and commercial plans examiner. He serves on the State Residential Structures Board, is currently vice-president of OBOA and is a member of OBOA's Education Committee. Participants should bring the 2008 Edition of the Oregon Residential Specialty Code. Enrollment is limited to 65 attendees. Credit: Approved CC 3 hrs. CAS, CAX; ICC 0.3 CEU; AIA 3 HSW.

D3 ATC 45 Field Manual: Safety Evaluation of Buildings after Windstorms and Floods

Track: Special Interest • Level: Specialized

Stan Scotton, City of Portland

This course covers the material in the Applied Technology Council (ATC) 45 field manual for evaluation of buildings after windstorms and floods. Because the class is only a half-day, participants should be familiar with the ATC 20 procedures and postings, the incident command system (ICS), and the State of Oregon statutes and rules related to disaster response. State of Oregon Post Earthquake Damage Assessment Inspector registration is not required but is recommended. The course will focus on the rapid and detailed evaluation of buildings damaged by windstorms and floods. The registration fee includes the ATC 45 Field Manual. Class size is limited to 30 participants. Scotton is working for the City of Portland, Bureau of Development Services as a retiree doing emergency management. Prior to retirement he was the Training Coordinator for the bureau. Scotton has taught numerous classes

for OBOA and OMOA and plans to continue teaching after retirement. Scotton has worked numerous disasters and exercises, most recently the Top Officials 4 (TOPOFF 4) Exercise in October of 2007. Credit: Recommended CR 3 hr., PE, SI, FLS, CAX, CAS; ICC 0.3 CEU; AIA 3 HSW.

1:00 – 4:30 pm

D4 2008 Oregon Residential Mechanical Specialty Code Changes

Track: Special Interest • Level: Specialized

Scott Caufield, Building Official, Clackamas County

This class will cover the Mechanical portion of the changes to the Oregon Residential Specialty Code as well as the Energy Conservation provisions. The new code, effective April 1, 2008, includes provisions for administration, mechanical and fuel-gas and the applicable portions of the 2006 IBC and 2006 IMC for the construction of low-rise multi-family residential buildings. The course will review the history of the current changes, the structure of the mechanical code and the changes to the administrative provisions of the code. All technical aspects of the code changes in each chapter will be addressed and, where suitable, applications of the code change will be provided. Caufield has been the Building Official at Clackamas County for five years and prior to that had twelve years of experience as residential and commercial plans examiner. He serves on the State Residential Structures Board, is currently vice-president of OBOA and is a member of OBOA's Education Committee. Participants should bring the 2008 Edition of the Oregon Residential Specialty Code. Enrollment is limited to 65 attendees. Credit: Approved CC 3 hrs. CAM, ICC 0.3 CEU; AIA 3 HSW.

D5 Lessons Learned from the Tactical, Practical and Political Issues in the Vernonia Flood and Beyond

Track: Special Interest • Level: Specialized

Charlcie Kaylor, Building Official, The Building Department, LLC

This presentation will discuss the lessons learned arising from the disasters in Oregon on December 3, 2007.

It will address the uses of ATC-45 and the relationships with FEMA, Small Business Association, State Fire Marshal Incident Command, Department of Land Conservation & Development, Emergency Management, volunteer organizations, and elected officials. Kaylor has been a building official for ten years and manages The Building Department, LLC, a private provider for code enforcement and plans examination serving jurisdictions in Oregon and Idaho. She serves on OBOA's Legislative and Education committees. Credit: Recommended CR 3 hr., PE, SI, FLS, CAX, CAS; ICC 0.3 CEU; AIA 3 HSW.

FRIDAY, MARCH 21, 2008

8:30 am – 5:00 pm

E1 2008 Oregon Plumbing Specialty Code Changes Illustrated

Track: Special Interest • Level: Specialized

Mike Ditty, Plumbing/Mechanical Inspector, City of Hillsboro, OR

Time to put a new cover on our old friend, Mr. Plumbing Code! Illustrated plumbing code changes means just that, pictures, slides, handouts, whatever it takes to keep you awake all day. This course will review the 2008 Oregon Plumbing Specialty Code and the Plumbing provisions referenced in the 2008 Oregon Residential Specialty Code – both of which go into effect April 1, 2008. The instructor will examine each change in detail and discuss, analyze and review their impact on plumbing systems. The class will look at the changes from both the installer and the code official points of view to better understand how to implement them. Waterless urinals – does that mean trough type also? What is the new Chapter 16? Appendix M – rainwater harvesting; in Oregon? Ditty is currently a Plumbing/Mechanical Inspector for the City of Hillsboro, OR and has taught numerous plumbing and mechanical code courses. A journeyman plumber with many years of experience in all phases of the trade, Ditty has a degree in plumbing technology, is on the executive board of the

FRIDAY, continued

local chapter of IAPMO and serves as the lead instructor for a plumbing apprenticeship training program. Credit: Approved CC 8 hrs., CAP, PI, Plumbing JP; ICC 0.8 CEU; AIA 8 HSW.

8:30 am – 4:30 pm

E2

Fire Resistance Rated Construction

Track: Special Interest • Level: Specialized

Steve Thomas, President, Colorado Code Consulting

This class will be an in-depth discussion of Chapter 7 of the 2006 IBC related to fire-resistant-rated construction. The class will include a discussion of available resources available to comply with these chapters, and how to obtain and use them. Other subjects included in the discussion include, Fire Walls, Fire Barriers, Shafts, Horizontal Assemblies, Fire & Smoke Dampers and other fire resistant rated assemblies in the code. Thomas has more than 22 years experience in code administration and enforcement. He served as Building Official for the City of Glendale, Colorado, for 18 years. Starting a building code consulting firm in 1999, Thomas now serves as the Building Official for Cherry Hills Village and the City of Sheridan. He served on the ICBO Fire and Life Safety Code Development Committee and the ICBO Means of Egress Review Committee in 1998 and 1999 and has taught numerous building code subjects the past 17 years. Credit: Recommended CR 6 hrs., PE, SI, FLS; ICC 0.6 CEU; AIA 6 HSW.

8:30 am – Noon

E3

2008 Oregon Residential Structural Specialty Code Changes

Track: Special Interest • Level: Specialized

Scott Caufield, Building Official, Clackamas County

This class will cover the Structural portion of the changes to the Oregon Residential Specialty Code. The new code, effective April 1, 2008, includes provisions for administration, structural and life-safety and the applicable portions of the 2006 IBC and 2006 IMC for the construction of low-rise multi-family residential buildings. The course will review the history of the current changes, the structure of the residential code and the changes to the administrative provisions of the code. All technical aspects of the code changes in each chapter will be addressed and, where suitable, applications of the code change will be provided. Caufield has been the Building Official at Clackamas County for five years and prior to that had twelve years of experience as residential and commercial plans examiner. He serves on the State Residential Structures Board, is currently vice-president of OBOA and is a member of OBOA's Education Committee. Participants should bring the 2008 Edition of the Oregon Residential Specialty Code. Enrollment is limited to 65 attendees. Credit: Approved CC 3 hrs. CAS, CAX; ICC 0.3 CEU; AIA 3 HSW.

1:00 – 4:30 pm

E4

2008 Oregon Residential Mechanical Specialty Code Changes

Track: Special Interest • Level: Specialized

Scott Caufield, Building Official, Clackamas County

This class will cover the Mechanical portion of the changes to the Oregon Residential Specialty Code as well as the Energy Conservation provisions. The new code, effective April 1, 2008, includes provisions for administration, mechanical and fuel-gas and the applicable portions of the 2006 IBC and 2006 IMC for the construction of low-rise multi-family residential buildings. The course will review the history of the current changes, the structure of the mechanical code and the changes to the administrative provisions of the code. All technical aspects of the code changes in each chapter will be addressed and, where suitable, applications of the code change will be provided. Caufield has been the Building Official at Clackamas County for five years and prior to that had twelve years of experience as residential and commercial plans examiner. He serves on the State Residential Structures Board, is currently vice-president of OBOA and is a member of OBOA's Education Committee. Participants should bring the 2008 Edition of the Oregon Residential Specialty Code. Enrollment is limited to 65 attendees. Credit: Approved CC 3 hrs. CAM, ICC 0.3 CEU; AIA 3 HSW.

SCHEDULE AT A GLANCE

MONDAY, MARCH 17, 2008

8:30 am – 5:00 pm

A1) 2008 Oregon Electrical Specialty Code Changes • *Fred Simmons*

8:30 am – 4:30 pm

A2) Prescriptive Bracing • *Eric Schmidt and Sean Blaire*

8:30 am – Noon

A3) 2007 Oregon Mechanical Specialty Code Changes • *Guy Sperb*

1:00 pm – 4:30 pm

A4) Virtually in the Test Lab • *Bob Eugene*

TUESDAY, MARCH 18, 2008

8:30 am – 4:30 pm

B1) 2007 Oregon Structural Specialty Code Changes • *Steve Winstead*

B2) NFPA 72 – 2002 National Fire Alarm Code • *Michael B. Baker*

B3) ATC 20 Procedures for Post Earthquake Safety Evaluation of Buildings • *Steve McGuire and Bill Lemons*

WEDNESDAY, MARCH 19, 2008

All Day – Product Fair

8:30 am – 4:30 pm

C1) A Practical Approach to Chapter 11 • *Steve Winstead and Lori Graham*

C2) 2006 IBC Hazardous Materials • *Ben Green*

C3) Oregon Inspector Certification Training • *Stan Scotton and Twyla Knowles*

8:30 am – Noon

C4) Public Outreach: Changing Public Perception • *Guy Sperb*

1:00 pm – 4:30 pm

C5) Project and Process Management • *Tom Phillips, Natalie "McRae" Carmichael, Nora Mullane and Kareen Perkins*

5:30 pm – 7:30 pm

C6) Code Bowl

THURSDAY, MARCH 20, 2008

All Day – Product Fair

8:30 am – 4:30 pm

D1) Multi-Family Residential and Special Residential Occupancies • *Steve McGuire and Bill Lemons*

8:30 am – Noon

D2) 2008 Oregon Residential Structural Specialty Codes Changes • *Scott Caufield*

D3) ATC 45 Field Manual: Safety Evaluation of Buildings after Windstorms and Floods • *Stan Scotton*

1:00 pm – 4:30 pm

D4) 2008 Oregon Residential Mechanical Specialty Code Changes • *Scott Caufield*

D5) Lessons Learned from the Tactical, Practical and Political Issues in the Vernonia Flood and Beyond • *Charlcie Kaylor*

FRIDAY, MARCH 21, 2008

8:30 am – 5:00 pm

E1) 2008 Oregon Plumbing Specialty Code Changes Illustrated • *Mike Ditty*

8:30 am – 4:30 pm

E2) Fire Resistance Rated Construction • *Steve Thomas*

8:30 am – Noon

E3) 2008 Oregon Residential Structural Specialty Codes Changes • *Scott Caufield*

1:00 pm – 4:30 pm

E4) 2008 Oregon Residential Mechanical Specialty Codes Changes • *Scott Caufield*

OREGON BUILDING OFFICIALS ASSOCIATION 2008 SPRING EDUCATIONAL INSTITUTE

REGISTRATION FORM

To ensure accuracy, please print clearly.

Name (please list your name as you wish it to appear on your name badge): _____

Title: _____

Company: _____

Address: _____

City/State/Zip: _____

Telephone: _____ Fax: _____ Email: _____

**To receive confirmation of your class registration, you must provide an email address on the registration form.
No mailed confirmations will be sent.**

Certification Number(s): _____

Special Needs – if you have any special requirements (e.g., require vegetarian entrees, handicap access, etc.) please let us know:

Please check below each class and/or special event you wish to attend • Each class listed is a separate full or half-day course:

Mon, March 17, 2008
8:30 am – 5:00 pm
 A1 – 2008 Oregon Electrical Specialty Code Changes
8:30 am – 4:30 pm
 A2 – Prescriptive Bracing
8:30 am – Noon
 A3 – 2007 Oregon Mechanical Specialty Code Changes
1:00 pm – 4:30 pm
 A4 – Virtually in the Test Lab

Tues, March 18, 2008
8:30 am – 4:30 pm
 B1 – 2007 Oregon Structural Specialty Code Changes
 B2 – NFPA 72 – 2002 National Fire Alarm Code
 B3 – ATC 20 Procedures for Post Earthquake Safety Evaluation of Buildings

Wed, March 19, 2008
8:30 am – 4:30 pm
 C1 – A Practical Approach to Chapter 11
 C2 – 2006 IBC Hazardous Materials
 C3 – Oregon Inspector Certification Training
8:30 am – Noon
 C4 – Public Outreach: Changing Public Perception
1:00 pm – 4:30 pm
 C5 – Project and Process Management
5:30 pm – 7:30 pm
 C6 – Code Bowl

Thurs, March 20, 2008
8:30 am – 4:30 pm
 D1 – Multi-Family Residential and Special Residential Occupancies
8:30 am – Noon
 D2 – 2008 Oregon Residential Structural Specialty Code Changes
 D3 – ATC 45 Field Manual: Safety Evaluation of Buildings after Windstorms and Floods
1:00 pm – 4:30 pm
 D4 – 2008 Oregon Residential Mechanical Specialty Codes Changes
 D5 – Lessons Learned from the Tactical, Practical and Political Issues in the Vernonia Flood and Beyond

Fri, March 21, 2008
8:30 am – 5:00 pm
 E1 – 2008 Oregon Plumbing Specialty Code Changes Illustrated
8:30 am – 4:30 pm
 E2 – Fire Resistance Rated Construction
8:30 am – Noon
 E3 – 2008 Oregon Residential Structural Specialty Code Changes
8:30 am – Noon
 E4 – 2008 Oregon Residential Mechanical Specialty Code Changes

CANCELLATION POLICY: Cancellations received more than one week prior to the Institute will be refunded the registration fee minus a \$20 processing fee. No refunds will be given for cancellations received after March 9, 2008.

Please register early – class size may be limited!

FEES:	Early Bird Registration Received by March 4	Regular Registration Received after March 4	BIT Approved Students Received by March 4 /After March 4
	Member/Non Member	Member/Non Member	
Daily Fee:	\$175.00/\$200.00	\$200.00/\$225.00	\$105.00/\$125.00
Half Day Fee:	\$90.00/\$105.00	\$105.00/\$115.00	\$60.00/\$75.00
C3 Fee:	\$200.00/\$225.00	\$225.00/\$250.00	\$135.00/\$155.00
4-Day Fee:	\$600.00/\$700.00	\$650.00/\$725.00	\$400.00/\$425.00
5-Day Fee:	\$725.00/\$750.00	\$750.00/\$775.00	\$475.00/\$500.00

PLEASE NOTE: Two half-day classes on different days DO NOT qualify for the daily rate. Registration forms must be received by March 4 to qualify for the Early Bird discount (payment may follow at a later date). Fees include lunch, breaks, and course handouts.

PAYMENT Total Amount Due: \$ _____ Check enclosed payable to OBOA Purchase Order #: _____

MasterCard VISA Card #: _____ Expiration Date: _____

Name on Card: _____ Security Code (last 3 digits on back of card): _____

Billing Address of Card: _____ Signature: _____

Mail completed registration form and payment to: OBOA, PO Box 68, Silverton, OR 97381

Questions?? Call the OBOA office at 503.873.1157, fax 503.873.9389, via email at oboa@teleport.com or visit the website at www.oboonline.org



OREGON
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Committed to Building Safety

PO Box 68

Silverton, OR 97381

SPECIAL EVENTS & GENERAL INFORMATION

Product Fair

Wednesday, March 19 & Thursday, March 20 – All day

Join leading-edge building industry professionals at the Product Display Fair Wednesday, March 19 and Thursday, March 20, 2008. This is a great opportunity to learn about the latest services and products for building departments and the building industry . . . all in one place!

Code Bowl XX

Wednesday, March 19 – 5:30 to 7:30

Code Bowl XX continues the tradition of fun and competition. Pit your code knowledge against other building industry professionals in a dramatic fight-to-the-finish on Wednesday evening. Great sport and prizes and no registration fee! Complimentary hors d'oeuvres and no-host bar. However, please sign up on the registration form (C6)!

Schedule

The Conference Registration Desk opens at 7:30 am each day for registration. Class sessions run from 8:30 am to Noon and 1:00 to 4:30 pm except where otherwise noted. Refreshment breaks are at 10:00 am and 2:30 pm. Coffee and pastries are provided each morning beginning at 7:30 am and lunch is from Noon to 1:00 pm. Registration fees include breaks and luncheons.

Note

All attendees are responsible for bringing the appropriate code books to each class. Attendees must sign an attendance roster for each class to receive Certificates of Completion.

Cellular Telephones & Pagers

Due to numerous comments from Educational Institute attendees, cellular telephones or pagers will NOT be allowed on audio ringing during class sessions. (Silent or vibrating mode is acceptable.) Keep in mind – located at the OBOA registration desk will be a message board, and should you receive a message, we will be happy to post it.

Registration Confirmation

To receive confirmation of your class registration, you must provide an email address on the registration form. No mailed confirmations will be sent.

Lodging

The Eugene Hilton, 66 E 6th Ave., Eugene, Oregon 97401. To make lodging reservations, call the Eugene Hilton directly at 541-342-2000 and ask for the OBOA sleeping room block. Rate for single or double occupancy is \$99.00 plus current room tax. Lodging reservations must be made by February 15, 2008 to ensure group prices and availability.

Questions?

Call the OBOA office at 503-873-1157, fax 503-873-9389, via email at oboa@teleport.com or visit the website at www.oboanline.org

Future Educational Institutes

OMOA Short School	May 13 & 14	Chemeketa Comm. Coll., Salem
OMOA Annual Institute	Sept. 9–11	Holiday Inn Select, Wilsonville
OBOA 2008 Fall Institute	Nov. 12–16	Holiday Inn Select, Wilsonville
OBOA 2009 Winter Institute	Jan. 13–15	Salem Conference Center, Salem