



**Safety to Life
Through Code
Enforcement**

COCCO

North Carolina Council of Code Officials

IT DIDN'T HAPPEN THAT WAY

Tim Bradley, Assistant State Fire Marshal

If you do not focus on organizational goals, you will not lead. With all the books out on leadership, I certainly would not be introducing any new concepts when I state that too often leaders get marred down in managing, and forget to lead. There are hundreds of examples where organizations created out of an energy to make changes have eventually failed because the leadership got so consumed by running the organization rather than leading it. General George Patton said it best when he stated that *"Commanders must command. If they do not command, they aren't Commanders"*. As such, Leaders must lead, and if they don't, they aren't Leaders. Having said that, I recognize that I spend most of my time handling management details that do not take the shape of any specific leadership command. However, my hope is that these details are intended to shape and refine an organization that is committed to recognized goals; goals that through leadership, I have pointed them toward and continue to lead them toward. I think too many times leaders get caught up in issues of management and begin to focus their attention solely on running the organization instead of leading it. The following analogy struck home with me as a reminder to keep a focus on leading and resist the temptation to believe that managing an organization is the same thing as leading the organization.

"Imagine yourself moving into a house with a huge picture window overlooking a lake with a grand view of mountains beyond. Several times a day you interrupt your work and stand before this window to take in the majesty of the beauty. Then one day you notice some bird droppings on the glass, and you get a bucket of water and a towel and you clean it. A couple of days later, a rainstorm leaves the window streaked and the bucket comes out again... Keeping that window clean now becomes compulsive neurosis. You accumulate ladders and buckets and squeegees. You construct scaffolding inside and out: you have to get all the difficult corners and heights. You end up having the cleanest window in North America, but it's been years since you've looked through it." Eugene Peterson

Mr. Peterson's analogy struck me as being all too relevant to the daily job of managing and leading. Obviously there was nothing wrong with keeping the window clean, as long as the purpose was

to be able to clearly look through it and enjoy the view. When he lost sight of the true goal, his new goal became one that served no real purpose unless there had been a mandate to keep the glass clean. In fact, if you don't want to enjoy the view, the expense of a picture window is needless to begin with. When I read the story so many examples came to mind of times when leaders make management decisions for reasons other than the goal their organization shared. Leaders make decisions everyday. Those decisions define if they are successful or not.

I don't want you to think that I'm naive enough to believe everything we do as managers has a direct connection to the common goal our organization shares. Personnel policies, discipline, office rental, and a host of other daily management tasks have to be handled. Leaders have to manage, but managers don't have to lead. The problem develops when running the organization becomes the goal, rather than the organizations purpose. I bought a really nice pick-up truck to use for carrying things, hunting, and convenience. I use it for everything, but I keep it shiny. If I became so involved in keeping the truck clean that a good looking truck was my goal, I more than likely would hesitate to use it when I needed to if it stood the chance of getting dirty. Our major goal is the safety of the public and the sustainability of buildings, energy, etc. There are a huge number of smaller goals that we decide on as leaders whose end result compliments the major goal. Focused leadership to me is asking myself on any decision whether or not it compliments the organizational goals and objectives?

I remember hearing a Fire Chief remark during a critical water shortage that he didn't care what the City's decision was; he was going to keep his fire trucks clean if he drained the lake dry. I'm sure he wasn't serious, and I like clean fire trucks as well as the next person, but if the organizations goal was to protect the public how would draining the lake and removing the water source for fighting fires protect the citizens? While certainly an oversimplification, how many decisions do we make without asking ourselves if it actually compliments our goal? Do we structure our staff to protect positions, or do we structure it to protect the public. Do we reorganize to punish or to improve our delivery?

While every organization has several goals, there is usually one overriding purpose: ours is to keep the public safe. As a leader I need to be focused on that objective in the decisions I make involving resources, organizational objectives, and priorities. Leaders make decisions, but they need to be focused.



News from the NC Ellis Cannady Chapter, IAEI

Presidential Views

While the year is winding down our activities are gearing up. Soon we will be attending our 2011 Annual North Carolina Ellis Cannady Chapter Meeting at the Richard Childress Vineyard complex in Lexington, and the gavel will be passed on. Though the lazy days of summer may cause one to ponder times when our lives weren't so intense trying to keep up with our daily schedules, we move forward and continue striving to insure our State maintains the safest electrical installations possible through cooperative efforts of the North Carolina Electrical Industry represented by all, Inspectors, Contractors, and Manufacturers.

Representing the North Carolina Ellis Cannady Chapter of the International Association of Electrical Inspectors as President this past year has been an honor. Though we are experiencing difficult times for all involved in the Construction Industry as well as the Electrical Industry, many of us have waded through similar situations and we know the economy will eventually recover and things will get better. It is that positive outlook I would like to instill on all of us, that things will get better. Important for us to remember is that we must continue to support each other and bind together as we have for many years to keep the integrity of the North Carolina Electrical Industry at the highest level possible and that to the best of our abilities we maintain that goal of homes and businesses free from danger of fire and electrical hazard.

Have a safe season,

Ron Chilton, Chapter President
NC Ellis Cannady IAEI Chapter President

Industry Events

NC IAEI Continuing Education 1 Day Seminar

November 17, 2011
Western Piedmont Community College
Foothills Higher Education Center
2128 South Sterling Street
Morganton, NC 28655
Phone: 828-438-6104

NC IAEI Continuing Education 1 Day Seminar

December 1, 2011
Wayne Community College
Continuing Education Office Building
Walnut Room 104
3000 Wayne Memorial Drive
Goldsboro, NC 27534
Phone: 919-735-5151

NC IAEI Continuing Education 1 Day Seminar

December 15, 2011
Randolph Community College
Auditorium Building
629 Industrial Park Avenue
Asheboro, NC 27205
Phone: 336-633-0224

NC IAEI Continuing Education 1 Day Seminar

January 12, 2012
Martin Community College Auditorium
1161 Kehukee Park Road
Williamston, NC 27892
Phone: 252-792-1521

NC IAEI Continuing Education 1 Day Seminar

January 26, 2012
Public Safety Training Facility
1510 North Church Street
Greensboro, NC 27405
Phone: 336-373-2449

NC Electrical Apprenticeship Contest

October 19, 2011, 7:15 am
NC State Fairgrounds 919-733-7533
www.ncstatefair.org/2011/Competitions/PremiumBook/2011DeptBB.pdf

See our website for more information and directions & maps:
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 continues to send out special announcements for Continuing Education classes. We're advertising Jobs Available. Join our mailing list – go to www.nciaei.org (Contact us page).

NC Chapter Annual Meeting

Join us for the NC Chapter Annual Convention, November 6-8, 2011. The meeting will be held at the Childress Vineyards facility in Lexington NC, Guests will be staying at Holiday Inn Express, near the facility (State rate honored). Sunday night will be a get together at the Childress Museum. (5 miles from Hotel) for some excellent BBQ and fellowship.

See our website for details, including the Childress Vineyards website and hotel information. Go to www.nciaei.org, "Meetings" page.

Product Safety

Products with only a "CE" mark keep showing up in workplaces across the State, and across the nation. Some manufacturers and distributors will say that this "Self declaration" mark is evidence of product safety certification. Our US NRTLs – Nationally Recognized Testing laboratories – receive these CE marked products regularly for evaluation. Some of these products are well made, others are so far out of compliance they have to be re-designed to quality for US testing and certification.

Safety Reminders

Christmas Decorations

Lights: Indoors or outside, use only lights that have been tested for safety. Identify these by the label from an independent testing laboratory. Check each set of lights, new or old, for broken or cracked sockets, frayed or bare wires, or loose connections. Discard damaged sets or repair them before using. Fasten outdoor lights securely to trees, house, walls or other firm support to protect from wind damage. Use no more than three standard-size sets of lights per single extension cord. Turn off all lights on trees and other decorations when you go to bed or leave the house. Lights could short and start a fire. Never use electric lights on a metallic tree. The tree can become charged with electricity from faulty lights, and any person touching a branch could be electrocuted! To avoid this danger, use colored spotlights above or beside a tree, never fastened onto it! Keep "bubbling" lights away from children. These lights with their bright colors and bubbling movement can tempt curious children to break candle-shaped glass, which can cut, and attempt to drink liquid, which contains a hazardous chemical.

Trees: Many artificial trees are fire resistant. If you buy one, look for a statement specifying this protection. A fresh tree will stay green longer and be less of a fire hazard than a dry tree. To check for freshness, remember: A fresh tree is green. Fresh needles are hard to pull from branches. When bent between your fingers, fresh needles do not break. The trunk butt of a fresh tree is sticky with resin. When the trunk of a tree is bounced on the ground, a shower of falling needles shows that tree is too dry. Place tree away from fireplaces, radiators and other heat sources. Heated rooms dry trees out rapidly, creating fire hazards. Cut about two inches of the trunk to expose fresh wood for better water absorption. Trim away branches as necessary to set tree trunk in the base of a sturdy, water-holding stand with wide spread feet. Keep the stand filled with water while the tree is indoors. Place the tree out of the way of traffic and do not block doorways. Use thin guy-wires to secure a large tree to walls or ceiling. These wires are almost invisible.

Snow: Artificial snow sprays can irritate lungs if inhaled. To avoid injury, read container labels; follow directions carefully

Generators: Portable generators are often used to restore electricity to some home appliances during a power outage. Power from a generator can be a lifesaver, but it can also be very dangerous if not used properly. If you choose this option to restore power, please take the following safety tips into consideration:

- NEVER use a generator indoors! Generators must be set up outdoors in a completely open and dry area.

- Position the generator away from vents, windows, and doors to prevent carbon monoxide from building up and entering the home.
- Do not use a generator in rain or wet conditions.
- It's best to plug appliances directly into the generator, or a heavy-duty, outdoor-rated extension cord may also be used. Make sure that the cord is free of cuts or tears, and the plug has all three prongs-especially a grounding pin.
- NEVER try to power the house wiring by plugging the generator into a wall outlet. This practice, known as "backfeeding," is extremely dangerous as it presents an electrocution risk to utility workers and neighbors served by the same utility transformer. It also bypasses some of the built-in household circuit protection devices.
- Turn the generator off and let it cool down before refueling. Gasoline spilled on hot engine parts could cause a fire.
- Always follow the manufacturer's instructions for your generator. Give special attention to how much wattage your generator can accommodate so that it does not overload and malfunction.

Code Enactments and Activity

NEC 2011, Because of delays in the process due to objections in the 2012 NEC, it might be middle of 2012 before the adoption is final. Check our website for updates: www.nciaei.org

Continuing Education with NC IAEI

We have several dates ahead for Continuing Education throughout the State. These seminars have continued to gain popularity over the years, and have been a great help to areas where budgets do not allow travel, especially overnight expenses. Our seminars this Winter include locations in Morganton, Goldsboro, Asheboro, Williamston and Greensboro. See our website for maps and other information. www.nciaei.org – go to the "Meetings" page.

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. Watch for contests with code books and promotional items for the winners.

Go to our website for an electronic version of this newsletter. www.nciaei.org.



News from the NC Building Inspectors Association

Hello fellow COCO Members,

Definition: **Collaboration** is working together to achieve a goal. [It is a] process where two or more people or organizations, work together to realize shared goals, (this is more than the intersection of common goals seen in co-operative ventures, but a deep, collective, determination to reach an identical objective)



I have been ask to give my outlook about the NCBIA. Even with the downturn in numbers of members we have had a very active fall. Your board members are gearing up and doing a good job of obtaining member contact information. If you have not been getting emails from NCBIA go to our web site and sign up. Our success as COCO and NCBIA will be determined in a word "collaboration" the NCBIA has teamed up with OSFM Engineering and Fire and Rescue Divisions as well as NC Emergency Management to redefine and streamline our DCERT teams (board member Amy Clifton Chair). At the last COCO meeting I ask other members if they would be interested in working with the NCBIA on code revision issues, We had a great discussion and I think we will see some success with this project. My desire is for the NCBIA to include more members being involved and bringing ideas forward. Rick Frady with Catawba County has brought some great ideas to our attention that will be discussed, and hopefully will be able to get something in place. I would like for our Code Revision committee (board member Tom Brown Chair) be more active in Code Revision Issues both on the ICC and State Levels. Tom has a great team in place and will do a lot of good work. The educational committee (Les Everett chair) has done a great job of putting together a great winter code training program. Please contact myself or your regional board with your interests to be involved, and with ideas concerning Web site, training, sharing information and or code revision issues. "COLLABORATION" = SUCCESS BOTH IN THE FIELD AND IN RALEIGH

Steve

2012 NCBIA Winter Code Seminar

The NCBIA Education Committee is proud to offer three Winter Code Seminars for 2012. Our goal this year is to provide comprehensive continuing education for multi-trade inspectors. Building Code training will be offered on Monday. Cross-training will be offered on Tuesday, Wednesday and Thursday for Mechanical, Plumbing and Electrical trades. Fire Code Certificates will be available for attendees who are present all 4-days. You are eligible for all 5-Certificates if you attend all 4-days.

Building: Monday will start off with an ICC presentation on the Building Code Chapter 10. You will receive instruction on the 2012 NC Residential Code energy provisions. The day will conclude with a session on Residential wall bracing.

Mechanical: The focus on Tuesday morning will be the 2012 NC Energy and Mechanical Code energy provisions. We will continue in the afternoon with a presentation on Law and Administration. The day will conclude with a session on Mechanical Code changes.

Plumbing: On Wednesday morning we will cover accessibility in bathrooms and toilet facilities. We will continue the day with presentations on Fire Stopping of Penetrations and NFPA 13D systems. The day will conclude with a session on Plumbing Code changes.

Electrical: The topics for Thursday morning will be Residential electrical systems based on the 2011 NEC. The day will conclude with a session on De-Rating and Load Calculations.

Fire: A portion of each day will be credited toward Fire CE training. Fire Code Certificates will be available for attendees who are present all 4-days

We welcome all inspectors, contractors, and design professionals. Daily registration is available if you cannot attend the entire seminar. We hope you will take advantage of one these valuable educational opportunities

Les Everett, Chair

Dan Dockery, Vice-Chair

Greenville

W-S/Forsyth

NORTH CAROLINA BUILDING INSPECTORS ASSOCIATION

EDUCATION SEMINARS—2012

Please Check One!

- Seminar 1: _____ Sheraton, Atlantic Beach, NC – January 23-26
Seminar 2: _____ Hampton Inn, Aberdeen, NC – February 27-March 1
Seminar 3: _____ Park Inn, Hickory, NC – March 26-29

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 Officials! Also select the one area you wish to receive CE credit each day!

	CODE OFFICIALS or Members	Non-Members	Q-BOARD ID # _____ For CE Credit Select One Each Day
Monday	\$ 60.00 _____	\$120.00 _____	Building _____ (B certificate number)
Tuesday	\$ 60.00 _____	\$120.00 _____	Mechanical _____ (M certificate number)
Wednesday	\$ 60.00 _____	\$120.00 _____	Plumbing _____ (P certificate number)
Thursday	\$ 60.00 _____	\$120.00 _____	Electrical _____ (E certificate number)
All 4 Days	\$240.00 _____	\$480.00 _____	Fire _____ (F if attending all 4 days)

Please pre-register and submit payment by 2-weeks prior to the seminar. A late fee of \$60 will be charged for day of seminar registration. Seating is limited to 150. Registration includes breaks and lunches.

- No Refunds. You may transfer your registration to someone else.
- NCBA is an Approved Sponsor for the NC Board of Architecture.
- Attendance Certificates will be available daily (6-credit hours/day).
- Complete a separate registration form for each attendee.

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

North Carolina Building Inspectors Association

Attn: Jean Williams

1202 Mail Service Center

Raleigh, North Carolina 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 Jean Williams at Jean.Williams@ncdoi.gov or (919) 661-5880 (x260) if you need to verify registration.

NC BUILDING INSPECTORS ASSOCIATION WINTER CODE SEMINAR

BUILDING		<i>Monday, 1/23, 2/27, 3/26</i>	
Time	Topic	Instructor	CE
8:00 - 10:00	Chapter 10 (Egress)	John Gibson, ICC	8
10:00 - 10:15	Break		
10:15 - 12:15	Chapter 10 (Egress)	John Gibson, ICC	F
12:15 - 1:15	Lunch		
1:15 - 3:15	2012 Energy Code changes (Residential)	Mathis Consulting	F
3:15 - 3:30	Break		
3:30 - 4:30	Wall bracing (Residential)	Steve Knight, PE Structural Engineer	F
MECHANICAL		<i>Tuesday, 1/24, 2/28, 3/27</i>	
Time	Topic	Instructor	
8:00 - 10:00	2012 Energy Code Changes (Commercial / Mechanical)	Mathis Consulting	M
10:00 - 10:15	Break		
10:15 - 12:15	2012 Energy Code Changes (Commercial / Mechanical)	Mathis Consulting	M
12:15 - 1:15	Lunch		
1:15 - 3:15	Law and Administration	Les Everett, NCBA	F
3:15 - 3:30	Break		
3:30 - 4:30	Mechanical Code Changes	Dan Dittman, PE, NCDOT	M
PLUMBING		<i>Wednesday, 1/25, 2/29, 3/28</i>	
Time	Topic	Instructor	
8:00 - 10:00	Facilities	Laurel Wright, NCDOT	P
10:00 - 10:15	Break		
10:15 - 12:15	Fire Stopping / Penetrations	Jason Wharton, 3M 704-728-7597	F
12:15 - 1:15	Lunch		
1:15 - 3:15	NFPA 13 D systems	William Whaley, NCBA	P
3:15 - 3:30	Break		
3:30 - 4:30	Plumbing Code Changes	Bill Moeller, PE, NCDOT	P
ELECTRICAL		<i>Thursday, 1/26, 3/1, 3/29</i>	
Time	Topic	Instructor	
8:00 - 10:00	Residential Electrical	Don Shields, UL	E
10:00 - 10:15	Break		
10:15 - 12:15	Residential Electrical	Don Shields, UL	E
12:15 - 1:15	Lunch		
1:15 - 3:15	Derating / Load Calculations	Richard Watson	E
3:15 - 3:30	Break		
3:30 - 4:30	General Q & A	Education Committee members	



News from the NC Plumbing Inspectors Association

2011 Plumbing Workshops

The Officers and Directors of the PIA are pleased to announce five workshops on the 2012 Plumbing Code.

Workshop locations and dates:

- (1) February 7, 2012 in Rocky Mount
- (2) March 13, 2012 in Morganton
- (3) May 9, 2012 in High Point
- (4) June 12, 2012 in Carolina Beach or Atlantic Beach
- (5) October 18, 2012 in Burlington

A registration fee of \$60 will be charged for members and \$70 for non-members for the 6 hours.

The workshops will consist of (3) 2-hour classes as follows:

- (1) 1st class – 2-hours, 8:15am to 10:15am – 2012 Plumbing Code Chapters 2-6
- (2) 2nd class – 2-hours, 10:40am to 12:40pm – 2012 Plumbing Code Chapters 7-11
- (3) 3rd class – 2-hours, 2:00pm to 4:00pm – Appendix C and C-1 and Question and Answer Time

The classes are approved for 6-hours continuing education for inspectors and also 6-hours continuing education for plumbing contractors for the Plumbing and Heating Licensing Board.

Please pre-register (Jean.Williams@ncdoi.gov or Fax: 919-662-4414) at least 10 days prior to the workshop. Registration will start at 7:30am for all workshops. Lunch will be on your own.

PLEASE MAKE CHECKS PAYABLE AND RETURN TO:
NC PLUMBING INSPECTORS ASSOCIATION

ATTENTION: JEAN WILLIAMS

1202 MAIL SERVICE CENTER

RALEIGH, NC 27699-1202

Tel: 919-661-5880 ext 260 Fax: 919-662-4414

Jean.Williams@ncdoi.gov

NORTH CAROLINA PLUMBING INSPECTORS ASSOCIATION WORKSHOP AGENDA FOR ALL LOCATIONS 2012 PLUMBING CODE WORKSHOPS

7:30-8:15	Registration and Welcome
8:15-10:15	2012 Plumbing Code, Chapters 2-6
10:15-10:40	Break by NCPIA
10:40-12:40	2012 Plumbing Code, Chapters 7-11
12:40-2:00	Lunch (on your own)
2:00-4:00	Appendix C and C-1 and Question & Answer Time

NC PLUMBING INSPECTORS ASSOCIATION
REGISTRATION FORM – NCPIA 2012 CODE WORKSHOPS

Name (Same as your Certificate) _____

Employer _____

Address _____

City _____ State _____ Zip _____

Phone Number () Fax Number ()

Plumbing Certificate #: _____ Plumbing Contract License #: _____

LOCATION (PLEASE CHECK ONE)

- _____ February 7, 2012 in Rocky Mount – Edgecombe Community College
- _____ March 13, 2012 in Morganton – Western Piedmont Community College
- _____ May 9, 2012 in High Point – City Hall
- _____ June 12, 2012 in Carolina Beach OR Atlantic Beach (Annual Meeting) - TBA
- _____ October 18, 2012 in Burlington – Paramount Theater
- _____ # Persons attending @ \$60 each for Members \$ _____
- _____ # Persons attending @ \$70 each for Non-Members \$ _____

NC Plumbing Inspectors Association
Attention: JEAN WILLIAMS
1202 Mail Service Center
Raleigh, NC 27699-1202
Tel: 919-661-5880 ext 260 Fax: 919-662-4414
Jean.Williams@ncdoi.gov

DIRECTIONS TO EACH OF THE PLUMBING INSPECTORS WORKSHOPS

Rocky Mount Workshop – Edgecombe Community College:

Hwy 64E by-pass to Rocky Mount, take exit 270 left onto Atlantic Avenue, go thru 3rd stop light. Edgecombe Community College on right, turn right into the parking lot and go around to other side of building to second parking lot. Auditorium will be on your right.

Morganton Workshop – Western Piedmont Community College:

Travel I-40, turn on US 64 at Exit 103, travel approx. 1/2 mile north on US 64, turn right onto Western Piedmont Community College to Moore Hall Auditorium.

High Point Workshop – City Hall:

Bus. 85 at High Point, turn north on Bus. 311 (S. Main Street) turn right onto E. Russell Avenue, turn left onto S. Hamilton Street (211 S. Hamilton Street).

Carolina Beach OR Atlantic Beach (TBA) -- Annual Meeting:

Burlington Workshop – Paramount Theater (128 E. Front Street) Exit 145 off I-85/40

Turn North on Maple Avenue. Go approx. 3 miles, turn right on Spring Street. Go 3 blocks to East Front Street (128 E. Front Street). Parking is behind the building or on the street.

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 October 25, 2011 at 322 Chapanoke Road in Raleigh, NC. The next quarterly meeting is scheduled for January 24, 2012 at 1:00 PM. Any schedule changes as well as the agenda for each quarterly meeting can be found on our website at www.ncdoi.com

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 and click on the red box on the right that says "Sign up for Email Updates".

Contact Information

The Qualifications Board is going on-line! We are currently working on updating our computer database and associated software. When complete, inspectors will be able to apply, renew, and manage their certifications on-line. Because of our improved communication abilities, we can keep you more in the loop. However, in order to make this new system work, we need to update your contact information.

If you have not already done so, please visit the Qualifications Board home page at http://www.ncdoi.com/OSFM/Engineering/COQB/engineering_coqb_home.asp and click on the green box on the top right of the screen labeled "CEO Email Request". On the next screen, enter one of your certificate numbers (if you have more than one certificate, just choose any one) and enter your email address. Use whatever email address is best for us to use to contact you, whether work or personal. This will also become your user ID on our new web-based system, so each inspector will need a unique address – do not enter one shared by others in your department.

Spending a few minutes now to give us your electronic contact information will ensure that you have a ready-made account when the system goes live, hopefully around the start of 2012. Thanks for your help!

Standard Code Class Cancellations

The standard Code classes, required for certification, are offered at various Community College campuses across North Carolina. Each of these Colleges has a minimum number of students required in order to actually hold a class. Lately, we are seeing more and more classes that get cancelled because not enough students are registered. There are several reasons for this – fewer new inspectors are getting certified because of the economy, more CE classes are available so current inspectors don't need to take the standard classes, and the change to electronic testing means that there are no longer clusters of students looking for classes before a quarterly exam.

Whatever the reasons, the Board and its staff are working hard to get these classes held, and you can help. If you are planning on taking

a class, go ahead and register. Do not wait and show up at the door, because at that point the class may already have been cancelled. Also, do not wait until the last minute to register. Remember that Probationary Certificates are only good for two years and cannot be extended or renewed. Do not wait until the last couple of months before your Probationary Certificate expires before signing up for a class. If you need assistance, feel free to call staff – we can suggest Colleges that have classes consistently.

Energy Code Training and Testing

Beginning March 1st, 2012, the state certification exams in Building, Electrical, Plumbing, and Mechanical trades will incorporate questions on the NC Energy Conservation Code.

In anticipation of this testing change, new on-line modules are currently in development. Beginning in January 2012, when you sign up for a standard Code class, you will be directed to view a portion of these self-study modules on your own time. The materials will be hosted on the DOI network – the address will be provided when it becomes available. There will be 9 separate modules – one overall administrative module along with a residential and commercial module for each trade. The standard course instructors have all received Energy Code training and should be able to help with any questions you have after viewing the materials.

Testing and Training Updates for 2012 Codes

New editions of the Building, Fire, Mechanical, Plumbing, Fuel Gas, Residential, and Energy Codes become mandatory on March 1st, 2012. On that date, the state certification exams will also be updated to reflect the new Code editions.

In anticipation of the testing updates, new course materials incorporating the new Code editions will be made available for all standard Code classes beginning in January 2012.

If you know that you will be testing soon, please take note of these effective dates to ensure that you are testing and training on the same Code editions. If you have any questions about the appropriate reference materials to bring to a state exam, please contact staff.

Certificate Issuance

Please keep in mind that certificates are issued by the Board once a quarter. If you need a certificate to be issued during a certain quarter, you must successfully complete an exam at least 2 weeks prior to the Board meeting, including any challenges that you might wish to make. In order to receive a certificate this quarter, you will need to take and pass your exam by July 12th.

Continuing Education

Continuing Education Course Schedule

Please visit http://www.ncdoi.com/OSFM/Engineering/COQB/engineering_coqb_CE_Class_Listing.asp to view a listing of currently scheduled continuing education courses. This tool allows course sponsors to advertise courses approved by the Board to CEOs across the state. Since the tools implementation, the listing of course offerings continues to grow thus making it easier for inspec-

tors 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.

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.

As you attend courses that you find valuable, please encourage the course instructor and/or sponsor to include future offerings at the website so that your fellow inspectors can benefit from the information as well.

Continuing Education Report

A Continuing Education Report is available online at www.ncdoi.com which shows each individual with an active standard or limited certificate and the number of hours of continuing education completed over the last 3 years, the current year, and any carryover hours available for renewal year 2011. If you see any irregularities in this report, please notify staff immediately to prevent the possibility of suspension at the end of the renewal year over an error.

Errors result when incorrect information is submitted to document your participation in a course. It is imperative that you provide the course instructor with your correct Standard or Limited Certificate number and full, complete name. Providing your ID number or wrong certificate number (a plumbing certificate number for a building course, for example) will result in you not receiving proper credit for a course. Providing an incomplete name (i.e. providing a nickname or using your middle name) can also create confusion during reporting.

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 the 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:

Samantha Ewens, PE, Director

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Celestine.Phill@ncdoi.gov

As you attend courses that you find valuable, please encourage the course instructor and/or sponsor to include future offerings at the website so that your fellow inspectors can benefit from the information as well.

Current Standard Inspection Courses – November 2, 2011

Area	Lev	Begin	End	Days	Time	College Name
Building	I	12/9/2011	12/18/2011	Fri - Sun	8:00 - 5:00	Davidson CC
Building	I	1/8/2012	1/22/2012	Sat - Sun	8:00 - 5:00	Coastal Carolina CC
Building	I	1/20/2012	1/29/2012	Fri - Sun	6-10; 8-8; 8-6	Fayetteville Tech CC
Building	I	4/13/2012	4/22/2012	Fri - Sun	8:00 - 5:00	Central Piedmont CC
Building	II	1/14/2012	1/22/2012	Sat - Sun	8:00 - 6:00	Craven CC
Building	II	3/2/2012	3/11/2012	Fri - Sun	6-10; 8-5	Fayetteville Tech CC
Building	III	11/4/2011	11/13/2011	Fri - Sun	8:00 - 5:00	Asheville-Buncombe CC
Building	III	11/11/2011	11/20/2011	Fri - Sun	8:00 - 5:00	Davidson CC
Building	III	12/2/2011	12/11/2011	Fri - Sun	6-10; 8-5	Fayetteville Tech CC
Building	III	4/13/2012	4/22/2012	Fri - Sun	6-10; 8-5	Fayetteville Tech CC
Building	III	4/13/2012	4/22/2012	Fri - Sun	8:00 - 5:00	Central Piedmont CC
Electrical	I	11/11/2011	11/20/2011	Fri - Sun	8:00 - 5:00	Gaston CC
Electrical	I	1/13/2012	1/22/2012	Fri - Sun	6-10; 8-5	Fayetteville Tech CC
Electrical	I	3/9/2012	3/18/2012	Fri - Sun	8:00 - 5:00	Randolph CC
Electrical	I	3/23/2012	4/1/2012	Fri - Sun	8:00 - 5:00	Central Piedmont CC
Electrical	I	6/8/2012	6/17/2012	Fri - Sun	8:00 - 5:00	Randolph CC
Electrical	I	9/14/2012	9/23/2012	Fri - Sun	8:00 - 5:00	Randolph CC
Electrical	II	12/10/2011	12/18/2011	Sat - Sun	8:00 - 5:00	Gaston CC
Electrical	II	1/20/2012	1/28/2012	Fri - Sat	8:00 - 5:00	Randolph CC
Electrical	II	2/18/2012	2/26/2012	Sat - Sun	8:00 - 4:30	Fayetteville Tech CC
Electrical	II	4/13/2012	4/21/2012	Fri - Sat	8:00 - 5:00	Randolph CC
Electrical	II	7/20/2012	7/28/2012	Fri - Sat	8:00 - 5:00	Randolph CC
Electrical	II	10/5/2012	10/13/2012	Fri - Sat	8:00 - 5:00	Randolph CC
Electrical	III	11/5/2011	11/13/2011	Sat-Sun	8:00 - 4:30	Fayetteville Tech CC
Electrical	III	11/16/2011	11/19/2011	Wed - Sat	8:00 - 5:00	Wilkes CC
Electrical	III	2/17/2012	2/25/2012	Fri - Sat	8:00 - 5:00	Randolph CC
Electrical	III	3/10/2012	3/18/2012	Sat - Sun	8:00 - 4:30	Fayetteville Tech CC
Electrical	III	4/13/2012	4/21/2012	Fri - Sun	8:00 - 5:00	Central Piedmont CC
Electrical	III	5/11/2012	5/19/2012	Fri - Sat	8:00 - 5:00	Randolph CC
Electrical	III	8/17/2012	8/25/2012	Fri - Sat	8:00 - 5:00	Randolph CC
Electrical	III	11/2/2012	11/10/2012	Fri - Sun	8:00 - 5:00	Randolph CC

Current Standard Inspection Courses – November 2, 2011

Area	Lev	Begin	End	Days	Time	College Name
Fire Prevention	I	11/4/2011	11/19/2011	Fri - Sat	8:00 - 5:00	Davidson CC
Fire Prevention	I	11/11/2011	11/23/2011	Fri - Sun	8:00 - 5:00	Craven CC
Fire Prevention	I	11/12/2011	11/20/2011	Sat - Sun	8:00 - 5:00	Vance-Granville CC
Fire Prevention	I	11/14/2011	11/18/2011	Mon - Fri	8:00 - 5:00	Asheville-Buncombe CC
Fire Prevention	I	12/2/2011	12/10/2011	Fri - Sat	8:00 - 5:00	Wayne CC
Fire Prevention	I	2/3/2012	2/12/2012	Fri - Sun	6-10; 8-5	Fayetteville Tech CC
Fire Prevention	II	3/3/2012	3/11/2012	Sat - Sun	8:00 - 6:00	Fayetteville Tech CC
Fire Prevention	III	11/3/2011	11/5/2011	Thu - Sat	8:00 - 5:00	Wilkes CC
Fire Prevention	III	11/4/2011	11/6/2011	Fri - Sun	8:00 - 5:00	Fayetteville Tech CC
Fire Prevention	III	11/4/2011	11/6/2011	Fri - Sun	8:00 - 5:00	Wayne CC
Fire Prevention	III	12/2/2011	12/4/2011	Fri - Sun	8:00 - 5:00	Davidson CC
Fire Prevention	III	3/30/2012	4/1/2012	Fri - Sun	8:00 - 5:00	Fayetteville Tech CC
Law and Administration		11/5/2011	11/6/2011	Sat - Sun	8:30 - 5:00	Davidson CC
Law and Administration		11/5/2011	11/6/2011	Sat - Sun	8:00 - 5:00	Wilkes CC
Law and Administration		11/11/2011	11/13/2011	Fri - Sun	7-10; 8-5; 8-12	Cleveland CC
Law and Administration		3/3/2012	3/4/2012	Sat - Sun	8:00 - 5:00	Wilkes CC
Law and Administration		3/16/2012	3/17/2012	Fri - Sat	8:00 - 5:00	Central Piedmont CC
Law and Administration		3/16/2012	3/18/2012	Fri - Sun	8:00 - 5:00	McDowell Tech CC
Law and Administration		11/3/2012	11/4/2012	Sat - Sun	8:00 - 5:00	Wilkes CC
Mechanical	I	11/5/2011	11/13/2011	Sat - Sun	8:00 - 5:00	Craven CC
Mechanical	I	12/3/2011	12/11/2011	Sat - Sun	8:00 - 5:00	Coastal Carolina CC
Mechanical	I	2/4/2012	2/12/2012	Sat - Sun	8:00 - 5:00	Fayetteville Tech CC
Mechanical	I	4/14/2012	4/22/2012	Sat - Sun	8:00 - 5:00	Central Piedmont CC
Mechanical	II	11/4/2011	11/6/2011	Fri - Sun	6-10; 8-6	Craven CC
Mechanical	II	11/7/2011	11/9/2011	Mon - Wed	8:00 - 5:00	Pitt CC
Mechanical	II	3/16/2012	3/18/2012	Fri - Sun	8:00 - 5:00	Fayetteville Tech CC
Mechanical	III	11/19/2011	11/20/2011	Sat - Sun	8:00 - 5:00	Fayetteville Tech CC
Mechanical	III	4/14/2012	4/15/2012	Sat - Sun	8:00 - 5:00	Central Piedmont CC
Mechanical	III	4/28/2012	4/29/2012	Sat - Sun	8:00 - 5:00	Fayetteville Tech CC
Plumbing	I	11/4/2011	11/12/2011	Fri - Sat	8:00 - 5:00	Wake Tech CC
Plumbing	I	2/10/2012	2/18/2012	Fri - Sat	8:00 - 5:00	Davidson CC
Plumbing	I	2/18/2012	2/26/2012	Sat - Sun	8:00 - 5:00	Fayetteville Tech CC
Plumbing	I	3/17/2012	3/25/2012	Sat - Sun	8:00 - 5:00	Central Piedmont CC
Plumbing	I	5/4/2012	5/12/2012	Fri - Sat	8:00 - 5:00	Davidson CC
Plumbing	I	8/17/2012	8/24/2012	Fri - Sat	8:00 - 5:00	Davidson CC
Plumbing	II	11/11/2011	11/13/2011	Fri - Sun	8:00 - 5:00	Fayetteville Tech CC
Plumbing	II	11/18/2011	11/20/2011	Fri - Sun	8:00 - 5:00	Wake Tech CC
Plumbing	II	3/8/2012	3/10/2012	Fri - Sun	8:00 - 5:00	Davidson CC
Plumbing	II	3/23/2012	3/25/2012	Fri - Sun	8:00 - 5:00	Fayetteville Tech CC
Plumbing	II	7/19/2012	7/21/2012	Fri - Sun	8:00 - 5:00	Davidson CC
Plumbing	III	11/5/2011	11/6/2011	Sat - Sun	8:00 - 5:00	Sandhills CC
Plumbing	III	12/3/2011	12/4/2011	Fri - Sat	8:00 - 5:00	Wake Tech CC
Plumbing	III	1/7/2012	1/8/2012	Sat - Sun	8:00 - 5:00	Fayetteville Tech CC
Plumbing	III	3/3/2012	3/4/2012	Sat - Sun	8:00 - 5:00	Central Piedmont CC
Plumbing	III	4/27/2012	4/28/2012	Fri - Sat	8:00 - 5:00	Davidson CC
Plumbing	III	6/29/2012	6/30/2012	Fri - Sat	8:00 - 5:00	Davidson CC
Plumbing	III	9/7/2012	9/8/2012	Fri - Sat	8:00 - 5:00	Davidson CC

Course listings are updated often during the year. Call the college for the most current courses.

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

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 McNeil	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
Charlotte Fire Dept.		Teresa Alexander (Fire Courses at CPCC)		704-336-2058
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		919-536-7240
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	Starr Beal		919-209-2081
Lenoir CC	Kinston	Phoebe Emory X 713	Sarah Lane X 722	252-527-622
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	Lynn 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		919-866-5828
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: 2009 Building, Residential Codes and 2004 Manufactured Buildings/Mobile Home Regulations

Building, Level II and III: 2009 Building Code

Electrical: 2008 Electrical Code

Fire Prevention: 2009 Fire Prevention Code

Mechanical: 2009 Mechanical and Fuel Gas Code

Plumbing: 2009 Plumbing Code

Law and Admin: 2009 Administrative Code and Policies, Board Rules

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