



**Safety to Life
Through Code
Enforcement**

COCCO

North Carolina Council of Code Officials

Sustainability and Building Codes...and... Sustainability and Building Code Officials

By Dan Dockery

Building Codes exist because at some point in time our society decided that it was important to protect the health, safety and welfare of people in the built environment. I think we can agree that's a fairly important part of our duty as Building Safety Officials in North Carolina. But times change, the world we live in is rapidly evolving. Attitudes, lifestyles, commitments, community knowledge, they're all becoming more "me"-centric, with less focus on outcome and results, and more attention to "how does what I'm doing now make me feel about myself", and in the worst cases "how much can I profit from this". We have forgotten that we also share responsibility for others welfare in the future. We have become a very short-sighted society, and it shows in our approach to "our" business, the business of building safety, and code enforcement. What would we think if someone told us that the current building practices in place, and the codes that regulate those practices are actually based on ideas that are so outdated we are setting ourselves up to fail in our mission of public safety?

Let's look at things from a slightly different perspective. In the year 2000 buildings consumed over 40% of the raw resources and materials in the global economy. Buildings accounted for over 25% of the world's harvest of timber, 60% of its energy usage and 18% of its water use. In the last half of the 20th century the level of CO2 in our atmosphere increased over 25%, and one quarter of that came from burning fossil fuels to heat and cool buildings. Building codes have evolved with the building "business" to promote higher levels of technology, more processed materials, and a more defined, profit driven, cookie-cutter assembly line model. These models by their very nature, their disregard for anything except short-term profits, are guaranteed to destroy the idea that quality is important in people's lives; and also this model guarantees the total loss of sustainability that communities, cities, societies require to exist. Building Codes ignore where materials and resources come from, whether they can be reused or repurposed, the environmental impact of acquiring raw materials, the costs of transport before and after the manufacturing process, and the waste and disposal impacts of leftover materials. The issues that surround the use of our earth's valuable resources are absent from building codes.

Each of you who read this letter are, in fact, a part of this system; a very valuable part. The codes could not serve their purpose if it weren't for the Building Safety Official, the designer, the conscientious builder.....WE, are what make the codes effective. We share the accumulated community knowledge, the lifestyles, the positive attitudes and the commitment to use that knowledge and understanding to make our world a better place. But we can't afford to be "me"-centric,

we can't afford to dwell on how what we do makes us feel about ourselves. This is our world and we have to be willing to ask ourselves daily, if what we're doing is in the best interests of our family, our friends, our communities...our world, and is it sustainable.

I urge each of you to study the Energy Codes, the Existing Building Codes, alternative methods, sustainable construction practices using indigenous materials and methods, embodied energy, and promote the reuse of existing buildings by making yourself an expert in the study of the value and benefits of sustainable building practices and energy efficiency. It's our business to be a benefit to our world. Your great-great grandkids are going to thank you for it every time they take a breath.

You notice that the title also said Sustainability and Building Code Officials. I want to talk about that a little bit too. How are you doing, personally? How's your energy level, what gets you through the day? Energy isn't just being depleted rapidly in the external world, it's also being sucked right out of our internal selves. The pace of our business, our workloads, our stress levels...they're all at an unsustainable level. There's no time to regroup, refocus and renew our spiritual selves, and I'm not talking about religion (even though I'm sure mine needs a booster shot about twice a day), I'm talking about our essence; the things that make us happy, that encourage us, that satisfy our need for believing that we make a professional and positive difference in our communities, in our families, in our own lives.

We talk often about building our skills; our knowledge, our vision and our future. We can't do any of that if we are energy depleted. Good work habits and good management habits have to involve gathering your resources, focusing your vision, creating an inspired environment and then finding a sustainable way to create capacity to achieve your goals. It doesn't matter how knowledgeable, skilled, inspired or committed you are, if you can't sustain your own energy you won't be successful. And remember you also can't succeed just by adding more hours to the workday. Time is definitely a finite, non-sustainable resource. Rest, relax, renew and refocus. Know what's critical and what can wait. Communicate effectively and build partnerships with people who help sustain you. Don't waste your own personal resources; too much depends on you being at the top of your game.

And we can't talk about building capacity and sustainability in our personal world if we don't recognize that our physical selves have a definite beginning and ending date. However, our good ideas, our impact, our benefit to our communities don't have to end with us. We are builders of sorts ourselves. Builders of communities... communities of knowledge, communities of service excellence, communities of goodwill, and communities of like-minded professionals. We have to focus some of our energy towards making sure that the people who replace us as Building Safety Officials aren't "me"-centric. We have to make sure that they view their world as a place where their "actions" have as much or more impact than their "intent". A lot

is changing; don't think for a moment that you can't be a positive influence in that change. Reach out to other professionals in your workplace, reach out to your customers and your partners, reach out to your community leaders and remember just how important you can be in shaping the landscape of sustainability and energy in both your external and internal environments. Reach inward and ask yourself, "Am I doing what's best for my family, my friends, my community, my world, my future and all those in it?" This will be a

huge and never-ending story, and we want you to be a part of it. The best to you and your families this season of caring and sharing. Don't forget to simply love one another! And remember, the story won't be nearly as interesting if we don't hear your part of it. Let's all talk about it.

*Your humble Building Inspector,
Dan*



News from the NC Plumbing Inspectors Association

The Officers and Directors met for the first time this business year on October 13, 2016. Following are some of the actions taken:

- Establishment of a Pay-Pal account. This will soon be linked to our website.
- Celebration of our 60th Annual Meeting which will be held at Kitty Hawk, NC from Sunday June 11 thru Wednesday June 14, 2017.
- Revision of our district map based upon County property lines. This will soon be published on our website.
- And the formation of Committees as listed below. If you are interested in joining a committee, please drop a message to any Officer or to the link on our website. Committees are as follows:
 - Qualification Board Advisory Committee
 - Door Prize Committee
 - Membership / Vendor Committee
 - By-Laws Committee
 - Hospitality Committee
 - Publicity and Awards Committee
 - Education Committee
 - Scholarship Committee
 - Council of Code Officials (COCO)
 - Nominating Committee
 - Code Development Committee

The purpose and responsibilities of these committees will be posted on the website, see below. Please take a moment and volunteer for the committees of your interest. Once appointed, you will be notified.

On a separate note, the Officers, Directors, and I are seeking input on locations to hold upcoming annual conferences. For the most part, the coast, and particularly Kitty Hawk, has been the best attended. But this does not preclude other sites. With COCO being held in 2018, the next available annual conference date would be in 2019. In order to keep our reservation with Hilton Garden Inn in Kitty Hawk for 2017, this location had to be reserved a year in advance and each year it gets earlier and earlier. So please keep this in mind. The time to choose the 2019 annual conference will be here quickly.

Also please feel free to reach out to the Code Development Committee currently served by NCPIA members Jeff Breedlove of the City of Wilson (East), Phil Rice of the Town of Cary (Central), and Steven Botelho of the City of Asheville (West) to express any changes to the Plumbing Code that you feel needs support of the membership. More information available on website.

For further information visit our website at www.ncpia.us or contact any Officer or Director.

Thank you everyone for continuing to support the NCPIA. The Officers and Directors look forward to serving you and promoting consistency in code enforcement across the State.

*Stanley Dills,
President 2016 -2017*



News from the NC Ellis Cannady Chapter, IAEI

Presidential Views

Greetings from your incoming 2016-2017 Chapter president.

My name is Pat Griffith Rose and I am very grateful to have the opportunity to serve as your President of the NC Ellis Cannady Chapter of the IAEI. I was elected President of the NC Ellis Cannady Chapter at the 87th Annual Mtg. in Atlantic Beach, NC. As many of you now know, the Board of Directors moved our meeting from November to August. The idea behind adjusting the date of our meeting is to hold it at a time that would be family friendly and attract more members with families to attend. The August 13-16 meeting was well attended and received. So mark your calendars for next year's meeting.

As your new President, I would like to take this time to share a little bit about me. I live in Reidsville, originally from Charlotte. I am married to Frankie Rose; we have 6 "children" and at last count 23 grandchildren. My husband has been supportive of me in every way and since he is retired from the electrical industry and an electrician, he is now available for all my questions, including the electrical ones.

I have been in the electrical field for almost 40 years; I initially started as an electrician's helper at a manufactured home facility. Later, I went to work again as a helper in an industrial facility. I loved electrical work so naturally I followed the next step; I went into an electrical apprenticeship program. During this time, I worked for a variety of companies and while an apprentice I won the NC State Fair Apprenticeship contest, one of the highlights of my life. I have been employed by the City of Greensboro for 27 years as an electrical inspector. Four years ago I succeeded Mickey Shuskey with a promotion to Chief Electrical Inspector of the City of Greensboro.

I originally joined IAEI in the late eighties but I dropped my membership after a couple of years, which I will always regret. I have been a continuous member for the past 11 plus years and do not regret this in any way. Through the years, one of the many benefits of being a member is gaining and developing so many friendships. If I have a question or concern all I have to do is pick up the phone to get assistance from some of the most intelligent and inform people I know. This leads me to feel as an inspector, contractor or anyone else in the electrical industry the highest priority of joining the IAEI is: Networking!

The following is a portion of my acceptance speech from August but I feel strongly that it bears repeating:

Networking: the exchange of information or services among individuals, groups, or institutions; specifically: The cultivation of productive relationships for business.

The NC Chapter of IAEI was established in 1929. This organization is 87 years old. One of our own Mr. Curtis Kennedy became an Inspector member in 1949. Our newest member is Mr. Terry M. Rearic, (Inspector member). We have a wide variety of members, inspectors, contractors, testing labs, manufacturers, etc. The members of NC IAEI have been influential through the years for the NEC and the development of electrical safety. IAEI members provide assistance to each other and whoever else would seek out

assistance in the electrical industry: Be it, the contractor, the builder, the government, or the homeowner.

This is what this association is about, but we as members seem to have forgotten what a resource we are to each other and should be to new members.

The life's blood of this organization is its members! Vince Lombardi once said **"The achievements of an organization are the results of the combined effort of each individual."**

But you must remember a few things:

Ellis Cannady is not primarily a fraternal organization; it is an organization for the promotion of electrical safety. Yes, we make friends and enjoy the activities which we should. BUT, do not forget what our purpose is. Electrical Safety. Safety that benefits your family, your friends, your neighbors and all the citizens of NC. The Electrical Code and Inspectors are under attack. There are other groups who are banding together to make changes in the laws and rules that negatively impact our trade and they are recruiting members as they support what they believe in. Our organization is only as good as our members and what we put into it. I am not talking about money or a lot of time just a commitment to reach out to other members once or twice a month or just when needed. Let that member know you are there for questions, discussion, whatever but that this is a network of experienced, knowledgeable individuals and when you have a question or a concern, reach out to other members. Just think of the knowledge that is out there just for the asking. Take advantage of it.

And while you are at it...recruit members. Our strength comes from knowledge and numbers.

In closing, I want to first say thank you so very much for this honor and leave you with the following thought:

Membership is falling off, members don't renew...

I have some questions for you, the member — Just answer to yourself:

- Who approached you about joining Ellis Cannady when you became a member?
- When did you last talk to someone about the IAEI?

Moving forward, anything I can do to help you in any way as President, please contact me.

I look forward to serving you as the 47th President of the NC Ellis Cannady Chapter of the IAEI for the year 2016-2017.

*Thank you,
Pat Griffith Rose*

Ellis Cannady Membership & Southern Section Chairperson
International Association of Electrical Inspectors
336.373.2459 | pat.rose@greensboro-nc.gov
aka

Pat Griffith Rose, Chief Electrical Inspector
Engineering/Inspections|City of Greensboro
Phone: 336-373-2459; Fax: 336-373-4349
PO Box 3136, Greensboro, NC 27401-3136

Industry Events

One Day Continuing Education Workshop

November 21, 2016

Western Piedmont Community College

Foothills Higher Education Center

2128 South Sterling Street

Morganton, NC 28655

Phone: (828) 438-6104

One Day Continuing Education Workshop

December 1, 2016

Wayne Community College

Continuing Education Office Building

Walnut Room 104

3000 Wayne Memorial Drive

Goldboro, NC 27534

Phone: (919) 735-5151

One Day Continuing Education Workshop

December 15, 2016

City of Asheboro

Public Works Facility

1312 N. Fayetteville Street

Asheboro, NC 27203

Phone: (336) 626-1234

One Day Continuing Education Workshop

January 12, 2017

Martin Community College

Building 1 Room 14

1161 Kehukee Park Road

Williamston, NC 27892

Phone: 252-792-1521

One Day Continuing Education Workshop

January 26, 2017

Replacements Ltd.

1089 Knox Rd.

McLeansville, NC 27301

Phone: (336) 697-3000

See our website for more information: www.nciae.org. (Meetings page).

Fall Safety Tips

4 Rules for Electrical Safety After a Flood

This post was originally published on October 30, 2012, in the aftermath of Superstorm Sandy. Popular Mechanics Magazine, Roy Berendsohn.

Everybody's in a hurry to get things back to normal after a disaster, but when it comes to electrical safety, it pays to step back and carefully evaluate things before moving ahead with any work. If your house has been severely damaged by floodwaters, here are some pointers to help keep you safe:

1. Never go into a flood-damaged basement or a basement filled with water until the utility company, fire department, or a licensed electrician has removed the home's electrical meter from its socket.

Why: Removing the meter from the socket is the only way the house

can be completely disconnected from the grid. Even if you've lost power, you can still be electrocuted in a flooded basement if someone is running a generator nearby and back-feeding electricity into a storm damaged grid. You can't count on a storm-damaged circuit breaker or disconnect switch to protect you. The only safe way is to remove the meter.

2. Once the building is pumped out and you begin recovery efforts, keep in mind that all flooded electrical equipment is almost certainly ruined.

Why: Very few things in a house are rated to survive submersion, even briefly. The following will almost certainly need to be replaced:

Plastic-sheathed building wire (often referred to by the trade name Romex)

Armored cable (often referred to by the trade name BX)

Circuit panels and circuit breakers

Fuse boxes and fuses

Sub panels

Switched disconnect boxes

Switches

Outlet receptacles

Motors

Circuit boards

Non-submersible pumps

Blowers and fans

Lights

Heaters

Air conditioners

Furnaces

Boilers

A licensed air conditioning or a heating/cooling contractor can advise you whether your heating or cooling equipment can be salvaged. It depends upon the type of equipment, the depth of the floodwaters, and the duration of submersion. Many people try to salvage appliances such as dehumidifiers, refrigerators, and freezers that have been in flooded basements. Some do go on to live a post-flood life, but it's risky: They can be extremely dangerous to operate after they've been flooded.

3. Pay increased attention to grounding and bonding, and after the flood ask an electrician to conduct a thorough survey the system.

Why: There are two aspects to every home's electrical system: the parts designed to carry electrical current during normal operation, and the parts designed to carry current safely to ground should something go wrong. The latter is known as the home's grounding and bonding system and it can be severely damaged by floodwaters. Only a licensed electrician is equipped and trained to evaluate the damage.

All metal components of a home's electrical system should be carefully and replaced if necessary. For example, metal electrical boxes that have been submerged may rust and the rust on the box prevents an adequate connection to the home's grounding system.

4. Even after the building is fully disconnected from the grid, never go into a flooded building alone. Put on chest waders, and bring a bright flashlight that clips to your hat or your waders so you don't have to carry it. But most importantly, have someone standing by in case you need help.

Why: Flooded buildings are dark, slippery, and disorienting. It's easy to get hurt or even drown in one. Trust me. As a volunteer, I once went into a flood-damaged basement and stepped into an uncovered sump pit, finding myself in water up to my chin. I freed myself from that, only to step into a second uncovered pit.

Continuing Education with NC IAEI

Our Continuing Education classes around the State continue to be successful for our Inspectors and Contractors. Since these classes are in several locations, it makes classroom learning more practical,

avoiding the need to travel far and stay in a hotel room. Thanks again to Al Parris, and all our talented and dedicated instructors! Look for more dates coming soon.

Jobs – please submit job postings

We continue to post new positions available and send a special announcement to our mailing list. Some of these postings have resulted in jobs for our members! To submit openings please go to our website www.nciaei.org.

On Our Website

Remember to check the NC IAEI website regularly! We are making continuous improvements and always have great information on the NEC, on Continuing Education class schedules, code interpretations, important documents and exciting technology news.



News from the NC Fire Marshal's Association

The NCFMA is offering its Fall 2016 continuing education classes with three workshops held in Winterville, Durham, and Conover. This year there are two classes being taught at each of the locations. The first class is being taught by Marvin Weather, Wake Forest and focuses on Chapter 7 of the North Carolina Building Code, Fire Resistance Rated Construction. The second class is being taught by Charlie Johnson, Wake County

Fire Marshal and focuses on Chapter 27 of the North Carolina Fire Code and Sections 414 and 415 of the North Carolina Building Code. More information can be found on the NCFMA website, http://www.ncfma.com/training__education1.

Please join us at our next meeting on November 17, 2016 at 1:00 P.M at the Guil-Rand Fire Department Station 20. Their address is 10506 S. Main St., Archdale, NC 27263



News from the Mechanical Inspectors Association

NORTH CAROLINA MECHANICAL INSPECTORS ASSOCIATION MEMBERSHIP APPLICATION AND DUES NOTICE ANNUAL FEES 2016-2017

This is a notice to renew your membership or to join the North Carolina Mechanical Inspectors' Association. The objectives of the Association are as follows:

- (1) Cooperate in the formulation of the North Carolina Mechanical Code Standards.
- (2) Promote uniform understanding and application of the North Carolina Mechanical and Gas Codes.
- (3) Secure and promote uniform administrative ordinances and inspection methods.
- (4) Represent the mechanical inspector in all matters in furthering development of the North Carolina Code and the mechanical industry.
- (5) Promote closer cooperation between inspectors, inspection departments, fire departments, the mechanical industry and the public.
- (6) Promote and improve the standard of the profession of Mechanical Inspectors.

The Association offers memberships to City or County Inspection Departments which includes all Mechanical Inspectors, State Officials, and also Associate Memberships for individuals interested in the Mechanical industry who are not employed as a Mechanical Inspector. Please put an X beside the type of membership you are requesting and return this form to the address below:

Please note the fee schedule below. Active Membership – July 1, 2016 – June 30, 2017

(NOTE: Dues amount includes membership for all Mechanical Inspectors in the Jurisdiction. Scholarships will not be awarded for applicants whose dues are not paid at time of application.)

City or County Inspection Department:

ACTIVE MEMBERSHIP (Fee Based on Population)

(Mechanical Inspectors and Inspectors of Governmental Departments)

Check One	Population of Jurisdiction:	Annual Dues
_____	0-50,000	\$50.00
_____	>50,000-150,000	\$75.00
_____	>150,000	\$100.00
_____	Associate Membership	\$50.00
_____	North Carolina State Officials	\$50.00

Please complete the enclosed form & return along with your check for membership for 2016-2017.

NAME OF JURISDICTION: (Please print or type) _____

Date: _____ CONTACT PERSON w/TITLE _____

MAILING ADDRESS _____

CITY _____ STATE _____ ZIP _____

TELEPHONE NUMBER _____

E-Mail Address: _____

Make check payable to NC Mechanical Inspectors Association

MAIL CHECK TO: REBECCA LATHAM

NC MECHANICAL INSPECTORS ASSOCIATION

1202 MAIL SERVICE CENTER, RALEIGH, NC 27699-1202

Questions: 919-661-5880 x260

AMOUNT ENCLOSED

\$ _____.



News from the NC Building Inspectors Association

Integrity, as the 2016 Presidential elections come to a close Integrity seems to be a character that was lacking in many candidates.

Merriam-Websters Dictionary defines Integrity as

- firm adherence to a code of especially moral or artistic values (incorruptibility)
- an unimpaired condition (soundness)
- the quality or state of being complete or undivided (completeness)

As we perform our daily duties, working with others within the construction industry lets be known at the end of each day by our ability to maintain our integrity and not by the lack of it.



Our education Committee has worked hard to provide another year of Winter Code Seminars. With locations in Greenville, Aberdeen, and Hickory, and new this year, by popular demand will be an individual training day for building only in Cary. This new day and new location will help to relieve the pressure on the limited seating at the Aberdeen location.

Mark Matheny
NCBIA

2017 NCBIA WINTER CODE SEMINARS

Greenville, NC

January 25-28, 2016

City Hotel & Bistro, (252) 355-8300, (877) 271-2616
203 West Greenville Boulevard, Greenville, NC 27834
www.ihg.com/holidayinn/hotels/us/en/greenville/pgvhi/hoteldetail
\$89.00 + Tax – Single/Double Reservations must be made by 12/25/16.

Directions:

From Raleigh:

Take 264 East to Wilson, N.C. and then to Greenville. Coming into Greenville city limits, turn right at the 2nd stoplight onto 264 Alternate (also called Allen Road). Hotel is 5 miles from the turn on the right.

From New Bern:

Take 17 North to Vanceboro, N.C. In Vanceboro, take 43 East to Greenville. At the 3rd stoplight coming into Greenville (Plaza Mall is on your left), turn left onto Greenville Boulevard. Hotel is approximately 2 miles on the left.

From North/South of North Carolina:

Take Interstate 95 to Wilson, N.C. In Wilson, take 264 East to Greenville. Coming into Greenville city limits, turn right at the 2nd stoplight onto 264 Alternate (also Allen Road). Hotel is 5 miles from the turn on the right.

Cary, NC (One day, 6 hours Building ONLY)

February 14, 2017

Herb Young Community Center 101 Wilkinson Ave. Cary, NC

Directions: Interstate 40 to Cary. Take the NC-54 exit (#290). Turn onto NC54/Chapel Hill Rd toward Cary. Drive approx.. 2 1/4 miles then turn left onto N. Academy St. Take the first left onto Wilkinson Ave.

Aberdeen, NC

February 20-23, 2017

Hampton Inn & Suites, (910) 693-4330, (800) Hampton 426-7866
<http://hamptoninn.hilton.com/en/hp/groups/personalized/S/SNPNCHX-BIA-20150221/index.jhtml?GroupCode:BIA>
\$91.00 + Tax – Standard Room; \$93.00 + Tax – Studio Suite Reservations must be made by 2/1/17.

Directions: From North take US Highway 1 South to Aberdeen. Turn right onto US Highway 15-501 at light. Hotel is 1/4 mile on the left behind Starbuck's Coffee.

Hickory, NC

March 27-30, 2017

Crowne Plaza, (828) 323-1000, (877) 2Crowne 227-6963
1385 Lenoir-Rhyne Boulevard, SE, Hickory, NC 28602
www.ihg.com/crowneplaza/hotels/us/en/hickory/hcknc/hoteldetail
\$91.00 + Tax – Single/Double
Reservations must be made by 3/15/17.

Directions: I-40 W exit 125 turn left then left again at the 2nd traffic light. I-40 E exit 125 then bare right at light hotel on left.

Greenville, Aberdeen & Hickory sessions:

Each day will include 6-CE hours for a specific trade. Monday – Building; Tuesday – Mechanical; Wednesday – Plumbing; Thursday – Electrical.

Certificates are also available for 6-CE hours in Fire for attendees who are present for the courses noted as [F] on the first 3-days.

Cary session:

Certificates for session in Cary are for 6 –CE hours in Building.

NCBIA Winter Code Seminar 2017

Monday, 1/23, 2/20, 3/27

7:00 a.m. – 8:00 a.m.
8:00 a.m. – 9:45 a.m.

9:45 a.m. – 10:00 a.m.
10:00 a.m. – 11:45 a.m.

11:45 a.m. – 12:45 p.m.
12:45 p.m. – 2:30 p.m.

2:30 p.m. – 2:45 p.m.
2:45 p.m. – 4:30 p.m.

Building – Topics & Speakers

Registration
Building Plan Review
Mark Matheny, City of Asheville
Break
Alternate Methods and Materials
Jeff Vernon, Mecklenburg County
Lunch
Question and Answer
Rick Zamani, Stokes County
Break
[F] Firestopping and Penetrations
Jeff Cheek, 3M

Tuesday, 1/24, 2/21, 3/28

7:30 a.m. – 8:00 a.m.
8:00 a.m. – 9:45 a.m.

9:45 a.m. – 10:00 a.m.
10:00 a.m. – 11:45 a.m.

11:45 a.m. – 12:45 p.m.
12:45 p.m. – 2:30 p.m.

2:30 p.m. – 2:45 p.m.
2:45 p.m. – 4:30 p.m.

Mechanical – Topics & Speakers

Registration
Mechanical Plan Review
Tommy Rowland, Mecklenburg County
Break
High Efficiency Gas Appliances
Reggie Hucks, City of High Point
Lunch
Question and Answer
Rick Zamani, Stokes County
Break
[F] Dampers and Detectors
Ruskin & Reggie Hucks, City of High Point

Wednesday, 1/25, 2/22, 3/29

7:30 a.m. – 8:00 a.m.
8:00 a.m. – 9:45 a.m.

9:45 a.m. – 10:00 a.m.
10:00 a.m. – 11:45 a.m.

11:45 a.m. – 12:45 p.m.
12:45 p.m. – 2:30 p.m.

2:30 p.m. – 2:45 p.m.
2:45 p.m. – 4:30 p.m.

Plumbing – Topics & Speakers

Registration
Plumbing Plan Review
Bill Moeller, NCDOT & James Rhodes, Winston Salem
Break
Modifications, Alternate Methods and Materials
Bill Moeller, NCDOT & James Rhodes, Winston Salem
Lunch
Question and Answer
Rick Zamani, Stokes County
Break
[F] Fire Safety During Constr. & Demolition [CS3548]
Colin Trimming, Mecklenburg County

Thursday, 1/26, 2/23, 3/30

7:30 a.m. – 8:00 a.m.
8:00 a.m. – 9:45 a.m.

9:45 a.m. – 10:00 a.m.
10:00 a.m. – 11:45 a.m.

11:45 a.m. – 12:45 p.m.
12:45 p.m. – 2:30 p.m.

Electrical – Topics & Speakers

Registration
Electrical Plan Review
Dennis Bordeaux
Break
NEC Handbook
Brian Sieck/Mark Tighe, City of Winston Salem
Lunch
Question and Answer
Rick Zamani, Stokes County

Tuesday, 2/14

8:00 a.m. – 9:00 a.m.
9:00 a.m. – 10:45 a.m.

10:45 a.m. – 11:00 a.m.
11:00 a.m. – 12:45 a.m.

12:45 a.m. – 1:45 p.m.
1:45 p.m. – 3:30 p.m.

Building – Topics & Speakers

Registration
Building Plan Review
Mark Matheny, City of Asheville
Break
Alternate Methods and Materials
Jeff Vernon, Mecklenburg County
Lunch
Question and Answer
Rick Zamani, Stokes County

NORTH CAROLINA BUILDING INSPECTORS ASSOCIATION

EDUCATION SEMINARS—2017

Please Check One!

Seminar 1: _____ City Hotel Et Bistro, Greenville, NC – January 23-26

Seminar 2: _____ Herb Young Community Center, Cary, NC – February 14

Seminar 3: _____ Hampton Inn, Aberdeen, NC – February 20-23

Seminar 4: _____ Crowne Plaza, Hickory, NC – March 27-30

Name: _____ Title: _____

Jurisdiction or Company: _____

Street Address: _____

City: _____ State: _____ Zip: _____

E-Mail: _____ Phone: (_____) _____ - _____

If you are unable to attend all four days, you may register for individual days.

Please check the day(s) that you wish to attend! Or check "All 4 Days"!

	CODE		Q-BOARD ID # _____
	OFFICIALS		CE Certificate provided
	or Members	Non-Members	at the end of each day
Monday	\$ 65.00 _____	\$130.00 _____	Building*
Tuesday	\$ 65.00 _____	\$130.00 _____	Mechanical*
Wednesday	\$ 65.00 _____	\$130.00 _____	Plumbing*
Thursday	\$ 65.00 _____	\$130.00 _____	Electrical
All 4 Days	\$ 260.00 _____	\$520.00 _____	
Tuesday	\$ 65.00 _____	\$130.00 _____	Building**

* - 2-hours of Fire credit provided with the Monday thru Wednesday certificate.

** - Only available for the February 14 seminar.

Please pre-register and submit payment by 2-weeks prior to the seminar. A late fee of \$65 will be charged for day of seminar registration. Seating is limited to 150. Break and lunch included.

- No Refunds. You may transfer your registration to someone else.
- NCBIA is an Approved Sponsor for the NC Board of Architecture.
- NCBIA is an ICC Preferred Provider.
- Complete a separate registration form for each attendee.

Please submit this form and a check payable to the NCBIA to:

North Carolina Department of Insurance

Office of State Fire Marshal

Rebecca Latham

1202 MSC

Raleigh, NC 27699-1202

Registration fees may be charged to Visa or MasterCard by providing the following:

Card #: _____ / _____ / _____ / _____

Expiration Date: _____ / _____ Signature: _____

Registration confirmations will not be sent. Please contact Rebecca Latham @ rebecca.latham@ncdoi.gov or (919) 647-0013 if you need to verify registration.

North Carolina Code Officials Qualification Board (NCCOQB)

NCDOT/OSFM Engineering and Codes Division, Qualification Assurance Section Staff

MISSION STATEMENT:

PROTECT LIVES AND PROPERTY THROUGH CODE COMPLIANCE

Mike Hejduk

This quarterly column takes a slightly different, condensed format since I requested the "back page" for a special message. It occurred to me that an important element of North Carolina's Code Official certification program may go largely unnoticed just because it works so well.

NC General Statute § 143-151.13A Professional Development Program for Officials requires continuing education (CE) courses to be approved by the Board. Fall is the time in the annual certification cycle when Board-approved education sponsors and instructor submit courses to our Education Coordinator, Jessica Yelverton, who in turn assigns these courses to the State's Chief Code Consultants for review and approval.

For FY 2015-2016, of the 204 courses submitted, 183 were approved, 18 were denied and 3 were incomplete. Total CE hours approved for each Trade were: 267 Building; 241 Fire; 195 Electrical; 99 Plumbing, and; 92 Mechanical representing 894 hours of education! To date, FY 2016-2017 CE course submittals total 66 of which 52 have already been approved. Total CE hours approved for each Trade so far are: 70 Building; 53 Fire; 33 Electrical; 46 Plumbing, and; 35 Mechanical representing 237 hours of education. Clearly, sufficient CE is being created and approved for inspectors to meet their 6-hour minimum required for renewal as well as those seeking to reactivate certifications where 12 hours of CE is required.

I recently had the privilege of previewing slides for this year's new 7 C's for Inspectors course. This material is a result of a collaborative effort intended to address "soft skills" directly related to State Building Code inspection, administration and enforcement common to all inspectors regardless of the Trade or Level of certificate held. This course will be offered in a classroom seminar/workshop format and provide 6 hours credit in any one Trade.

The stated purpose of the professional development requirements is to assist code officials in maintaining "competence" in their enforcement of the Code and to assure the health, safety, and welfare of the citizens of North Carolina. The 7 C's course achieves this purpose by also addressing important legislative and agency changes to statutes and rules.

The majority of Board-approved courses noted above have been classroom style which may add travel time and expense to the overall cost of (or investment in) CE. While the five inspector associations comprising COCO routinely offer CE workshops across the state each year, not all inspectors are able to attend these events due to workload or budget restrictions. While some of the larger municipal jurisdictions offer in-house CE seating may be limited. As a result, our many rural AHJs may still find it difficult to attain CE credit in a cost effective and efficient manner without impacting customer service. Fortunately, there are an increasing number of online options. Please use the Code Education Resources web page for information on all scheduled CE and Standard Courses.

In addition to Student Evaluation forms provided by Education Sponsors, Code Officials are encouraged to provide feedback on ALL courses using this link: [Education Programs Survey](#)

Information on COQB meeting schedules, agendas and minutes may be found through the NCDOT web site at www.ncdot.com. Select the "OFFICE OF STATE FIRE MARSHAL" drop down, "ENGINEERING AND CODES", then Code Officials Qualification Board. Please contact Customer Service Rep. Rodney Daughtry via email rodney.daughtry@ncdot.gov or call staff through our new main phone number (919) 647-0000 if you have questions, comments or concerns regarding any aspect of the COQB certification program.