By the 40s BCE the Roman civic calendar was three months ahead of the solar calendar. Caesar, advised by the Alexandrian astronomer Sosigenes, introduced the Egyptian solar calendar, taking the length of the solar year as 365 1/4 days. The year was divided into 12 months, all of which had either 30 or 31 days except February, which contained 28 days in common (365 day) years and 29 in every fourth year (a leap year, of 366 days). Leap years repeated February 23; there was no February 29 in the Julian calendar. To align the civic and solar calendars, Caesar added days to 46 BCE, so that it contained 445 days. Because of misunderstandings, the calendar was not established in smooth operation until 8 CE.

Sosigenes had overestimated the length of the year by 11 minutes 14 seconds, and by the mid-1500s the cumulative effect of this error had shifted the dates of the seasons by about 10 days from Caesar’s time. Pope Gregory XIII’s reform (see Gregorian calendar), proclaimed in 1582, restored the calendar to the seasonal dates of 325 CE, an adjustment of 10 days. The Julian calendar has gradually been abandoned since 1582 in favour of the Gregorian calendar. Great Britain changed to the Gregorian calendar in 1752. Some Eastern Orthodox churches continue to use the Julian calendar for determining fixed liturgical dates; others have used the Revised Julian calendar, which closely resembles the Gregorian calendar, since 1923 for such dates. Nearly all Eastern Orthodox churches use the Julian calendar to establish the dates of movable feasts such as Easter.

The current discrepancy between the Julian and Gregorian calendars is 13 days. However, the difference will become 14 days in 2100.
Wow! 2019 has come and gone and what a year it has been. We saw a politically charged national office with the impeachment of Donald Trump from the House and who knows where it will go from there. We saw the DOW reach all time highs in markets that where thought to never be reached. Donald Trump visited with the usually closed relations with Kim Jung Un from North Korea (Dennis Rodman got there first mind you), we saw rioting in Hong Kong, college tuition scandals (no surprise there) and many other firsts for the world that were quite astounding. I had a few first-time experiences of my own even at my old age. They are not as great as some of the afore mentioned items but for a simpleton I will take them. That is the nice thing about life—the unexpected. After 20 plus years as an agent of the building codes I find that I have forgotten as much code as I have probably learned. I have had the opportunity to mentor a brand new inspector and brought on another relatively new inspector as staff this year. The value of new employees goes without question. The early morning discussions about code before they hit the road can be quite beneficial. I did not get many mornings like this with a veteran squad as they “already knew everything” type comfort was established. The only time I found having discussions were if we were missing something regularly and it had become in issue.

Why do I bring this discussion up? I have come to realize that even though I thought I was mostly done learning the codes I have found that I was lacking on my knowledge. Or found that I may not have known the code as good as I thought. This has been a great benefit to me to revisit the code book to answer the questions with my staff instead of just recall what I thought the code is. This has given me a better understanding of what I was requiring and has even shown me that some of the items had changed since I had last looked. I remember doing a plan review not too long ago and was going to add a code reference, this was a code that I rarely had to write up for correction. The plan had shown an inch and a half drain waste pipe running about 100 feet over to pick up a service sink. This was to be underground. Back in the day (UPC times) this would have been a violation. This was part of the plumbing exam and this was also something a couple of uncles of mine would quiz me on (them being plumbers by trade). So naturally I wrote down the correction on the review and went to add the code section for reference. I went to the IPC and searched and searched and continued to search. After some extent of time and frustration, I finally found a copy of the Uniform Plumbing Code to find what section it was under for reference. It was not hard to find and again went back to the International Plumbing Code. It was not there. Having enforced this code for almost 19 years I felt bad that I was not up to speed. The interesting thing is the plumbers still are getting taught this as well. They were not aware that had changed or was no longer a requirement. As an apprentice- tradesmen most of their code training occurs in those first few years.
Due to this, most tradesmen rely on code professionals for their schooling and training after they are licensed. I have a brother-in-law that had been pursuing an architectural degree. He admitted that he only remembered having one class on actual building codes. They too rely on self-learning or being taught about code items from the code officials. This seems a little backwards but unfortunately this is the reality that we live in today. This is why it is important of us to understand what the codes are and what they mean. Training, mentoring, networking and right out study of the code is essential. If there are ways the Utah Chapter can help in this please let us know.

We are here to support you as code officials in any capacity we can and ease the stress that often times follows us unsolicited.

With this I hope you have an eventful 2020 and that you find ways to experience things in a new light or for the first time. Most importantly do not be afraid to learn new stuff. There is plenty out there up for grabs and who knows it might make your job easier.

Jason Van Ausdal
President - Utah Chapter

Mayan Aztec Calendar

The Aztecs of ancient Mexico measured time with a sophisticated and interconnected triple calendar system which adhered to movements of the celestial bodies, provided a comprehensive list of important religious festivals and sacred dates and gave each day a unique combination of a name and a number. In addition, both individual days and periods of days were given their own gods, highlighting the Aztec view that time and daily life was inseparable from religious beliefs. The date, every 52 years, when the calendar coincided exactly was regarded as particularly significant and auspicious.

The artist carved the Aztec calendar stone in 1479. Naturally, it was dedicated to the sun god. It was a massive carving, 3 feet thick, almost 12 feet across, and weighing almost 25 tones (22.5 tonnes). It was carved from basalt - a solidified lava, this being an area where volcano’s were common. But then it was lost - buried under the central square of Mexico City - for over 300 years. Then, in 1790, renovations began on the central square (Zocalo) of Mexico City. On December 17th, the massive carving was unearthed, renewing interest in Mexico’s ancient cultures. It was the Aztec calendar stone, or, more properly, the Cuauhxicalli Eagle Bowl.
The new year looks to be at least as busy as 2019.

I would like to extend an invitation to everyone to serve and be a proactive member of the Utah Chapter of ICC. Currently UCICC has divided the State into eight regions and we need three regional coordinators. One for Salt Lake and Tooele Counties, one for Summit and Wasatch Counties, and one for Beaver, Iron, Garfield, Kane, Piute, Wayne, and Washington Counties.

If you are wondering what a regional coordinator does, they are typically the ones who help unify the various jurisdictions in their respective regions. This is done by setting up short monthly training, and/or uniformity meetings, and bring concerns or ideas from the area to the board of directors. They also can host one luncheon or dinner per year for all chapter members in their region.

Another opportunity to serve the Utah Chapter of ICC is by participation on the education committee. This committee helps decide the training courses that UCICC will provide for the year. Members also serve at the training by helping set up the training facility, manning the registration table, and help set up for breaks during the training.

So, what are the advantages of serving as a regional coordinator or an education committee member, especially when we are all as busy as we are? Networking. Networking is never going to be a disadvantage to you or your employer. Knowing your counterparts in other jurisdictions on a personal and professional level opens many new resources to you.

As a regional coordinator or education committee member you can directly influence the training provided. With new products being introduced in the construction industry; as a regional coordinator you can get manufacturer representatives to meet and show you and the UCICC members in your region the product, how it works, and how to inspect it. They will usually provide product data and a contact for support putting you and your region members on the cutting edge of technology, or sometimes it can be a reminder of products that you see every day.

I don't know how many of you have ever heard these words from a contractor, "you are the only one in the entire State that requires that." With an active regional coordinator, you now can take this concern to a region meeting and hopefully create some uniformity. Again, networking will never be a disadvantage to you. I have a great respect for the people I work with on the UCICC board as well as the people I have met while serving on the UCICC board. This knowledge has helped me in my career and can help you too.

Jason Nelson
Utah Chapter - Board Member
This training takes a ground-up approach to all trades and common deficiencies found in residential and small commercial projects. This is based on the 2015 IRC and the 2018 IBC provisions. We will cover ground work to final inspection challenges so that you are “in the know” and can appropriately identify code violations and facilitate solutions.

Tuesday 21st
Webinar is offered Tuesday, 21st
or
Wednesday 22nd
SANDY CITY HALL
10000 Centennial Parkway Sandy, UT
(Multi-purpose room 3rd floor)
Sign in: 7:30 am - 8:00am

Breaks are provided
**Lunch is on your own**
Material: 2015 IRC 2018 IBC
Seminar Fee:
Before January 1st $50.00
After January 1st $60.00
Attendees: Building Officials, Plans Examiners,
Building Inspectors, Engineers, Industry Professionals,
and Permit Technicians.

Register online at www.utahicc.org; click on the training tab

Please register 4 weeks prior to class
Due to changes in the State 1% funding, if there are not enough attendees registered by January 1st, the class may be cancelled.
If registering by mail, send checks to:
UCICC Treasurer, C/O Duchesne County, P.O. Box 307, Duchesne, Utah 84021-0317
(Make checks payable to UTAH CHAPTER ICC)
Registration form, if registering by mail:
Date Attending: □ Tuesday, January 21st] Wednesday, January 22nd
Name:
Jurisdiction/Company:
Mailing Address:
City, ST Zip:
Phone #: 
Email:
Webinar Location: □ Vernal City □ St. George □ Moab □ Park City

Utah Chapter ICC
2020
ANNUAL
BUSINESS
MEETING
& EDUCATION CONFERENCE
FEBRUARY 17TH - 21ST, 2020
CONFERENCE REGISTRATION

NAME

JURISDICTION/ORGANIZATION

ADDRESS

DOPL LICENSE #

EMAIL

PHONE #

MONDAY FEBRUARY 17TH

□ IBC ADMINISTRATION
□ RESIDENTIAL STRUCTURAL DESIGN
□ IBC MIXED OCCUPANCIES & IBC ALLOWABLE HEIGHTS & AREAS

TUESDAY FEBRUARY 18TH

□ PLEASE INDICATE HOW MANY PEOPLE WE SHOULD EXPECT FOR THE WELCOME DINNER

□ IBC SENIOR LIVING FACILITIES
□ 2018 IECC - COMMERCIAL ENERGY CODE
□ PRODUCT INSTALLATION & STANDARD PRACTICES

TUESDAY 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

*SEMIFORMAL FOR YOU AND A GUEST (CHILD CARE WILL BE PROVIDED)

THURSDAY FEBRUARY 21ST

□ HANDS ON FIREWALL ASSEMBLY

IF REGISTERING BY MAIL, SEND CHECKS TO:

UCICC TREASURER
C/O DUCHESNE COUNTY
P.O. BOX 317
DUCHESNE, UT 84021-0317

CIRCLE APPLICABLE FEE

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MAKE CHECKS PAYABLE TO: UTAH CHAPTER ICC

You can also register online at www.utahicc.org
### January 2020

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**Annual Business Meeting & Education Conference**
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