

BONNEVILLE CHAPTER

NEW LOCATION *

Utah Cultural Celebration Center
1355 West 3100 South
West Valley City, Utah

19th

Annual Fall
Educational Institute

Sept. 19 thru 21, 2012

Education for:
Architects, Contractors,
Engineers, Elected
Officials; Fire and
Building Departments

Featuring Participation by:



INTERNATIONAL
CODE COUNCIL®

Partial Funding by:



DEPARTMENT OF COMMERCE
Division of Occupational and
Professional Licensing

ABOUT OUR FALL EDUCATIONAL INSTITUTE:

- Join us for our 19th annual conference continuing a tradition of excellent and relevant education at a reasonable cost.
- The conference moved last year to West Valley City. The conference will again be held at the Utah Cultural Celebration Center located at 1355 West 3100 South. The Utah Cultural Celebration Center is located due east of the intersection of 3100 South and Redwood Road.
- Learn from national and local experts including three ICC seminars, and a very well known national instructor.
- Numerous restaurants to choose just a 5-minute drive away. Lunch is on your own.
- Partial funding of this training program has been provided by the Division of Occupational & Professional Licensing of the State of Utah from the 1% surcharge funds from all building permits.
- **CONTRACTORS NOTE: Once again our educational agenda provides timely classes specifically to help you fulfill all your educational requirements for your license renewal.**
- **INSPECTORS NOTE: This year we offer very specific IBC topics to increase your understanding of complicated commercial structures. In addition we have a popular class to keep you current on the ever-changing world of Accessibility. Get all your training hours and learn the 2009 I-code changes right here in three days.**

COURSE DESCRIPTIONS

NEW ACCESSIBILITY STANDARD ANSI A117.1-2009

ICC staff will address the new and revised requirements for Accessible and Usable Buildings including clarification of requirements for dwelling units, the new Type c dwelling units, revised restroom requirements, new provisions for recreational facilities, and new signage requirements. A new companion guide Significant Changes to the A117.1 Accessibility Standard 2009 Edition will be given to all students who attend. The class will also address how the new ANSI standard complements ADA and the IBC, and where application may differ.

2011 NATIONAL ELECTRICAL CODE UPDATE

Don't look now but adoption of the 2011 edition of the National Electrical Code by the State of Utah is now history. The 2011 NEC took effect per the State Legislature on July 1, 2012 with very few local amendments. As usual there are many national changes to the 2008 edition. Our well-known local instructor will address the significant changes to the NEC. The opportunity to play catch-up is now. This seminar will not be offered again.

IBC SENIOR LIVING OCCUPANCIES

A well-known national instructor will address building code application to the various types of senior living occupancies. This full day class will explore design and review of senior living facilities under the IBC. The market is supporting development of mixed use projects that include independent living facilities (Group R-2), assisted living facilities (Group I-1), memory care facilities (Group I-2) and other associated occupancies. The discussion will also include the interaction of the IBC with NFPA 101 Life Safety Codes in these uses. Never assume you will not see these types of structures in your town during your career. Be ready.

COURSE DESCRIPTIONS CONTINUED

IBC MULTI-FAMILY DWELLING CONSTRUCTION

This class will focus on the overwhelming fire safety concerns in multi-family dwelling construction. Fire walls, fire barriers, fire partitions, the problems with penetrations, as well as the complex egress systems employed are all part of the focus on this class. Type VA may be the most difficult type of construction to construct per code. This seminar discusses design, construction, and inspection of group R-2 occupancies including building planning, fire-resistive construction, fire protection requirements, and means of egress. You may have noticed that there is a big push to construct many very large, wood frame multi-family structures along the Wasatch Front this year.

SOLAR PHOTOVOLTAIC SYSTEMS

Solar panels and solar photovoltaic systems are becoming more popular especially with the availability of tax rebates. More solar panels systems are appearing in our residential neighborhoods. Many very large commercial rooftops are now covered with large solar panel systems. Like it or not, building permits and inspections are required. There are electrical hazards inherent in solar panel systems which warrant careful installation and inspection. This course is designed for inspectors new to solar panel system installations. There is much confusion surrounding PV systems. This course will help provide the essentials for a better understanding of how and where the codes address photovoltaic systems. It will include a plan review process for residential PV systems to aid inspectors, electricians, and design professionals.

COURSE DESCRIPTIONS CONTINUED

STRUCTURAL CHANGES IN THE 2012 IBC

With every new code edition there are changes in both specific requirements and general principles. A well-known local structural engineer will give you an introduction to the structural changes coming our way in the 2012 edition of the IBC. The referenced material standards for wood, concrete, steel, and masonry have changed. There are new wind and seismic design methods. Attendees will develop revised Design criteria for their own jurisdiction in preparation for adoption of the 2012 IBC. You will learn to ask the relevant questions of designers during plan review and inspections to insure the new structural provisions have been employed in the building design.

2012 IFC UPDATE

This seminar identifies the changes from the 2009 to the 2012 International Fire Code. It also discusses the changes in the organization and code requirements. Attendees will learn the applicability of these requirements to design, plan review, and inspections in new construction and existing buildings with or without alterations.

EXISTING BUILDINGS: IBC CHAPTER 34 v. IFC CHAPTER 46

Much of the construction today involves modifications to existing buildings. Ever wrestled with the technical feasibility of requiring current code provisions on very old structures? Did you know that IBC Chapter 34 or IFC Chapter 46 may contain a compromise? Did you know that IBC Chapter 34 and IFC Chapter 46 have been rumored to be in conflict with each other? This seminar focuses on the fundamental requirements on an existing structure that undergoes repair work, alteration, renovation, or construction of an addition, and the effect of these changes on the building occupancy classification.

COURSE DESCRIPTIONS CONTINUED

2009 IPC DESIGN / INSTALLATIONS / INSPECTIONS

This seminar will focus on the critical concepts required to safely design, install, and inspect plumbing installations in accordance with the 2009 edition of the International Plumbing Code. Participants will benefit from understanding the core principles needed to correctly interpret and apply the 2009 IPC.

COURSE INSTRUCTORS:

STEVE THOMAS – PRESIDENT, COLORADO CODE CONSULTING

Mr. Thomas has twenty-seven years experience working with building codes including plan review, inspections, and administration. His firm provides building code consulting services for governmental agencies and architectural firms, as well as educational seminars on building codes. Steve Thomas started his building codes consulting firm in 1999, and now serves as the Vice Chairman of the ICC Means of Egress Code Development Committee. He also serves on the International Building Code Interpretations Committee for ICC. Mr. Thomas has spent the last twenty years teaching building codes and provides an interesting and engaging look at building codes and their evolution.

ROBERT J. SCHUTZ, P.E., P.S., CBO – INTERNATIONAL CODE COUNCIL STAFF

Bob Schutz has served as an Assistant Architectural Administrator at the Ohio Board of Building Standards where he provided oversight of the Ohio Residential Codes including inspector certification. Previously Bob served as ICC Manager of Instructors with responsibility for selection, oversight, and quality of ICC's instructor cadre. His many varied experiences include military service during the 1980s as an officer in the Army Corps of Engineers. He worked in building code enforcement for several jurisdictions in Ohio including 10 years as the Chief Building Official for the Ohio City of Powell where he also wore the titles of City Engineer and Director of Public Services. Bob also worked as the Chief Engineer for the Ohio Department of Health. He is experienced in combat construction, facilities engineering, and project management as well as having been a plumber, sheet metal worker, and brick mason.

Fall Education

Bonneville C

Cultural Center - West Valley City, Utah

COURSE PATH	SEPTEMBER 19th WEDNESDAY	
ADVANCED	Structural Changes - 2012 IBC Chris Kimball, P.E., S.E. Kimball Engineering	New Sign A11 Jay V
FUNDAMENTALS	Senior Living Occupancies – 2009 IBC Steve Thomas Colorado Code Consulting	2011 Ryan
DIVERSE TOPICS	IFC Update – 2012 Bob Schutz, P.E. – ICC staff	Exist Steve Colo

- C.E.U. CERTIFICATES AWARDED

Persons requiring assistance due to disabilities, please contact Ed Domian 801-977-1111

Daily Schedule: Registration - 7:30 AM; All classes are 8-hour sessions

Annual National Institute

Chapter - ICC

- September 19 - September 21, 2012

SEPTEMBER 20th THURSDAY	SEPTEMBER 21st FRIDAY
• Accessibility Standard – Significant Changes to ANSI 7.1 - 2009 Woodward, AIA, - ICC staff	Multi-Family Dwelling Construction – 2009 IBC Steve Thomas Colorado Code Consulting
• NEC Update Jackson – Draper City	2009 IPC Design/Installation/Inspection – Bob Schutz, P.E. – ICC staff
• Building IBC Chapter 34 IFC Chapter 46 Steve Thomas Colorado Code Consulting	Intro to Inspections of Solar Photovoltaic Systems Doug Smith – Kaysville City

REGISTRATION FEE
REFUNDED FOR ALL CLASSES -

Call 800-363-3276 by September 12th, 2012 so proper accommodations may be provided.
Classes are 8-hour sessions w/Lunch on your own; Breaks 10 AM, 3 PM.

COURSE INSTRUCTORS: CONTINUED

RYAN JACKSON, ELECTRICAL INSTRUCTOR / INSPECTOR

Ryan Jackson is an electrical inspector for Draper City, Utah and a very well-known electrical instructor along the Wasatch Front. In Utah, Ryan has lectured at colleges and universities, and taught seminars for ICC, IAEI, IEC, and IBEW. He owns Ryan Jackson Electrical Training. Ryan also works for Mike Holt Enterprises as Mr. Holt's staff code consultant where he writes, edits and provides code consulting for Mr. Holt.

JAY WOODWARD, AIA, ICC STAFF

Mr. Woodward is a senior staff architect with more than 25 years in building design, construction, code enforcement, and instruction. Jay is currently serving as the secretariat for the ICC A117.1 standard committee and is involved with the development of new ICC publications as he serves on the ICC Business and Product Development Department. Many of you will remember Mr. Woodward as an exceptional instructor. He taught at the very first Bonneville Chapter ABM at Snowridge in 1994.

CHRIS KIMBALL, P.E., S.E. – REGIONAL MANAGER

KIMBALL ENGINEERING /WC3

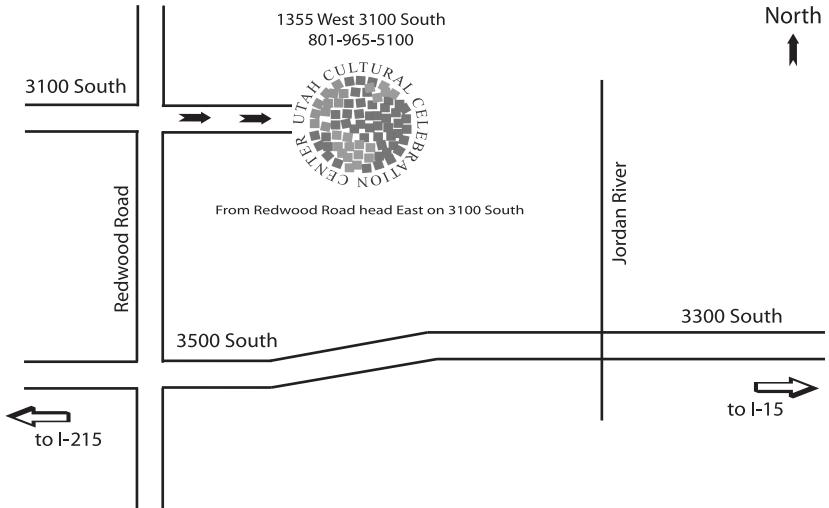
Mr. Kimball is a Utah State Licensed Professional Structural Engineer with a Master's Degree in Structural Engineering. Chris Kimball is currently providing structural plan review for many jurisdictions along the Wasatch Front through his company, Kimball Engineering (See Kimballeng.com). His firm merged with the West Coast Code Consultants to form the Utah Regional Office of Kimball Engineering/WC3. He has spent several years providing structural design for both public and private agencies. Chris Kimball has a firm understanding of the design considerations for wood, concrete, masonry, and steel construction.

COURSE INSTRUCTORS: CONTINUED

DOUG SMITH, COMBINATION BUILDING INSPECTOR – KAYSVILLE CITY

Doug Smith has earned his Master Code Professional from ICC. He has been employed as a building inspector for Kaysville City for seven years. In his career Doug has earned many ICC certifications including Combination Inspector, Combination Plans Examiner, and Certified Building Official. Doug has a special interest in all things electrical. He has a real passion for solar photovoltaic systems which has been put to good use at monthly chapter meetings where he shared his expertise in formal presentations. Kaysville City has been on the leading edge of residential solar photovoltaic systems. Doug will share his insights and expertise to help your building department prepare for solar panel permitting. His goal is to help others better understand PV systems and their applicable code requirements.

LODGING:



What you need to know about the Utah Cultural Celebration Center

culturalcelebrationcenter.org

Located at 1355 West 3100 South

Access from the corner of 3100 South & Redwood Road.
Drive as far east as you can on 3100 South.

The road ends at the *Utah Cultural Celebration Center*.

140 available *free* open parking spaces in dedicated parking
lot on site.

15 minute drive from Salt Lake City Airport.

LODGING:

Hotels within 5 minutes from conference site north and south of the Maverick Center.

Holiday Inn Express 866-925-1043
Staybridge Suites 866-538-0346
Baymont Hotel 866-767-0285
Sleep Inn 866-538-0270
Extended Stay America 866-925-7879
Crystal Inn 866-925-1480
Country inn & Suites 866-925-2907

Restaurants near conference site:

MAVERIK CENTER AREA

3100 South & Decker Lake Drive
5 minute drive from conference site

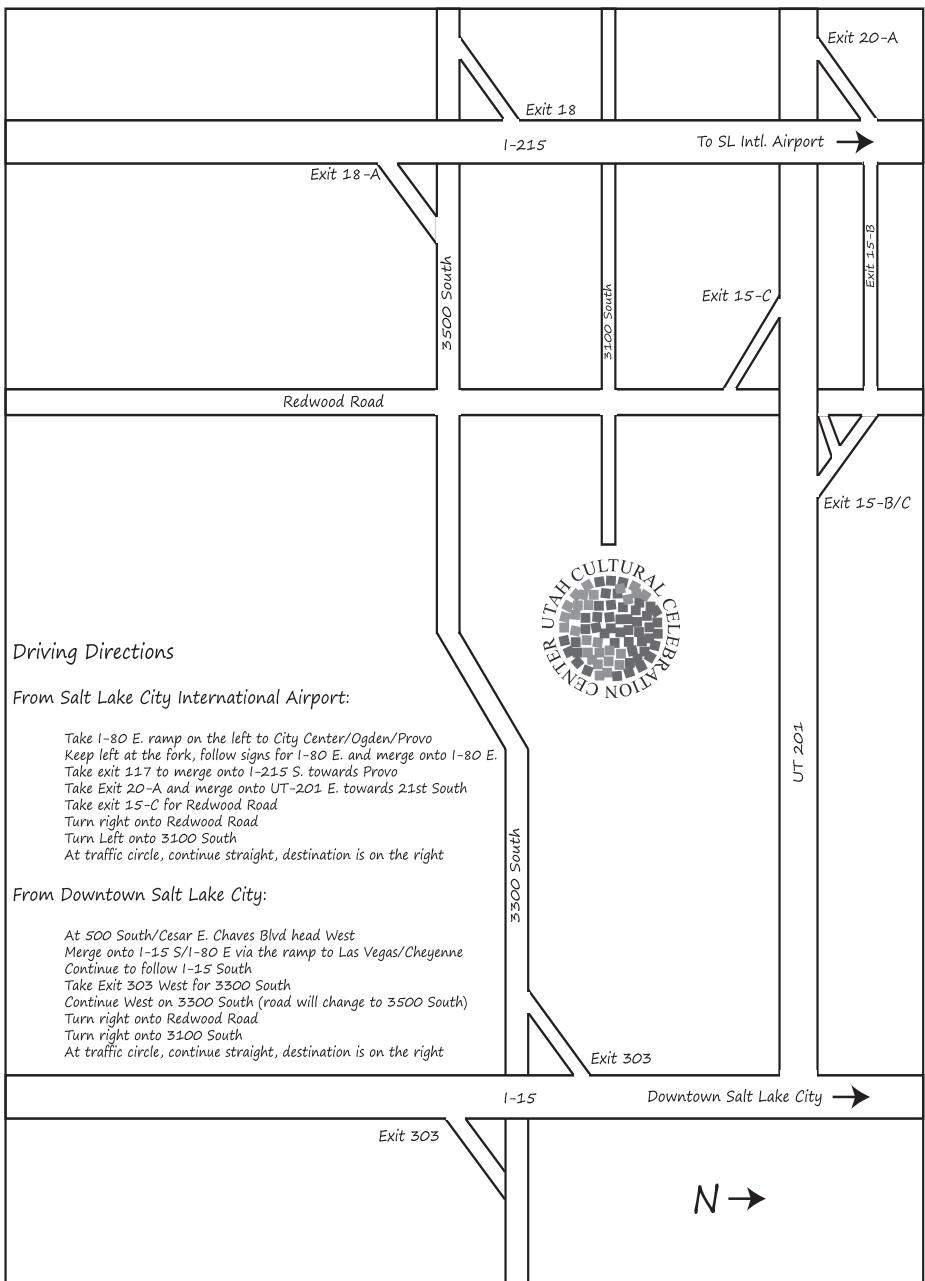
Costa Vida
Stockman's
Chili's
AppleBees
IHOP
Cracker Barrel

VALLEY FAIR MALL AREA

3500 South Constitution Blvd. (2700 West)
10 minute drive from conference site

Olive Garden
TGI Fridays
Zupas
Wingers
NYPD Pizza
In N Out Burger
Red Robin
Jimmy John's
Rumbi's
Sonny's BBQ
VF Mall Food Court

Salt Lake City Airport to Utah Cultural Celebration Center



Registration Form

Name: _____
Title: _____ Representing: _____
Address: _____
City: _____ State: _____ Zip: _____
E-mail: _____
Telephone: _____ Fax: _____

Fees: \$70.00 Per Person Per Day. **Contractors must add \$8.00 processing fee for the State contractor reporting.** (Lunch is on your own.) **Late Registration \$8.00 per day after 9/7/12.** We regret that we can no longer accept split or shared registrations. Everyone must submit a registration form with a check. No invoices please. Everyone must pay the minimum registration fee of \$70.00. There is free open lot parking on site.

Make Checks Payable To:	Total Enclosed
BONNEVILLE CHAPTER ICC P. O. Box 672 Farmington, Utah 84025	\$ _____

Please check the boxes for the classes you will be attending.

19th Annual

Fall Educational Institute

Bonneville Chapter - ICC
Utah Cultural Celebration Center – West Valley City, Utah
September 19 thru September 21, 2012

All classes listed are full day classes

PATH	SEPTEMBER 19 TH WEDNESDAY	SEPTEMBER 20 TH THURSDAY	SEPTEMBER 21 ST FRIDAY
ADVANCED	<input type="checkbox"/> STRUCTURAL CHANGES TO 2012 IBC	<input type="checkbox"/> ACCESSIBILITY & USABILITY IN COMMERCIAL STRUCTURES	<input type="checkbox"/> MULTI-FAMILY DWELLING CONSTRUCTION 2009 IBC
FUNDAMENTALS	<input type="checkbox"/> SENIOR LIVING OCCUPANCIES 2009 IBC	<input type="checkbox"/> NEC 2011 UPDATE	<input type="checkbox"/> DESIGN/INSTALLATION/ INSPECTION – 2009 IPC
DIVERSE TOPICS	<input type="checkbox"/> 2012 IFC UPDATE	<input type="checkbox"/> EXISTING BUILDINGS: IBC CHAPTER 34 IFC CHAPTER 46	<input type="checkbox"/> SOLAR PHOTOVOLTAIC SYSTEMS

REGISTRATION 7:30 All classes are 8-hour sessions w/lunch on your own.
All breaks will be held at 10:00 a.m. and 3:00 p.m. to coincide with prize drawings.

Refund Policy: \$10.00 processing fee until September 19, 2012. Thereafter, maximum 80% for exceptional reasons. REQUESTS MUST BE IN WRITING.

For questions or special assistance please feel free to contact Ed Domian at 801-963-3276.

Register early - Seating is limited!!



Bonneville Chapter ICC
c/o Mike Bosch, Treasurer
P. O. Box 672
Farmington, UT 84025-0672

Visit the ICC
Vendor Booth

http://www.iccbonn.org
Catch our home page
on the web!