



2022 IDABO EDUCATION INSTITUTE

JANUARY 25-28, 2022
COEUR D'ALENE RESORT - COEUR D'ALENE, ID



SCHEDULE

Monday - January 24th

7:00pm - Meet & Greet - Hospitality Suite

Tuesday - January 25th

7:30 am - Registration and Continental Breakfast

8:30 - 4:30 - 2018 IBC Fire and Life Safety Principals

.6 ICC CEUs

Doug Thornburg

Room: Kidd Island Bay

2018 IBC Fire and Life Safety Principles. This seminar addresses the critical concepts of the 2018 IBC regarding fire and life safety issues. These concepts provide a basis for the correct application of the code in building planning, including the classification of buildings and occupancies. Allowable building heights and areas, fire-resistance-rated construction, fire protection systems and means of egress will also be thoroughly discussed. The content addresses issues in IBC Chapters 3 through 10 that are necessary for many designs and plan review decisions.

8:30 - 4:30 - IBC Means of Egress Class (#120)

.6 ICC CEUs

Steve Thomas

Room: Bay 5

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

8:30 - 12pm - 2018 International Energy Conservation Code Commercial

.3 ICC CEUs

David Frelove

Room: North Cape Bay

This half-day seminar is designed to provide an in-depth look at the commercial energy requirements of the 2018 International Energy Conservation Code. Commercial plan review and inspection techniques will be reviewed. Discussion will cover topics such as the Discussion will include climate zones, thermal envelope, mechanical systems, lighting controls and loads as well as determining lighting budgets.

10:00 —10:15 am - Vendor Visits Begin/ Break

12pm —1 pm - Lunch

- Lunch with Vendors and Tradeshow

1:30 - 4:30 - 2018 International Energy Conservation Code Residential

.3 ICC CEUs

David Frelove

Room: North Cape Bay

This half-day seminar is designed to provide an in-depth look at the Residential Energy requirements in Chapter 11 of the 2018 IRC and Chapter 4 of the 2018 IECC. Residential plan review and inspection

2:30 pm - Vendor Break

4:30-5:30 pm - Tradeshow and Reception

5:30-7:30 pm - IDABO Board Meeting

Wednesday - January 26th

8:00 am - Registration and Continental Breakfast

8:00 am • Vendor Visits Resume

8:30- 4:30 - 2018 IBC Fire and Smoke Protection Features

.6 ICC CEUs

Doug Thornburg

Room: Kidd Island Bay

This seminar provides a comprehensive review of the fire and smoke protection methods established in the IBC Chapter 7. The concepts discussed will provide a basis for the analysis and identification of which components require fire-resistance ratings; where fire-resistance-rated construction is required in building construction; where smoke-resistant construction is mandated; and the use of fire door assemblies, fire window assemblies, penetration firestopping systems, fire dampers and smoke dampers.

8:30 - 4:30 - IRC Exterior Wall Systems (#304)

.6 ICC CEUs

Steve Thomas

Room: North Cape Bay

Water intrusion through exterior walls may be the largest problem in residential construction today. This class discusses the International Residential Code's requirements for exterior walls. General installation requirements of products will be discussed, including weather barriers, flashing, wood/hardboard siding, masonry veneer, stucco and exterior insulated finish systems.

8:30 - 4:30 - The IRC Basics for Permit Technicians

.6 CEUs

Jack Applegate

Room: Bay 5

This course is based on the 2018 International Residential Code® and explains code terminology, provisions and commonly used terms and tables which are essential to understanding the 2018 International Residential Code® (IRC®) to the most encountered building practices our techs need to know at the counter. The class is presented in a simple user-friendly manner with an emphasis on basic to intermediate knowledge needed for permit technicians to fully understand the submittal documents needed and what terms are commonly used in the trade and industry. This knowledge will provide a clear easy-to-apply in office, foundation of code knowledge. Clear and concise slides, tables examples assist the Techs in visualizing the code requirements. The straightforward, easy -to-learn approach makes this class beneficial to both new and veteran permit technicians and other professionals such as contractors, builders, and designers.

10:00 —10:15 am - Vendor Break

12pm—1 pm - Lunch - IDABO Membership Meeting - All Attendees Welcome

2:30 pm - Vendor Break

5:00 - 6:30 pm - Hospitality Suite



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Thursday - January 27th

8:00 am - Registration and Continental Breakfast

8:30 - 12pm - 2018 Types of Construction Classification and Applications

.3 ICC CEUs

Doug Thornburg

Room: Kidd Island Bay

Together with occupancy classification, one of the most critical steps in analyzing a building for code compliance is classifying it for type of construction purposes. This seminar will address the two distinct aspects of construction type: 1) determination of the appropriate types of construction based on building occupancy, height and area, and 2) identification of the construction and fire-resistance-rated features associated with the nine individual construction types. The permissible use of combustible materials in Type I and II noncombustible buildings will also be addressed.

8:30 - 4:30 pm - IBC and IRC for Fire Code Officials (#101)

.6 ICC CEUs

Steve Thomas

Room: North Cape Bay

This fast-paced seminar explores the major provisions of the International Building Code (IBC) and International Residential Code (IRC) as they relate to fire department personnel. The presentation will include discussions of the provisions addressing the following issues: occupancy classification, types of construction, one and two family dwellings and townhouses. This class is designed to provide an introduction to the new provisions of the code.

8:30 - 12pm - WC3 Residential Solar PV Plan Reviews

.3 ICC CEUs

Doug Smith

Room: Bay 5

Solar photovoltaic (PV) system installations continue to increase throughout the country. Thorough plan reviews are essential for their safe installation. This full day course will give many examples of different types of residential solar PV systems and will walk the class step by step through the plan review process for each one. This course will also explain the key items to look for during inspections. Topics to be covered throughout the presentation include: wire/breaker sizing, wire deration, cold temperature voltage, rapid shutdown of systems, disconnect locations, interconnection requirements, roof fire access clearances, equipment/wiring installations, and signage. This course will be very beneficial for plan reviewers and inspectors, but will also be helpful for solar contractors and designers to better understand what information is required on solar PV plans and what is expected during inspections.

10:00 —10:15 am - Vendor Break

12pm —1 pm - Lunch

1 pm - 4:30 pm - 2018 IBC Exit Systems

.3 ICC CEUs

Doug Thornburg

Room: Kidd Island Bay

This seminar focuses on IBC Chapter 10 means of egress components that are defined and regulated as exits. These components, defined in Chapter 2, are considered as high-level elements that provide a considerable degree of occupant protection within the means of egress system. The exit discharge provisions will also be discussed. Specific topics include interior exit stairways, exit passageways, horizontal exits, and exterior exit stairways.

5:30 - 6:30pm - Hospitality Suite

Friday - January 28th

8:00 am - Registration and Continental Breakfast

8:30 - 12pm - 2018 Mixed Occupancies

.3 ICC CEUs

Doug Thornburg

Room: Kidd Island Bay

Based on the provisions of IBC Section 508, this seminar addresses those special requirements applicable to buildings containing two or more occupancy classifications. The three mixed-occupancy options of accessory occupancies, nonseparated occupancies and separated occupancies are presented along with examples and exercises that illustrate the proper application of the provisions. The concept and application of incidental uses in Section 509 are also discussed

8:30 - 12pm - Simpson Strong-Tie Class

.3 ICC CEUs

Justin Fox

Room: North Cape Bay

The goal of this course will be to arm you and your teams with enough information to enhance your knowledge of structural hardware requirements nationally. In addition to detailing support available to your teams and contractors, with useable solutions or resources relating to appropriate use and installation of structural connections. We will be covering common connections utilized in the Southwest Idaho region, with specific focus on what classifies as "mis-installed" per the manufacturer and the IRC/IBC requirements. We will explore the common connections, and their various installations around the area. We will also cover fastener requirements and corrosion considerations related to hardware along with tools to help you make the best decisions for your jurisdictions. Time allowing we will also cover alternatives to listed hardware.

8:30 - 12pm - Flood Plain Training

.3 ICC CEUs

Maureen O'Shea

Room: Bay 1A 1B

The presentation will provide information concerning the flood resistant provisions of International Codes® (I-Codes) 2018, 2015, 2012, & 2009; Referenced standards in American Society of Civil Engineers (ASCE) 24; Flood Resistant Design and Construction; and The National Flood Insurance Program (NFIP) requirements. This describes the relationship between the NFIP & the I-Codes.

8:30 - 12pm - Manufactured Home Installer and Inspector Training

4 DBS CEUs

Mark Ferm/ Mike Davis

Room: Bay 5

This course will educate and inform the manufactured housing installer inspector and retailer on technical aspects of manufactured housing placement and set-up.

10:00 —10:15 am - Vendor Break

12pm - Conference Ends