



**Safety to Life  
Through Code  
Enforcement**

# COCO

**North Carolina Council of Code Officials**

## FAREWELL

*Tim Bradley, Assistant State Fire Marshal*

I've been writing quarterly articles for the COCO Newsletter for over a decade, and even though it takes time to develop an idea and put it to words, it's been a labor of love. Beyond that, if you can get any group of people to listen to what you have to say for any reason, even if intermittently, it's probably worth the effort. I have 59 articles I've written just for the COCO Newsletter saved on my computer, and I'm sure I missed one or two saved in another location. I thank each of you who may have taken time to read any of them, and hope that you got as much out of reading them and I did writing them. (I would like to add that I haven't received any honorarium or payment for writing them, but to insure complete disclosure, Mary Higgins did on occasion bring me a Smithfield's Barbeque Sandwich with slaw, and Jean Williams usually brings me some coconut candy from the hardware store in Harnett County for Christmas.)

As some of you may have heard, I'll be retiring from the Office of State Fire Marshal (DOI) July 1st, and someone else will be tasked with putting together the article. After 28 and a half years with the State, I'm undertaking a new adventure as Executive Director of the North Carolina State Firemen's Association. In that regards, I won't be far away and will still be involved in several things that bring me close to the code and built world. In that regards, this is less of a "Farewell" than it is a change of venue notification.

Did you know where the term "Farewell" came from? It actually dates back to the 12th century and was first considered a greeting as in; "I hope you are doing well or I hope you fare well today". Now most dictionaries describe it as: goodbye; parting; valedictory; good wishes at parting; departure; a party given to someone about to embark on a journey (this wasn't a hint); or a speech given at leaving. Given my situation, and the fact that I'm not exactly leaving, I'll use the term in the sense that I hope each of you fare well in your endeavors.

I was thinking the other day how lucky I am, and have been, to have a job I enjoyed and felt gratification from. I've also been extremely fortunate in the opportunities it has afforded me, such as writing these articles. These are some of the things that make leaving so hard. I can sit for hours and think of all the wonderful people I've met, worked with, argued with, and succeeded with. That all has to do with the fact that I've worked in an industry of service to the public, and with people who put service above profit and people above accomplishment. If I looked back three or four decades ago to when I started my adult working life, I think it would be easy to offer a young person some advice that I would have appreciated at that age. First, your job and the work you do is going to occupy a large part of your life, and the best way to be satisfied

with yourself is to do what you believe is great work. Perhaps the best way to do great work is to love what you do. If you haven't found it yet, keep looking. As with all matters of the heart, you'll know when you find it. And, like any great relationship, it just gets better and better as the years roll on. So keep looking until you find it. Don't settle to simply work for a salary and earn for retirement. You'll want to look back on your career with a sense of accomplishment, not simply a sense of "it's over with". Ralph Waldo Emerson provided this example of success: *"To laugh often and much; to win the respect of intelligent people and the affection of children; to earn the appreciation of honest critics and endure the betrayal of false friends; to appreciate beauty, to find the best in others; to leave the world a bit better, whether by a healthy child, a garden patch or a redeemed social condition; to know even one life has breathed easier because you lived. This is to have succeeded."*

Another piece of advice I would have given myself is to spend more effort trying to do what is right, than trying to keep everyone happy. If a person seeks to please God and do what is right, most people will be pleased with them even if they disagree with them. As Bill Cosby said, *"I don't know the key to success, but the key to failure is trying to please everybody."* You should listen to as many people as you can, consider the issue in respect to whose counsel you trust, and always seek to stay on the path which has the most principles. God is the best counsel for that.

I can look back and remember some tough times. In the office, being the boss often made you unpopular, and in the field and public, being viewed as the one tied to a decision meant someone wasn't going to like you, even if you were just the messenger. Those tough times, however, would pale in comparison to the times when I knew doing what was right saved lives, helped people advance and prosper, and built our field for the future. I'm sure I never made everyone happy, but I'm equally certain I did at least a few. I'll leave you with a quote from President Theodore Roosevelt I had taped to my mail basket and would pull out on occasion when times got tough; *"It is not the critic who counts; not the man who points out how the strong man stumbles, or where the doer of deeds could have done them better. The credit belongs to the man who is actually in the arena, whose face is marred by dust and sweat and blood, who strives valiantly; who errs and comes short again and again; because there is not effort without error and shortcomings; but who does actually strive to do the deed; who knows the great enthusiasm, the great devotion, who spends himself in a worthy cause, who at the best knows in the end the triumph of high achievement and who at the worst, if he fails, at least he fails while daring greatly. So that his place shall never be with those cold and timid souls who know neither victory nor defeat."*

God Bless each of you for what you do, and many thanks for the times and friendships we had.

P.S. My new e-mail address after July 1st will be [Tim@ncsfa.com](mailto:Tim@ncsfa.com). Please record it and keep in touch.



# News from the NC Ellis Cannady Chapter, IAEI

## Residential Views

"New Work" using "Old Codes". I don't know how you feel about it, but it just doesn't sound right to me. For those of you who are not aware, North Carolina now has a new law on the books G.S. 143-138(d) effective July 1, 2013 which basically states that the North Carolina State Building Codes for One and Two family dwellings will go from its previous three year cycle to a six year cycle. How will this affect the Contractor, the developer, the home owner, or the Code Official? Will this save the Contactor money? Will it cost the homeowner more for insurance? Will it cost the Local Municipalities more for insurance? Is it possible that this change in the way we do business could stimulate the economy, or will it have a negative impact? When the Consumer moves to North Carolina and buys a new house will it be up-to-date, constructed with the latest, greatest building materials on the market? Will the home's wiring, the light fixtures, the HVAC, the plumbing, consist of what our market has to offer in the way of energy efficiencies, and the newest technology? How will the Designers, Engineers, and Architects incorporate the latest product on the market when NC may be 3 to 6 years from adopting a code that regulates or allows the use of that product in the design or building of a house?

As a Code Official, it is my sworn duty to apply the NC Building Codes to the projects that I am inspecting. More specifically as an Electrical Inspector I can apply the 2008 NEC as well as the 2011 NEC to the project I am inspecting. One does not provide a safer environment or installation than the other, however that is not the issue. The issue is that the codes are progressive to feedback from the industry. We could write a volume of books as to what it takes to develop the codes, all the data from all the different aspects of the building industry, coming together to establish the rules and regulation that we call building codes. But let us not forget the #1 objective of what we do as Code Officials and that is to make sure that minimum code is applied to all aspects of the buildings we inspect in the interest of life and property protection.

North Carolina has always adopted the latest version of the NEC, not only kept up with but stayed on top of what our industry had to offer. It is sad to see our Residential Codes fall behind in the Code Cycle. Please stand with me, in opposing the NC Commercial Building Codes from going to a six year cycle. It appears this will be on the agenda of The Building Code Council in September. So now I ask, how do you feel about "NEW WORK" using "OLD CODES"?

Thank You,

John West, Chapter President  
Mecklenburg County Building Standards Department  
700 North Tryon, Charlotte, NC  
John.West@mecklenburgcountync.gov  
704-432-4647

## Industry Events

### NCAEC Apprenticeship Contest

September 27, 2013  
Greensboro Coliseum Pavilion Building  
1921 W. Lee St. Greensboro, NC

### IAEI Southern Section Convention & Tradeshow

October 6-9, 2013  
Hilton Wilmington Riverside  
Wilmington, NC  
*Make your hotel reservation Now – Hotel will be booked for Riverfest*

### State Apprenticeship Contest

October 16, 2013  
NC State Fairgrounds  
*See our website for more information and directions & maps:  
[www.nciaei.org](http://www.nciaei.org). (Meetings page).*

## NCIAEI Electronic Newsletter

Our newsletter continues to be our main form of communication to our members. In addition to our quarterly newsletters, we have continued to send out special announcements for Continuing Education classes and job available. Join our mailing list – go to [www.nciaei.org](http://www.nciaei.org) (Contact us page).

## Behind the Scenes:

The Ellis Cannady Chapter owes a special thanks to Robbie Brooks. Robbie is a past president of the NC IAEI, and has continued his involvement in many ways. Most notably, Robbie has been the lead organizer for our IAEI Southern Section meeting October 6-9 in Wilmington. The last time we hosted this event was in 2004, and Robbie was again at the forefront of organizing and delegating all the tasks involved with an event of this type. Thanks again Robbie for all you do!

## New Faces and Places:

Cabarrus County has hired two inspectors for electrical and mechanical inspections: Jackie Bost and Terry Cauble.

Jackie was the owner of Jackie Bost electric and worked for Cabarrus County previously. When the crash of 2008 happened he had to be moved to general services. During his time there he saved the Cabarrus county a considerable amount of funds by doing a great deal of the work in house instead of having to hire the electrical contractors to come in to do it. Terry Cauble was another one of our inspectors that was displaced and moved to general services by the economic downturn.

Terry Cauble was the owner of his own electrical company as well and worked for us some time before the 2008 slow down. At that time he and Jackie opened themselves to be transferred to general services and taking on the projects given to them in this de-

partment. Both Terry and Jackie were involved in many jobs that involved energy saving initiatives set forth by the county. A couple of the projects that they were involved in were replacing the old high bay lighting in the Cabarrus arena with T 8 fixtures as well as retro fitting the lights in the government center, library's and the cooperative extension center with energy saving ballast and bulbs. These two guys have saved the county a considerable amount of money on energy savings and labor. We are thankful that Cabarrus County was kind enough to find them other positions instead of laying them off. Both Terry and Jackie had to go back through the hiring process to become inspectors again, and Cabarrus County is very glad to have them back.

### **Mecklenburg County.**

Angela Miller has retired from Mecklenburg County Code Enforcement. Angela began with the County in 1990. She started as an Electrical Inspector and after 17 years of excellent service was promoted to Assistant Electrical Chief. Angela's contributions to our successes on a daily basis will be sorely missed and we wish her the best in her future endeavors.

Gerald Barnes has been promoted to South Team Inspection Supervisor with Mecklenburg County Code Enforcement. Gerald has been with the department for over 17 years serving as Electrical CEO, Multi trade Trainer, and Lead Electrical Inspector. Gerald's extensive experience over his 38 years in the industry brings us a much needed asset to our department and we are glad to have him as a team leader. Congratulations Gerald.

David Rains has been promoted to North Team Inspection Supervisor with Mecklenburg County Code Enforcement. David has 33 years experience in our industry, 5 years as a CEO with Mecklenburg County and extensive experience as a project manager and supervisor. Congratulations David.

Gail Craig has Joined Mecklenburg County Code Enforcement as an Commercial Electrical Plans Examiner as of May 29, 2013. Gail has over 25 years experience in electrical design, construction and inspection for a diverse range of renovation and new building construction projects with a primary focus in the health care industry. Received Bachelor of Science Degree in Electrical Engineering from North Carolina State University. Professional Licensure and certifications: North Carolina Registered Professional Engineer #18459; National Council of Examiners for Engineering and Surveying #11185; NC COQB Electrical Inspector Level III #P-22264; National Certified Investigator/Inspector Training (NCIT) Basic Program: Council on Licensure, Enforcement and Regulation (CLEAR); US Green Building Council LEED Accredited Professional. Other professional organizations include: International Association of Electrical Inspectors; National Society of Professional Engineers/Professional Engineers of North Carolina; National Fire Protection Association; North Carolina Healthcare Engineers Association of the American Society for Healthcare Engineers of the American Hospital Association; U. S. Green Building Council.

### **Legislation**

Here is a list of ratified Legislative that are now on the law books.

- H120 Building Codes Et Inspections – Effective July 1, 2013
- S148 Exempt CSST Tubing from Electrical Contracting License – Effective April 24, 2013
- S430 Exempt Utility Load Control Devices from Permits and Inspections – Effective May 30, 2013
- S468 One Permit and One Fee Requirement – Effective July 1, 2013
- S545 Master Meter – Electrical and Natural Gas – Effective June 19, 2013
- HB 761 – Exempt Well Contractors from Electrical Contracting Licensing Requirement (Pending)

The full text of these laws are available on our website – check our "Newsletter" page and follow the links.

### **Jobs – please submit job posting**

Mecklenburg County Code Enforcement has several openings for employment due to changes in staffing and new positions. Please review these opportunities at -<http://charmeck.org/mecklenburg/county/HR/Pages/ApplyOnline.aspx>

Our job postings and newsletter announcements are paying off. At least one jurisdiction has reported a successful hire of an inspector who received our e-mail job available notification. If you're looking for a job, check our jobs page at [www.nciae.org](http://www.nciae.org). If you need to hire an inspector, electrician or other industry electrical professional, please contact us and we will post and announce your available job immediately.

### **2013 Meeting – Southern Section, Education meeting in October 2013**

The NC Ellis Cannady Chapter will be hosting the IAEI Southern Section meeting in October 6-9, 2013 at the Wilmington Riverside Hilton. This meeting will include inspectors, contractors, manufacturers and others from across the Southeast. Online Registration is now open, go to [www.iaei.org/southern](http://www.iaei.org/southern), or to our chapter website [www.nciae.org](http://www.nciae.org). Look for the "Register Now" link. Make your hotel reservations early – our convention starts right after Riverfest, so rooms might not be available closer to the event. We look forward to seeing you in October!

### **Product Safety**

Here are some excuses and responses when non-certified equipment is identified and rejected.

"I've been selling this equipment for years and it's the first time I've heard of this". Sometimes this is true, many times we suspect it's not. However, this is so common that it does reveal that enforcement is extremely inconsistent. A good comeback for this is to ask where specifically the equipment was installed. This question from an Inspector can be very revealing – Usually the distributor or manufacturer cannot or will not provide a list of installation sites.

"What? The (electrical product) I sold is rejected? The manufacturer told me it was made to high quality safe engineering

standards". Distributors get caught in the middle of this, and usually don't have the profit margin to pay for 3rd part inspections. In this case, they need some good information to help convince the manufacturer to pursue actual certification. In almost every case, testing laboratories uncover that these claims are false, sometimes intentionally, but many times only because the manufacturer did not design the product according to the correct product Standard (e.g. UL, NFPA, ANSI). Many times this causes the distributor to lose the sale, sometimes they convince their manufacturer to pay the cost for a field evaluation.

"My equipment is CE Marked and that is always accepted by Inspectors". Many in the electrical industry understand that CE process is "Self declaration", only legal for the European Union. In the US, the third party system includes assurance that the product is actually designed and tested to the Standard, and unannounced factory visits periodically confirm this. Testing laboratories estimate that about 90% of CE Marked products fail in North American testing laboratories. The reason? Actual evaluation and testing to the product Standard was not done. If you get this response, try asking where the main office for CE marking is located (It does not exist).

The bottom line is this: If Inspectors, Contractors, Engineers and equipment buyers are not asking about product certification it helps to make our case for electrical safety of products. If this equipment is not identified and questioned, manufacturers are using this inaction as an excuse to sell and install potentially unsafe equipment.

## Safety Reminder

With hurricane season upon us, it's time to consider generator safety. Please pass this information on to those considering using a portable generator.

Portable generators are a great when the power suddenly goes out in your home. It may be from an ice storm, tornado, or hurricane. If you are prepared for these severe storms, you'll likely have the lights back on in no time at all. Portable generators can safely power all or part of your home's power needs if you simply follow a few safety do's and don'ts.

### Do's

- Always store your portable generator in a dry, clean area that is easy to get to. When the lights go out, you don't want to trip over things to get the power going.
- Set the generator outside or vent the exhaust outside to prevent carbon monoxide from entering the home.

- Attach a ground wire to the generator to assure proper grounding. Without proper grounding, the ungrounded system may use you for the ground rod and you could be electrocuted.
- Use fresh gasoline when possible. If the generator is likely to sit long periods of time before being run again, use a gasoline stabilizer.
- Start your generator at least once a month and let it run for a few minutes. If yours has a battery, trickle charge the battery from time to time to ensure it is ready to go.
- Check cords that are to be plugged into the generator for frays and exposed wires.
- Use a transfer switch to connect the generator to your home's electrical panel.

### Don'ts

- Run the generator in an attached garage. It will still allow fumes to penetrate the home. Keep it away from the home's windows and doors also.
- Use frayed or defective extension cords.
- Run the generator in the rain or snow. Keep it in a shed, under an overhang, or a portable shelter if possible.
- Add gasoline to a generator that is running. Always shut off the generator and let it cool down before refilling it.

## Continuing Education with NC IAEI

Our one day workshops for 2012-2013 are complete, and were a great success once again. These classes covered Aged Wiring, Basic Electrical Calculations and Laws and Rules of the NC Board of Examiners of Electrical Contractors. The classes are designed to cover the significant requirements for electrical installations and inspections aged wiring, and also cover basic calculations as they relate to daily inspections.

Thanks to all those who attended the 2012-2013 classes, and a special thanks to our instructors. Visit our chapter website for updates on continuing education. Remember the importance of contact hours, and the great benefit students receive with a live instructor and classroom interaction.

## On Our Website

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

Go to our website for an electronic version of this newsletter. [www.nciae.org](http://www.nciae.org).



## News from the Mechanical Inspectors Association

All workshops are complete for this year. The workshops went very well. We had a great annual meeting at the Shell Island Resort in July. Everyone seemed to enjoy the stay and the meetings and classes went

well. Thanks to all that participated in the annual meeting this year.

All Associations, please remember that the Quadrennial Meeting (COCO) will be next year. The meeting will be held at the Hilton Wilmington Riverside, August 2 thru August 5, 2014. Please put this on your calendars and save the date. More information will be coming soon.



## News from the NC Fire Marshal's Association

The NC Fire Marshal's Association held its second quarter meeting on April 15, 2013 in Wilmington NC. This meeting was in conjunction with the NC Fire Prevention School held annually at Ft. Fisher.

The NC Fire Marshal's Association held its third quarter meeting on August 7, 2013 at the Raleigh Convention Center in conjunction with the NC Fireman's Association South Atlantic Fire Expo.

NCFMA shared a booth with the NC Fire and Life Safety Educator Association at the conference.

NCFMA shirts were available for viewing and challenge coins were available for purchase. Shirts and other items of clothing will be available for purchase on our website (NCFMA.com) beginning in May.

NCFMA successfully held continuing education workshops in Conover, Durham and Rocky Mount in March and April. Approximately 250 code officials attended all three workshops. The six hour class covered sprinkler system design and was taught by Steve Berry, Assistant Fire Marshal for the city of Raleigh. This is the first of three classes to be taught by Steve. Fall 2013 classes will cover field inspections for new sprinkler installations and spring 2014 classes will cover NFPA 25 inspections.

The classes will be offered free to our membership as well as to trade inspectors who are members of their respective associations.

NCFMA recently awarded three scholarships to children whose parents are members of the association. James Pruitt son of Dale Pruitt with the Town of Wake Forest Inspections Department, Zachary Gentry son of Durham County Deputy Fire Marsh John Gentry and Rachel Southerland daughter of Duplin County Fire Marshal Reid Southerland were all recipients of a \$1500.00 scholarship. Congratulations to all three recipients.

Board member Dale Coffey has retired from the Town of Newton Fire Department effective August 1, 2013 and Chaplain Greg Floyd has retired from the City of Gastonia Fire Department effective August 1, 2013. Thanks to both members for all of the hard work you have given to the association over the years and we wish you both a happy retirement.

The next meeting will be held on November 19, 2013 at the Guilford County Emergency Services office.

For more NCFMA news please visit our web site at [NCFMA.com](http://NCFMA.com).

*—Submitted by Richard Strickland, Secretary*

# North Carolina Code Officials Qualification Board

## Quarterly Board Meeting

The quarterly meeting of the NC Code Officials Qualification Board was held at 1:00 PM on April 23, 2013 at 322 Chapanoke Road in Raleigh, NC. The next quarterly meeting is scheduled for August 27, 2013 at 1:00 PM. A meeting of the Board's Education Committee is also scheduled for that morning at 9:00 AM in the same location. Any schedule changes as well as the agenda for each quarterly meeting can be found on our website at [www.ncdoi.com](http://www.ncdoi.com).

## New Board Members

There have been several membership changes on the Qualifications Board. At the April Board meeting, the Board welcomed Taher Abu-Lebdeh, PhD, PE, who joins as a representative of North Carolina A & T State University. Dr. Abu-Lebdeh is an associate professor in the Department of Civil, Architectural, and Environmental Engineering.

At the July Board meeting, the Board will be joined by two new members:

Stephen Terry, PhD, PE, who joins as a representative of North Carolina State University. Dr. Terry is an associate professor in the Department of Mechanical and Aerospace Engineering.

Harry Schrum, who was appointed by the Speaker of the House of Representatives and the NC Legislature. Mr. Schrum is a licensed electrical contractor from Alexander County.

## Presentation of Fifth Standard Level III Certificates

Mr. David Edward Stoudt received his fifth Standard Level III certificate at the April Board meeting, in the Fire trade. Mr. Stoudt currently works for the Onslow County Building Inspections Department, and is the 220th inspector to earn this achievement.

## RENEWALS ARE DONE!

**Suspension notices have been emailed out.** Please take a minute now to visit the new Qualifications Board on-line system at <https://apps.ncdoi.net/f?p=114:1:0> While you are there, you can check on the status of your certificates and on any communications that we may have sent to you. If you have forgotten your log-in or password, email staff at [QBoard.Support@ncdoi.gov](mailto:QBoard.Support@ncdoi.gov).

If there is any error in your certificate status, please contact staff. It is important that the database be current, as Board Rule 11 NCAC 08 .0709 states, in part:

*"Any person who fails to renew a certificate for a period of two consecutive years shall take and pass the same examination as unlicensed applicants for that type and level of certificate before that person shall be allowed to renew the certificate."*

**Do not let your certificate sit in a suspended status in order to avoid having to retest.** If you are not employed, or are employed but not using a particular certificate, the proper status is inactive – NOT suspended.

## 2012 Administrative Code – General Statutes

PLEASE NOTE: The 2012 Administrative Code and Policies book does not contain the reprints of the General Statutes that previous editions contained, however, this material is still included on all exams. You must print these Statutes yourself and bring them to the exam. They must be bound in some manner – stapled or hole-punched and inserted into a binder. To help you with this, staff has prepared a page of links to the current Statutes so that you can easily find and print them. Please visit: <http://www.ncdoi.com/OSFM/Engineering/COQB/Documents/Links%20to%20General%20Statutes%20for%20CEOs.pdf>

You can check with staff if you have any questions – you can also sign up for the newsletter (link below) to be sure you get updates on this topic as well as other important information from the department.

## Keeping Up With Codes

The Engineering Division produces a free e-newsletter you might be interested in. The articles pertain to code interpretations, research on construction methods and materials, status updates on code changes, news from the Q-Board, etc.

To subscribe go to [http://www.ncdoi.com/OSFM/Engineering/engineering\\_home.asp](http://www.ncdoi.com/OSFM/Engineering/engineering_home.asp) and click on the red box on the right that says "Sign up for Email Updates".

## Continuing Education

### Continuing Education Course Schedule

Please visit <https://apps.ncdoi.net/f?p=114:505%20> to view our new interactive listing of currently scheduled continuing education and standard courses. This tool allows course sponsors to advertise courses approved by the Board to CEOs across the state. Since the tool's implementation, the listing of course offerings continues to grow thus making it easier for inspectors to find courses that are new, varied, and also pertinent to their particular jurisdiction as they seek to fulfill their continuing education requirements each year. Courses are sortable by technical area and format.

Please keep in mind that courses may still require advance registration and may be limited in size based on available space or instructor requirements. Contact information is provided with each listing so that you may inquire about attending, well in advance of the class date. **BE SURE TO REGISTER IF YOU PLAN TO ATTEND A STANDARD CLASS!** Many community colleges require a certain minimum number of students per course or else it will be cancelled. And the decision to cancel is usually made a few days in advance, so don't count on being able to just "show up" at a class.

### Continuing Education Report

The cumbersome statewide Continuing Education Report has been replaced with our new on-line system. The advantage of this system is that it is "live", meaning that the course will appear on your credit list as soon as the instructor or sponsor enters the course roster. You will receive an email reporting that you have now received

credit (or that credit has been denied for some reason). Hopefully, this will allow you to keep track of your credits continually instead of trying to correct any errors at renewal time – make sure the email address we have for you is current so you'll get these notifications!

If you do not see your credits or if there is a discrepancy, you should start by contacting your instructor or sponsor. If the issue cannot be resolved with your course provider, please contact staff to assist with resolution. Our new system prevents many of the errors that used to be fairly routine on rosters, but it is not foolproof. You must keep track of your credits. Please allow up to two weeks after completing a course for your credits to appear – this is the time allotted to the sponsors to enter a roster by Board rule.

Please make sure your CE Instructor or Coordinator provides a Certificate of Completion for each continuing education course you complete. This is your only proof of attendance and may be the only way to document course credit if there is a discrepancy on your Continuing Education Report. The CE Instructor or Coordinator is required to provide this documentation. If you are having difficulty obtaining this information or if you have any questions concerning the continuing education program or the application of continuing education credit hours, please contact the staff if at 919-661-5880.

#### Staff and E-mail Addresses

E-mail addresses for the Board's staff are as follows:  
(for general assistance, please email [QBoard.Support@ncdoi.gov](mailto:QBoard.Support@ncdoi.gov))

Samantha Ewens, PE, Director  
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#### Current Standard Inspection Courses

Please visit <https://apps.ncdoi.net/f?p=114:505%20> to view our new interactive listing of currently scheduled continuing education and standard courses. Contact information is listed with the scheduled courses. If you do not find a course that you need, you can contact the Community Colleges (listed below) regarding their upcoming schedule.

Because of the accelerated nature and the concentrated time frame in which the Standard Code courses are offered, students should be aware that the Standard Code courses are not elementary and will require intense study to successfully complete the classes. Those enrolled need to be thoroughly familiar with the codes. Therefore, it is recommended that students purchase their copies of the codes well in advance of the class and assemble them. It is also recommended that students read the code books to determine their knowledge of the material. Students need to be familiar with the code, prior to taking the course.

#### MINIMUM REQUIRED COURSE HOURS

Course	Hours
Law and Admin	15
Building Level I	48
Building Level II	40
Building Level III	40
Electrical Level I	40
Electrical Level II	30
Electrical Level III	30
Fire Preven Level I	36
Fire Preven Level II	32
Fire Preven Level III	24
Mechanical Level I	32
Mechanical Level II	24
Mechanical Level III	16
Plumbing Level I	32
Plumbing Level II	24
Plumbing Level III	16

## NC CODE OFFICIALS QUALIFICATION BOARD

### List of Community Colleges and Technical Institutes Teaching Standard Inspection Certificate Courses

Community College	Location	Primary Contact	Secondary Contact	Telephone
Alamance CC	Graham	David Parker	John Moyers	336-578-2002
Asheville-Bun. Tech CC	Asheville	Nancy Troxler, X5824	Skye Myrick X5836	828-254-1921
Asheville-Bun. Tech CC	Asheville	John Witherspoon, X 844		828-254-1921
Beaufort County CC		David Crosby		252 940-6262
Blue Ridge CC	Hendersonville	Elaine Handville		828-694-1779
Brunswick CC	Supply	John Winders		910-279-0478
Caldwell CC	Hudson	Norm Staines		828-726-2200
Cape Fear CC	Wilmington	Teresa Criser		910-362-7319
Cape Fear CC (B)	Burgaw	Pam Britt		910-675-1439
Carteret CC	Morehead City	Robert Espenship		252-222-6201
Catawba Valley CC	Hickory	Susan Killian		828-327-7000
Central Carolina CC	Sanford	Teronda McNiel	Landis Phillips	919-718-7291
Central Carolina CC	Sanford	Joey Shue		919-776-5601
Central Piedmont CC	Charlotte	Steve Corriher		704-330-4421
Central Piedmont CC	Charlotte	Shelia Tzerman		704-330-4408
Central Piedmont CC	Charlotte	Harley Cook (Fire Courses at CPCC)		704-330-4631
Cleveland CC	Shelby	Jimmy Hensley		704-484-4058
Coastal Carolina CC	Jacksonville	Steve Forney		910-938-6228
College of the Albemarle	Elizabeth City	Carol Schenck, X2518		252-335-0821
College of the Albemarle	Dare Co.	Tim Shearin, X240		252-473-2264
Craven CC	New Bern	George Kramer		252-638-7289
Davidson County CC	Lexington	Teresa Kines	Madelyn Gentry	336-751-2885
Durham Technical CC	Durham	Timiya McCormick		336-751-2885
Fayetteville Technical CC	Fayetteville	Sherry Turpin	Jane Pfeffer	910-678-8227
Forsyth Technical CC	Winston-Salem	Wesley Hutchins, X7769	Robert Leslie	336-723-0371
Guilford Technical CC	Jamestown	Bob Plain, X2586	June Boswell, X2821	336-334-4822
Gaston CC	Gastonia	Beth Hollars	Marty Farmer	704-922-6250
Halifax CC	Weldon	Kevin Kupietz	Sandra Hammack	252-533-8416
Haywood CC	Clyde	Terry Taylor		828-627-4617
Isothermal CC	Spindale	Debbie Hollifield, X 345		828-286-3636
Johnston CC	Smithfield	Star Beal		919-209-2134
Lenoir CC	Kinston	Phoebe Emory X 713	Sarah Lane X 722	252-527-6223
Mitchell CC	Statesville	Gordon Knight		704-978-5446
Nash CC	Rocky Mount	Shannon Orndorff		252-451-8312
Piedmont CC	Roxboro	Phyllis Gentry		336-599-1181
Pitt CC	Greenville	Gail Nichols		252 493-7625
Richmond CC	Hamlet	Pam McKay		910-410-1704
Randolph CC	Asheboro	Lewis Edwards		336-633-0217
Robeson CC	Lumberton	Johnny Baker, X21	Tammi Bozeman, X22	910-738-7128
Rockingham CC	Wentworth	Randy Evans, X2390		336-342-4261
Rowan-Cabarrus CC	Salisbury	Roger McDaniel, X3501	Jeanie Moore	704-788-3197
Sandhills CC	Pinehurst	Lyn Beith		910-695-3939
Southeastern CC	Whiteville	David Ranson X314	Annette Dorman	910-642-7141
Southwestern CC	Sylva	Scott Sutton	Susan McCaskill	828-586-4091
Surry CC	Dobson	Greg Smith		336-386-3331
Tri-County CC	Murphy	Ed Smith	Lisa Thompson	828-837-6810
Vance-Granville CC	Henderson	Curtis Tyndall		252-738-3273
Wake Technical CC	Raleigh	Abo Abazid		919-866-5820
Wayne CC	Goldsboro	Carlos Cotto, X219		919-735-5152
Wilkes CC	Wilkesboro	Calvin Dull	Abby Combs	336-838-6208
Wilson Technical CC	Wilson	Robert Holsten		252-291-1195

**NOTE:** Pre-registration is required at least ten days prior to the beginning date of each course. Each community college may increase the cost of the course depending upon the number of students that have pre-registered. In the even of a cost increase, the community college will notify all students that have pre-registered.

### Textbooks

**Building, Level I:** 2012 Building Code, 2012 Residential Code, 2004 Manufactured Buildings/Mobile Home Regulations, and 2012 Energy Conservation Code

**Building, Level II and III:** 2012 Building Code, 2012 Residential Code, and 2012 Energy Conservation Code

**Electrical (all levels):** 2011 Electrical Code, and 2012 Energy Conservation Code

**Fire Prevention (all levels):** 2012 Fire Prevention Code

**Mechanical (all levels):** 2012 Mechanical and Fuel Gas Code and 2012 Energy Conservation Code

**Plumbing (all levels):** 2012 Plumbing Code and 2012 Energy Conservation Code

**Law and Admin:** 2012 Administrative Code and Policies, Board Rules, Reprints of the General Statutes

To purchase Codes and Board Rules, contact Publications: 919-661-5880. Allow at least two weeks for delivery





## News from the NC Building Inspectors Association

We hope the first half of your year has gone well. Our inspections industry has faced a series of unique challenges over the last year,

and by and large we've handled our business very well and in an extremely professional manner. With further tightening of the belt by municipal jurisdictions a trend is developing where departments with related purposes are merged to create leaner, more economical work/business structures. The goal of course is reduced operating expenses. A positive potential outcome is better communication across departmental lines, less headache for customers being shuttled from department to department seeking information, and beneficial cross-training that will aid both employee and citizen in the future. I think this can be a win/win situation for all stakeholders in the building and development communities. One thing we all fear is that we may lose our identity as a department and perhaps our effectiveness in the community. Inspectors, builders, developers, realtors and homeowners develop expectations of one another; and they develop patterns that ensure the timely and satisfactory completion of projects they share. Changes in organizational structures almost always create upheavals in that pattern. So.....what do we do? We behave in a professional manner! It's as simple as that. There is almost nothing in this business that can hinder an inspector when he or she goes about their business in a professional manner. You have to truly believe this. I don't know who compiled the "A to Z" list of professional attributes listed below, but it is a good list. Take a few minutes out of your day and find the attributes that belong to you; find the ones that belong to your team members in the department; and find the ones that other people would ascribe to you. Share your lists, share your examples of these behaviors personified, talk about past and future outcomes, and don't be afraid to change something you don't like, either in this list, or in yourself. Every day there is a least one thing the true professional knows he or she can do better. This list will help us identify that one professional "thing". I think this is the point where Larry, the Cable Guy always says "Git 'er done". Well, let's go git 'er done!

Accountable. Acknowledges mail, e-mail, and calls promptly. Adaptable. Admits when he/she is wrong. Authentic. Bears responsibility. Broadminded. Caring. Carries business cards. Collaborates. Communicates well. Confidential. Consistent. Courteous. Credible. Decisive. Dependable. Determined. Diligent. Disciplined. Displays integrity and a high ethical standard. Doesn't gossip or talk badly about others behind their backs. Doesn't hold grudges. Doesn't let things slip through the cracks. Doesn't make excuses. Delivers over and beyond what people expect. Effective. Efficient. Empathetic. Engaging. Enthusiastic. Evolving. Excels in their line of work. Exercises self-control. Focused. Forgiving. Generous. Gets along with people. Gets the job done. Gives credit where credit is due. Go-getter. Goal-setter. Good at working in a team. Good interpersonal skills. Hard worker. Has a personal mission statement. Has conviction. Hears all sides. Helps others with their problems. Helps others to succeed. Highly committed. Humble. Innovative. Interested in others. Is a person of their word. Kind. Knows that family is important. Knows that health is important. Knows that time to relax is important. Knows that time to think is important. Learns from mistakes.



Listens well. Looks at obstacles as challenges to overcome. Loyal. Maintains gains while being proactive. Makes the best of situations. Manages stress. Methodical. Motivated. Networks well. Nonjudgmental. Not afraid to fail. Not manipulative. Not satisfied with mediocrity. Has a commitment to excellence. Objective. Open to new ideas and learning new ways of doing things. Organized. Passionate. Patient. Persevering. Planner. Positive attitude. Precise. Proactive. Realistic. Relates well to others. Respectful. Saving. Scheduled. Scrupulous. Seeks improvement. Selfless. Spiritual. Shows appreciation and expresses thanks. Sincere. Stays abreast of new developments. Studious. Takes responsibility. Teachable. Thinker. Time management skills. Transparent. Tries to do more with less. Trustworthy. Truthful. Upright. Values others. Vision that expands. Willing to change. Willing to take necessary risks. Willing to do whatever it takes to get the job done.

If you noticed, we don't have any Z's here. That's your job; find your own "Z", your own "A", a "T", any letter you choose, and pick your attribute. Choose the one that you feel you need the most help with and make a promise to yourself that each day you will "live" that professional attribute.

I personally have a tough time with many of them, particularly when I "think" I'm busy. I start letting a few of these attributes fall by the wayside because I just need to "get things done." That usually makes me guilty of the same thing we accuse our contractor partners of all too often. We sacrifice quality for speed; and forget that there is a balance between them. How many of us have told that contractor who covered up an essential inspection item, either by accident or on purpose, or that contractor who finished a job and didn't obtain the required permits...."Hey man, you know this could have been worked out, and you know, it always cost more to redo something than it would have cost to do it right the first time."

There are a lot of lessons in the "attributes" listed above, just like there are a lot of lessons in life. It's gonna be a good summer, the sun is gonna shine, bees are gonna buzz, and building is gonna be at an all-time high....well maybe three out of four. Regardless of that, we are North Carolina Building Inspectors; we're the best in our industry anywhere, and no matter what task we are engaged in, we intend to bring a 100% commitment to our education, our integrity and our professionalism to the job. Tell Larry the Cable Guy that the phrase "Git 'er done" might be associated with him, but the NCBIA has been doing it, and doing it in a professional manner for 57 years and we're still going strong!

Sincerely,  
Your "NORTH CAROLINA BUILDING INSPECTORS ASSOCIATION"



## News from the NC Plumbing Inspectors Association

From the Officers and Directors of the North Carolina Plumbing Inspectors Association, we want to thank everyone that attended the 58th Annual Conference and let you know what a terrific conference at Kitty Hawk you missed if you didn't get there. We had a great time and especially enjoyed Wilson Sawyer and his "cooking team's" BBQ at the get acquainted gathering on Sunday night. Naturally we enjoyed Wilson's music and singing to us as well. The hospitality was excellent at the facility as it was in the past as well as good weather.

We had plenty of vendors and informational classes each day.

Again, Thank you for your attendance and support of this association and remember this is COCO year so try to join us at that meeting in Wilmington.

**Don't forget our last workshop for the year will be held October 17th in Burlington at the Paramount Theater.**