A long time ago in this very galaxy, an education conference was made possible in part by the state of Utah's 1% fee on building permits, The National ICC Organization and The Utah Chapter...
Welcome to the 2020 Annual Business Meeting of the Utah Chapter ICC. We would like to invite you to attend the best week in the industry for inspectors, plans examiners and Code Officials. We have many options available in training opportunities that we feel will broaden your knowledge and ability to be effective in the industry. These are the best classes money can buy!

We will have activities throughout the week for you to socialize and get to know others you can network with and enjoy the evenings after a day of training. On Tuesday night we will have a family activity that includes a celebration of your favorite Star Wars character(s). Come dressed to show off. There will be judging and prizes available for participants. I know I will be there.

Come join in the education experience, networking and fun with your family and co-hart in the industry. We look forward to seeing you again at this great opportunity.

Jason Van Ausdal

Lodging
Courtyard Marriott
185 S 1470 E
St George, UT 84790
Phone 435-986-0555
Fax 435-986-0588

Deadline for reservations is January 18th.
It is just south of the Factory Outlet Mall. The room rates are $109.00, plus 11.6% room tax per night.
When registering, use “UCCO” to get the special room rates for arrival on Monday, Feb. 17th and departing on Friday, Feb. 21st.
Rooms will likely not be available at the lower rate after the deadline.

Golf
Sunbrook Golf Course
2240 Sunbrook Dr
St George, UT

Must pre-register by February 2nd.
The annual golf tournament will be held on Monday February 17th. Tee time will begin at 11:00 AM. The cost is $65 and includes a $5 credit at the snack bar. For registration information contact Ken Martin at 801-634-2250.
Green fees will be paid at the door unless paying with registration. If you signed up but find you cannot play after February 2nd, you may still be required to pay the green fees to be able to maintain this event!

Information
For additional information, please contact:
Jason Van Ausdal at 801-489-2704 for general questions
Jason Nelson at 435-336-3121 for education questions
Karl Mott at: 435-823-6314 for financial or registration questions
Darrin Hancey at 435-563-6507 for vendor questions
CONFERENCE REGISTRATION

Name ___________________________ Jurisdiction/Organization ___________________________

Address ___________________________ DOPL License # ___________________________

Email ___________________________________________________________

PHONE # ___________________________

MONDAY FEBRUARY 17TH

Please indicate how many people we should expect for The Welcome Dinner

TUESDAY FEBRUARY 18TH

☐ IBC Administration
☐ Residential Structural Design
☐ IBC Mixed Occupancies & IBC Allowable Heights & Areas

Please indicate how many people we should expect for our theme dinner

*semi-formal for you and a guest (childcare will be provided)

WEDNESDAY FEBRUARY 19TH

☐ IBC Senior Living Facilities
☐ 2018 IECC - Commercial Energy Code
☐ Product Installation & Standard Practices

THURSDAY FEBRUARY 20TH

☐ 2018 IMC, IFGC & IPC Update
☐ IBC/IEBC, Tenant Improvement Aspects of Assembly, Business & Mercantile Occupancies
☐ 1 & 2 Family Dwelling Electrical Systems

Please indicate how many people we should expect for The Banquet Dinner

FRIDAY FEBRUARY 21ST

☐ Hands On Firewall Assembly

IF REGISTERING BY MAIL, SEND CHECKS TO:

<table>
<thead>
<tr>
<th>Category</th>
<th>Circle Applicable Fee</th>
<th>Before Jan 15th</th>
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<tr>
<td>UCICC Treasurer</td>
<td>Chapter Members</td>
<td>$300</td>
<td>$365</td>
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Make checks payable to: Utah Chapter ICC

You can also register online at www.utahicc.org
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<thead>
<tr>
<th>TIME</th>
<th>TUES FEB 18</th>
<th>WEDS FEB 19</th>
<th>THURS FEB 20</th>
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<td><strong>2018 IBC ADMINISTRATION</strong>&lt;br&gt;<strong>Steve Thomas</strong></td>
<td><strong>2018 IBC SENIOR LIVING FACILITIES</strong>&lt;br&gt;<strong>Steve Thomas</strong></td>
<td><strong>2018 IMC, IFGC &amp; IPC UPDATE</strong>&lt;br&gt;<strong>Brent Ursenbach</strong></td>
<td><strong>HANDS ON FIREWALL ASSEMBLY 1/2 DAY</strong>&lt;br&gt;<strong>Jon Roberts &amp; Tyson Long</strong></td>
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<td><strong>RESIDENTIAL STRUCTURAL DESIGN</strong>&lt;br&gt;<strong>Paul Thorley</strong></td>
<td><strong>2018 IECC</strong>&lt;br&gt;<strong>Brent Ursenbach</strong></td>
<td><strong>2018 IBC/IEBC, TENANT IMPROVEMENT ASPECT OF ASSEMBLY, BUSINESS &amp; MERCANTILE OCCUPANCIES</strong>&lt;br&gt;<strong>Steve Thomas</strong></td>
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<td><strong>2018 IBC MIXED OCCUPANCIES 1/2 DAY</strong>&lt;br&gt;<strong>Doug Thornburg</strong></td>
<td><strong>PRODUCT INSTALLATION &amp; STANDARD PRACTICES</strong>&lt;br&gt;<strong>Jason Van Ausdal</strong></td>
<td><strong>1 &amp; 2 FAMILY DWELLING ELECTRICAL SYSTEM</strong>&lt;br&gt;<strong>Chris Jensen</strong></td>
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This education conference was made possible in part by the State of Utah’s 1% fee on building permits, The National ICC Organization and the Utah Chapter.
Tuesday Feb. 18, 2020

**IBC Administration—8 hours  Steve Thomas**
This class will look at the different ways the building code is administered. Chapter 1 of the IBC will be the focus during this class with discussions on other portions of the code that relate to the administration of the code including duties of the building official, board of appeals, existing buildings and appendix chapters that relate to building code administration.

**Residential Structural Design—8 hours  Paul Thorley**
This course will cover light frame construction methods as provided in the IRC and IBC including the engineering concepts that can be used as a performance base alternative. It will cover common practices used to formulate the performance of a structure as a whole building assembly as well as individual assemblies.

**2018 IBC Mixed Occupancies—4 hours  Doug Thornburg**
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 are presented along with examples and exercises that illustrate the proper application of the provisions. Specific topics include: • Occupancy classification • Mixed occupancy conditions • Accessory occupancies • Nonseparated occupancies • Separated occupancies • Multi-story conditions

**2018 IBC Allowable Heights & Areas—4 hours  Doug Thornburg**
Based on the provisions of IBC Chapter 5, this seminar focuses on how a building’s occupancy classification and type of construction relate to the maximum building size permitted by the IBC. The approach to determining a building’s maximum allowable height and area is explained, including use of Table 503 and all related permitted increases due to sprinkler protection and frontage open space. Detailed provisions related to mezzanines and unlimited area buildings are also addressed. Specific topics include:

- Concept of limiting a building’s height and area due to occupancy and construction type
- General limitations based on Table 503
- Allowable height increases due to sprinkler protection
- Height limits of roof structures
- Mezzanine definition, benefits, area limitations and permissible openness
- Equipment platforms
- Allowable area increases due to sprinkler protection
- Allowable area increases due to open frontage
- Allowable area increases for multi-story buildings
- Concept of unlimited area building provisions
- Unlimited area building allowances

Wednesday Feb. 19, 2020

**Senior Living Facilities—8 hours  Steve Thomas**
This full day class will explore the design and review of senior living facilities under the International Building Code. The market is supporting the development of mixed use projects that include independent living facilities, assisted living facilities, memory care facilities and other associated occupancies. This seminar will discuss the inherent issues with these types of uses and application of the code provisions. The discussion will also include the interaction of the IBC and NFPA 101 Life Safety Code in these types of uses.

**2018 IECC Commercial Energy Code—8 hours  Brent Ursenbach**
This 2018 IECC commercial training session was developed for plan review and inspection staff involved in the design, construction, and enforcement of residential and commercial buildings. The training will also be relevant to the building, design, and energy consulting industry. Subjects addressed in this training include:

- General requirements including climate zones, design conditions, materials, systems, additional efficiency package options, building performance, and commissioning
• Building envelope insulation, windows, skylights, and doors
• Air sealing requirements including the continuous air barrier
• HVAC requirements for single zone unitary systems and complex mechanical systems
• Service water heating requirements including controls and piping insulation
• Lighting power, density, control requirements including daylighting, motors, escalators and elevators

**Product Installation & Standard Practices – 8 hours  Jason Van Ausdal**

This course is designed to be an interactive discussion between industry representatives, Building Officials, Plans Examiners and building inspectors and will cover the use and installation of various materials and products that can be used and how to use them correctly. Will aid in plan review and inspections and help those who are in the field determine if the products are being used as per their design and listing.

**Thursday Feb. 20, 2020**

**1 & 2 Family Dwelling Electrical Systems – 8 hours  Chris Jensen**

This course will cover the design, installation and inspection of electrical systems in new and existing one- and two-family dwellings based on the 2014 National Electrical Code® (NEC) and the 2015 International Residential Code (IRC). The course covers the subject in detail and meticulously updates the material as it pertains to the appropriate residential section(s) of the 2014 NEC and the 2015 IRC. This course covers in detail:

• general requirements
• installs and inspections of services
• personnel protection (GFCIs, AFCIs, Smoke and CO alarms, etc.)
• service grounding and bonding requirements
• cabinets, panelboards, and meter socket enclosures
• branch circuits and feeders and their wiring methods including overcurrent protection
• outlet, device, pull and junction boxes
• power and lighting distribution (general lighting circuits, small appliance branch circuits, receptacle spacing, etc.)
• requirements for luminaires, receptacles, and switches
• requirements for appliances
• fixed electric space-heating equipment
• air conditioning and heat-pump equipment
• branch circuits and feeders runs to outbuildings (accessory buildings)
• existing electrical installations and wiring

**IBC Tenant Improvement Aspects of Assembly, Business & Mercantile Occupancies – 8 hours  Steve Thomas**

Identifies IBC provisions applicable to the design and construction of tenant space improvements. The discussion addresses the three most common types of uses: business, mercantile and assembly. It emphasizes options available in the code for gaining compliance. Discussion includes occupancy separations and fire areas, type of construction features, fire-resistance-rated construction, interior finish materials, fire protection features, means of egress components and means of egress design.

**2018 IMC, IFGC & IPC Updates – 8 hours  Brent Ursenbach**

This course helps attendees to be aware of recent changes in the 2018 International Mechanical Code, International Plumbing Code and International Fuel Gas Code, including things that have been added as well as things that may have been deleted or relocated. It outlines the significant changes applicable to building inspectors and plans examiners.

**Friday Feb. 21, 2020**

**Hands On Firewall Assembly – 4 hours  Jon Roberts & Tyson Long**

This course will provide comprehensive information about fire-rated assemblies — Product and system attributes to help you identify the system that meets your project requirements for life safety, structural performance and acoustics. A hands on experience in building different types of assemblies to help aid the inspector to recognize and to know what to look for during inspections to ensure that the rated assembly is constructed correctly as per its listing.
Mr. Thomas has over thirty-five years' experience in working with building codes including plan reviews, inspections and administration. His firm provides building code consulting services for governmental agencies and architectural firms, as well as educational seminars on building codes. Starting a building code-consulting firm in 1999, he has served as the contract Building Official for local jurisdictions in Colorado. Mr. Thomas has served on several ICBO and ICC committees including serving as a member and then Chairman of the ICC Means of Egress Code Development Committee. He is also the author of the book, Building Code Basics, based on the 2009 & 2012 IBC and Building Code Essentials based on the 2015 IBC, both available from ICC. He and his firm were awarded the Educator of the Year Award by the ICC in 2018. He has presented building code classes for the last 30 years and provides an interesting and engaging look at building codes.

Paul has more than 20 years of experience in engineering. He has a wide range of engineering experience including mechanical and structural engineering. He has a Bachelor of Arts degree from Moorpark College in California as well as a Bachelor of Science degree and Master of Science degree in Mechanical Engineering from Brigham Young University. Paul is a licensed Structural Engineer in the State of Utah and a licensed Professional Engineer in the State of Idaho. Paul is a member of the Structural Engineers Association of Utah and is the committee chairman for the Structural Engineers Emergency Response committee. He has helped in establishing the requirements and procedures for structural engineers to become certified by Utah Division of Emergency Management to investigate structures after a seismic or wind event. As Founder, Paul maintains an active role in Acute's corporate responsibilities while also managing Acute Engineering's Salt Lake County relationships.

Brent Ursenbach is the Energy/Mechanical Code Specialist at West Coast Code Consultants, an ICC Certified Building Official and a LEED Accredited Professional. He's a recently retired Building Inspector from Salt Lake County. Previous experience includes a 33 year in HVAC contracting and 5 years adjunct facility at SLCC. He currently serves on several ICC Committees, ACCA Committees, and the Utah Chapter ICC Code Development Committee. He is a Past President on the RMGA (Rocky Mountain Gas Association) Board of Directors, served six years as Chair-Utah UBCC Mechanical Advisory Committee and 2019 Utah Chapter ICC Jess Miller Award Recipient. Brent has presented numerous seminars and classes on energy, mechanical and fuel gas code, as well as HVAC design principles. He received a B.S. in Sustainability Studies from U-Mass Amherst UWW. He currently provides statewide energy code training, working with the Utah Governor's Office of Energy Development Building Talks Program.
Chris Jensen was introduced to the electrical trade at an early age. He was in his early teens when he would work summers at his grandfather’s electrical contracting company hauling material, digging trenches and performing general labor. In August of 1994 he received his Journeyman electricians license and in June of 2004 he received his Master electrician’s license. From 1990 to 2005 he worked as an electrician, until May of 2005 when he changed hats and became a combination inspector for North Logan City. In January of 2014 he became a Building Official for North Logan City. In August of 2017 Chris went to work for UL as a Lead Regulatory Engineer where he remains currently employed. He has taught the electrical apprenticeship program for Bridgerland Applied Technology College, and is an active member of the Utah Chapter of the I.A.E.I and holds a position on the board. Chris has held the position of Chairman of the Electrical Advisory Committee for the State of Utah and participated on the Technical Advisory Committee for the State of Washington. Chris is a past Principal on Code Making Panel 10 for the NEC and was involved with the development of the 2014 and 2017 NEC.

Jason Van Ausdal, A licensed Commercial and Residential Inspector and Chief Building Official with Springville City, offers the industry over 18 years’ experience. An active member of several professional organizations, Jason is currently serving as a board member on the Utah Chapter Association of Electrical Inspectors and the Utah Chapter ICC. Jason has taught several classes for the Home Builders Association and Utah Plumbing and Heating Contractors Association. Jason also serves on the Electrical Advisory Committee for the State of Utah. Jason also is a certified building plans examiner and certified building official.

Lead Regulatory Engineer for a $900M+ global testing, certification, and engineering services business. Assisting code authorities develop safer, better products in the built environment within their local jurisdictions. UL provides professional services to evaluate, test and certify nearly 20,000 different products and systems annually with 22+ billion UL Marks appearing on 72,000 manufacturers’ products each year.

Tyson Long currently works as a Staff Field Engineer on the UL Field Evaluations Team and has been with UL since 1999. He is also President of the Executive Board of Directors for the Rocky Mountain Chapter of the International Association of Electrical Inspectors. Tyson supports the entire Rocky Mountain Region and conducts custom fire and electrical safety evaluations, electrical testing, and field labeling of a wide range of equipment (Fire Doors/Frames, Luminaires, Wired Cabinets, Industrial Equipment/Machinery, and may others).
Jess Miller Awards Banquet
Thursday February 20th, 2020

Past Recipients


Please join us for the prestigious Jess Miller Awards Banquet, a semi-formal banquet for you and a guest

*Childcare will be provided*