

# BONNEVILLE CHAPTER

20<sup>th</sup>

Annual Fall  
Educational Institute

**PLATINUM  
ANNIVERSARY**

*Featuring Participation by:*



INTERNATIONAL  
CODE COUNCIL®

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

**Nov. 6 thru 8, 2013**

C. E. U. Hours for:  
Architects, Contractors,  
Engineers, Elected  
Officials; Fire and  
Building Departments

*Partial Funding by:*



DEPARTMENT OF COMMERCE  
Division of Occupational and  
Professional Licensing

## ABOUT OUR FALL EDUCATIONAL INSTITUTE:

- Join us for our 20th annual conference as we celebrate our Platinum Anniversary! As always we strive to maintain our tradition of excellent and relevant education at a reasonable cost.
- The conference will be held again 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, a local engineering firm, and a very well-known independent 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:** With State adoption of the 2012 I-codes we chose to offer classes to help you make the transition for your plan review and for your field inspections. There are some advanced topics for those needing more than fundamentals. There is a 2-day in-depth seminar on the basics of full commercial plan review. And we offer another class on solar photovoltaic systems which is becoming more popular on both commercial and residential buildings. Get all your training hours and learn the 2012 I-code changes right here in three days.

## **COURSE DESCRIPTIONS**

### **IBC ADVANCED ACCESSIBILITY SEMINAR #242**

Steve Thomas of Colorado Code Consulting will address the more complicated applications of accessibility under the 2012 IBC. With State adoption of the 2012 I-codes effective July 1, 2013, the new A117.1 Accessibility Standard 2009 Edition is also in effect. Topics include scoping for accessible design, compliance paths for existing buildings, and accessibility provisions for both Type A and Type B units. Design methods not fully addressed in the IBC and acceptable alternatives will also be discussed. The class will provide Federal accessibility background to help students negotiate the maze of regulations and their base intent in the 2012 IBC.

### **SOLAR PHOTOVOLTAIC SYSTEMS**

Solar panels and solar photovoltaic systems are becoming more popular especially with the availability of tax rebates. Our Governor's Office is particularly interested in streamlining the permit process as to not discourage the growth of solar energy in Utah. 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.

## **COURSE DESCRIPTIONS CONTINUED**

### **SIGNIFICANT CHANGES TO THE 2012 INTERNATIONAL FIRE CODE**

This course is designed to familiarize fire officials, building officials, plans examiners, and inspectors with the many significant changes in the 2012 IFC. This course will help code users find, interpret, and understand the reasons behind these important code revisions. The instructor will review each of the code changes approved by the ICC membership. He will explain proper application of these changes. This will be an extensive review designed to help students apply and defend these critical changes. The 2012 IFC is adopted State-wide and in effect since July 1, 2013. This course will help you come up to speed in one full day. This course uses the Significant Changes to the International Fire Code workbook -2012 Edition.

### **SIGNIFICANT CHANGES TO THE 2012 INTERNATIONAL BUILDING CODE**

This course is designed to familiarize fire officials, building officials, plans examiners, and inspectors with the many significant changes in the 2012 IBC. This course will help code users find, interpret, and understand the reasons behind these important code revisions. The instructor will review each of the code changes approved by the ICC membership. He will explain proper application of these changes. This will be an extensive review designed to help students apply and defend these critical changes. The 2012 IBC is adopted State-wide and in effect since July 1, 2013. This course will help you come up to speed in one full day. This course uses the Significant Changes to the International Building Code workbook - 2012 Edition.

## **COURSE DESCRIPTIONS CONTINUED**

### **SIGNIFICANT CHANGES TO THE 2012 INTERNATIONAL RESIDENTIAL CODE**

This course is designed to familiarize fire officials, building officials, plans examiners, and inspectors with the many significant changes in the 2012 IRC. This course will help code users find, interpret, and understand the reasons behind these important code revisions. The instructor will review each of the code changes approved by the ICC membership. He will explain proper application of these changes. This will be an extensive review designed to help students apply and defend these critical changes. The 2012 IRC is adopted State-wide and in effect since July 1, 2013. This course will help you come up to speed in one full day. This course uses the Significant Changes to the International Residential Code workbook - 2012 Edition.

### **FIRE-RATED CONSTRUCTION (IBC - CHAPTER 7)**

#### **Seminar #310**

This course is an in-depth discussion of fire-resistant rated construction. It includes a review of IBC Chapters 7 and 8, and fire protection triggers in Chapter 9. The course will review the latest resources for compliance with these chapters. Proper fire-rated construction is seldom achieved without great effort on the part of the field inspector. The instructor will also discuss the many ways a fire-sprinkler system requirement might be triggered. Installation standards for fire protection systems will not be discussed in this class. This course will only address when a fire protection system might be required; not how you install or inspect a sprinkler system.

## **COURSE DESCRIPTIONS CONTINUED**

### **IBC EXTREME PLAN REVIEW & INSPECTION (Seminar #453)**

Seems to be an influx of unusually large and complex buildings coming to Utah. This class will address plan review and inspection of these unique structures. The class will focus on high rise construction, atriums, as well as how to manage plan review and inspections of very large buildings in general. The class will also teach how to monitor the special inspection process. In addition alternate designs and performance based design will be deliberated.

### **COMMERCIAL ARCHITECTURAL NONSTRUCTURAL PLAN REVIEW**

This is a one day class to help attendees formulate a systematic approach for complete plan review. This particular class will address administration, code analysis, occupancy classification, type of construction, location on property, allowable building area and height, fire & life safety, fire-resistance, fire protection, exiting, and accessibility. Each attendee will be given a sample set of plans for use in class. Existing buildings will also be addressed. A question and answer session will follow.

### **COMMERCIAL STRUCTURAL, MECHANICAL, ELECTRICAL, PLUMBING & ENERGY PLAN REVIEW**

While this class compliments the COMMERCIAL ARCHITECTURAL NONSTRUCTURAL REVIEW CLASS, this is a separate one day class to help attendees formulate a systematic approach for complete plan review of the structural building design, as well as methods for review of the Mechanical, Electrical, Plumbing, and Energy systems in a small commercial building. Each attendee will be given a sample set of plans for use in class. Existing buildings will also be addressed. A question and answer session will follow.

## **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.

### **TERRELL STRIPLING - INTERNATIONAL CODE COUNCIL STAFF**

Terrell Stripling is a seasoned ICC instructor with a 20-year career in fire service. He has a construction background as well. Terrell earned a B.S. in Fire Protection and Safety Engineering Technology from Oklahoma State University. His passion for education draws from his many years in fire prevention and code management. His theory for teaching codes is grounded in a philosophy of protecting the health, safety and welfare of people by creating better buildings and safer communities. He serves as the Department Chair at the community college level and is an adjunct professor in the Fire Science Department. Terrell was given the ICC Educator of the Year Award in 2009.

**20<sup>th</sup> ANNUAL**  
**FALL EDUCATIONAL INSTITUTE**  
**BONNEVILLE CHAPTER – ICC**  
**UTAH CULTURAL CELEBRATION CENTER – WEST VALLEY CITY**  
**NOVEMBER 6 – 7 - 8, 2013**

<b>COURSE PATH</b>	<b>NOVEMBER 6th WEDNESDAY</b>	<b>NOVEMBER 7th THURSDAY</b>	<b>NOVEMBER 8th FRIDAY</b>
<b>PLANS &amp; FIELD</b>	Commercial Architectural Nonstructural Plan Review (Part 1) Kimball Engineering	Commercial Structural & MEP Plan Review (Part 2) Kimball Engineering  *includes IBC Structural, NEC,IPC,IMC,IFGC	Solar Photovoltaic Systems Comm. & Res. Doug Smith
<b>CODE UPDATES</b>	2012 IFC Sig. Changes Scott Adams for ICC Park City Fire District	2012 IRC Sig. Changes ICC Staff – Terrell Stripling	2012 IBC Sig. Changes ICC Staff- Terrell Stripling
<b>DIVERSE TOPICS</b>	IBC Advanced Accessibility Steve Thomas Colorado Code Consulting	Fire-rated Construction – 2012 IBC Chapter 7 (Seminar #310) Steve Thomas Colorado Code Consulting	2012 IBC – Extreme Building Plan Review & Inspection Steve Thomas Colorado Code Consulting

- C.E.U. CERTIFICATES AWARDED FOR ALL CLASSES -

Persons requiring assistance due to disabilities, please contact Ed Domian (801)963-3276 by October 28, 2013 so proper accommodations may be provided.

Daily schedule - Registration: 7:30 am; AM Classes: 8:00-Noon - lunch on your own - PM Classes: 1:00-5:00; Breaks 10 am & 3pm

## **COURSE INSTRUCTORS: *CONTINUED***

### **CHRIS KIMBALL, P.E., S.E. and KIMBALL ENGINEERING STAFF**

From their Layton office Kimball Engineering provides plan review and building inspection services to many jurisdictions throughout Utah and the surrounding states. They have developed a two-day commercial plan review seminar taught by Kimball staff members. Teaching this two-day seminar will be Chris Kimball, S.E., P.E.; Todd Snider, P.E.; Mike Molyneux, P.E.; Bruce Gunn, CBO, and John Saunders, CBO. Each of these instructors maintains ICC certifications as plans examiners and building inspectors. Three are licensed as engineers through the State of Utah. Collectively they have more than 80 years of experience in the building safety industry and have taught many classes to plans examiners, building inspectors, contractors, and design professionals.

### **DOUG SMITH, COMBINATION BUILDING INSPECTOR - KAYSVILLE CITY**

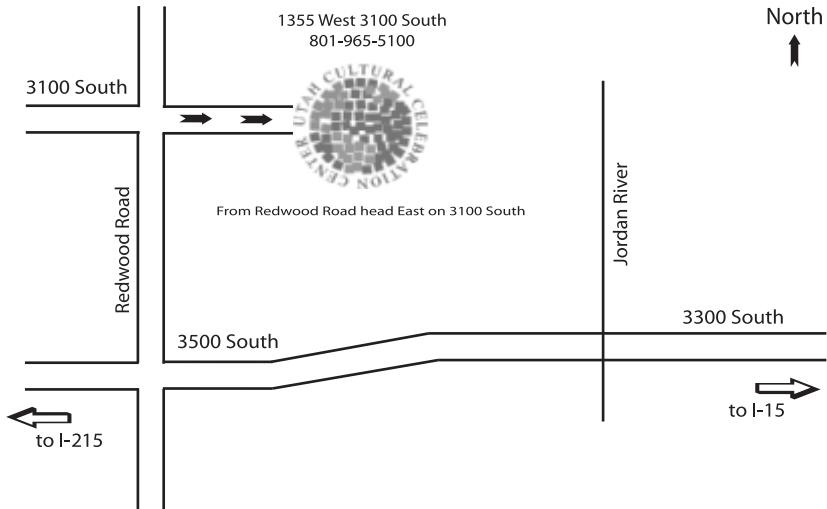
Doug Smith is a Master Code Professional currently employed by Kaysville City. Doug has a special interest in all things electrical. His knowledge of solar photovoltaic systems has been put to good use at monthly chapter meetings where he shared his expertise in formal presentations. Kaysville City has 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.

## ***COURSE INSTRUCTORS: CONTINUED***

### **SCOTT ADAMS - ASSISTANT FIRE CHIEF, PARK CITY FIRE DISTRICT**

Scott Adams holds a Bachelor of Science in Fire Protection Engineering from the University of Maryland. Chief Adams is responsible for the PC District Fire Prevention Bureau and serves as the District Fire Marshal. Scott also is currently serving on the ICC Governing Committee for the Fire Service Membership Council. He is certified as both an IFC Fire Code Inspector II, and as an IBC Building Codes Plans Examiner. Chief Adams served as Chairman for the 2002 Winter Olympics Fire Marshals Work Group. His depth of experience, his teaching style, and his knowledge base makes him a very popular IFC instructor along the Wasatch Front.

## LODGING:



# What you need to know about the Utah Cultural Celebration Center

[culturalcelebrationcenter.org](http://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  
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  
Embassy Suites WVC 801-963-4760

### Restaurants near conference site:

#### **MAVERIK CENTER AREA**

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

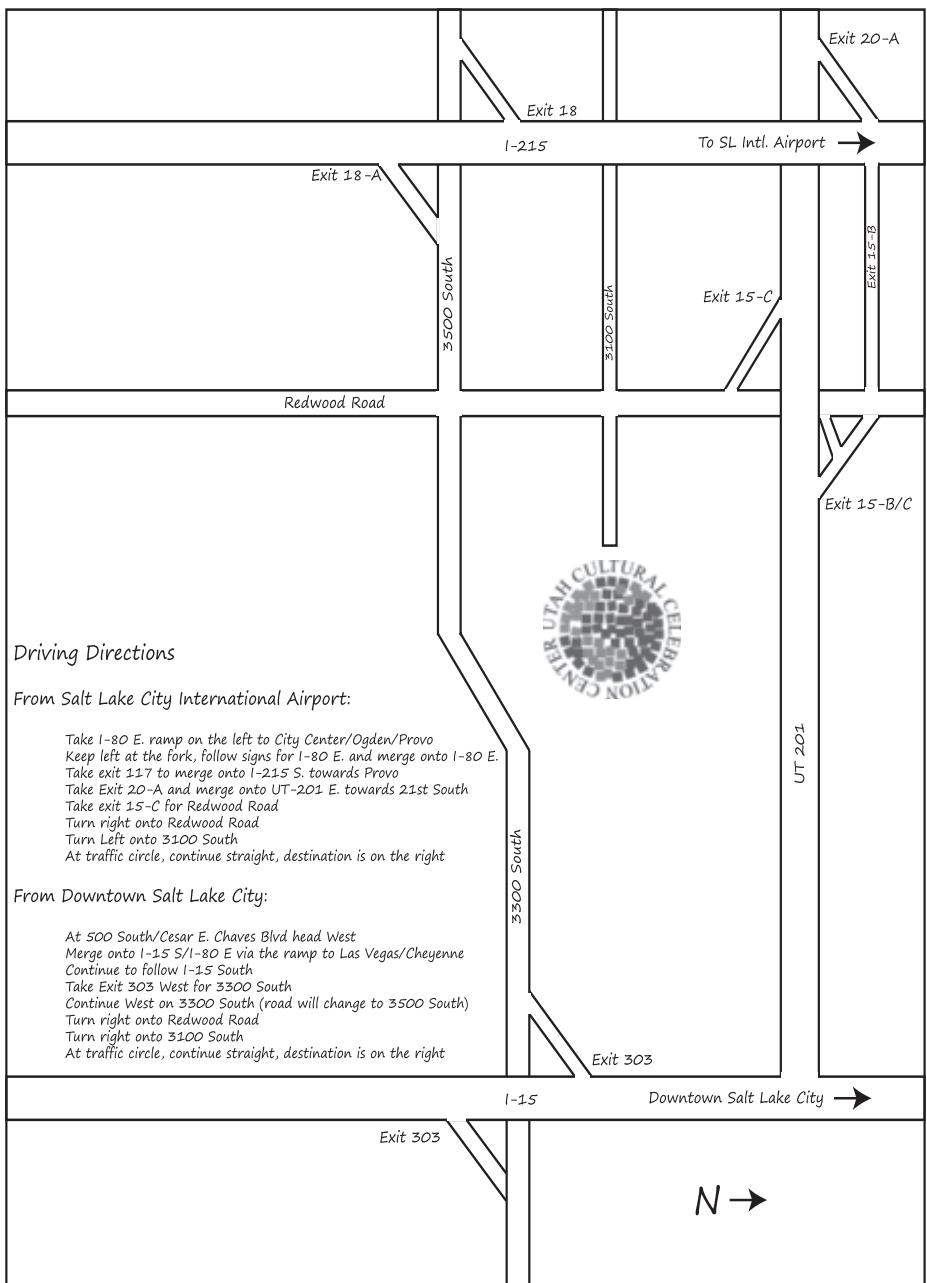
Costa Vida  
Chili's  
AppleBee's  
IHOP  
Cracker Barrel  
Bout Time Pub & Grub  
Greek Souvlaki (corner of Decker Lake & 3500 S)

#### **VALLEY FAIR MALL AREA**

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

Olive Garden\* (#1 in all USA Olive Gardens!)  
TGI Fridays  
Zupas  
Wingers  
Monster Sushi  
In N Out Burger  
Red Robin  
Jimmy John's  
Rumbi's  
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 \$10.00 processing fee per license for the State contractor reporting.** (Lunch is on your own.) **Late**

**Registration \$80.00 per day after 10/15/13.** 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.   
Pre-registration will insure you a workbook!!

20<sup>th</sup> Annual

### Fall Educational Institute

Bonneville Chapter - ICC  
Utah Cultural Celebration Center – West Valley City, Utah  
November 6 – 7 – 8, 2013

*All classes listed are full day classes*

PATH	NOVEMBER 6 WEDNESDAY	NOVEMBER 7 THURSDAY	NOVEMBER 8 FRIDAY
PLANS & FIELD	<input type="checkbox"/> COMMERCIAL ARCHITECTURAL & NONSTRUCTURAL PLAN REVIEW	<input type="checkbox"/> COMMERCIAL STRUCTURAL & M.E.P. REVIEW	<input type="checkbox"/> SOLAR PHOTOVOLTAIC SYSTEMS
CODE UPDATES	<input type="checkbox"/> 2012 IFC SIGNIFICANT CHANGES	<input type="checkbox"/> 2012 IRC SIGNIFICANT CHANGES	<input type="checkbox"/> 2012 IBC SIGNIFICANT CHANGES
DIVERSE TOPICS	<input type="checkbox"/> IBC ADVANCED ACCESSIBILITY	<input type="checkbox"/> FIRE-RATED CONSTRUCTION CHAPTER 7 – 2012 IBC	<input type="checkbox"/> EXTREME BUILDINGS – IBC REVIEW & INSPECTION

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 November 1, 2013. 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 blog!  
on the [www.wordpress.com](http://www.wordpress.com)