



**Safety to Life Through Code Enforcement**

# COCCO

North Carolina Council of Code Officials

## USING THE STRENGTHS

*Tim Bradley, Senior Deputy Commissioner of Insurance, Assistant State Fire Marshal*

One thing you tend to notice when working with organizations is that leaders often do not utilize the strengths of their employees. I know that there are often very good reasons such as promotional guidelines, agency requirements, personnel shortages, etc., and in some cases it may even be intentional. I suspect someone could make the same observation about our agency, but I truly try to take advantage of the various strengths in employees. It's not an easy thing to do, but it's something I strive for. It keeps frustration down in employees and usually creates a better product. How often have we quietly struggled to find a solution to a problem, only to be told by someone else that one of our employees was an expert in that area.

Consider the hypothetical scenario where an agency, conducting a leadership forum, calls together the leadership from several different divisions and presents them with a challenge. Selected are an engineer, accountant, machinist, and a inspection manager. They are presented, as a group, with a team challenge. They are to select a leader, develop a plan, and accomplish a specific objective within 30 minutes. They are led into a practically empty room in the center of which is a 4 foot high glass tube, about 1 and 1/2 inches in diameter, bolted to the floor with a steel bracket with a ping-pong ball inside the tube at the very bottom. The tube is closed at the bottom, but open at the top. They can use anything in the room to remove the ball, which they must do in 30 minutes, but they cannot break the glass or damage the ball. As they glance around the room they see a table beside the water fountain with several items neatly placed. The items include; a hack saw blade with no handle; a tape measure; two metal coat hangers; a plastic cup just larger than the opening of the tube; a ball of twine; and a roll of scotch tape. As the instructor closes the door he indicates the clock has started.

Recognizing that this was a team event, the group wasted only 7 minutes selecting a leader. The inspection manager was suggested first, but the engineer complained that it was a problem designed for his area and he should take the lead. Obviously the machinist objected too since he felt it was more in his area, but the accountant prevailed and said he would put his vote with the inspection manager since he knew inspection departments ran efficient budgets. They each proposed a plan individually to the group as called on by the manager elected as leader. The engineer felt they should measure the depth, design a hook from the coat hangers, and pull the

ball out. Everyone agreed that was best realizing the plan design had taken another 5 minutes. The group then took time measuring, designing or bending the hanger, and working it into the tube. After 12 frustrating minutes they realized time was running short and the plan just wasn't working. There just wasn't enough room to get the hook between the ball and the edge of the glass without damaging the ball. The machinist then grabbed the hack saw blade without a handle and valiantly began to saw away at the bracket, hoping to remove the tube and turn it over allowing the ball to roll out. The accountant placed a piece of tape on a length of string and tried lowering it into the tube, only to find that the narrow sides kept grabbing the tape. The engineer kept staring at the hanger wondering why his plan didn't work, and the inspection manager selected as the leader was fussing at all three for not working as a team. The instructor walked in and called time, finding four frustrated individuals.

Going across the hall to the classroom, the instructor praised the group, stating that even though they had not accomplished their mission, they had developed a plan and worked as a team up until the plan seemed to falter. They should also be comforted in the fact that it was actually an impossible challenge. As discussion ensued on planning and leadership, they heard noise coming from the challenge room. Walking back across the hall, they found two 5 year old kids batting the ping pong ball around with the room in soccer format with the hacksaw blade and coat hanger and two other 5 year olds looking like they had been caught with their hands in a cookie jar. The instructor and group quickly realized that the kids had taken the empty cup, filled it with water from the fountain, poured that in the tube (most of it hitting the floor), and floated the ball out. When asked why they had poured water into the tube, one indicated he was making soup, one said the water fountain was tired of holding the water, and the other two both said that they wanted to play with the ball. It became obvious to each that the groups focus on planning, design, calculations, etc., had allowed them to miss the obvious. The moral to the story is that people perform best when they have a vested interest and are allowed to exercise their strengths. (or, if you need to get a safe open tell a five year old there is a cookie inside)

One obvious way to get the right person on the right assignment is to be open with employees about where the agency is going, what new opportunities are available, and surveying them for things they may wish to become involved in. Another way is to tell them a preverbal ball is stuck in a tube, and you may find someone wants to play with it really bad.

# MARK YOUR CALENDARS

## FOR THIS YEAR'S NORTH CAROLINA COUNCIL OF CODE OFFICIALS 9<sup>TH</sup> QUADRENNIAL EDUCATIONAL RESEARCH CONFERENCE

AUGUST 1-4, 2010  
HILTON WILMINGTON RIVERSIDE

It's hard to believe that it has been four years since our last Quadrennial Meeting. For those of you who are not familiar with COCO, it is the Council of Code Officials which is made up of the Building, Plumbing, Mechanical, Electrical and Fire Inspectors Associations. Every four years, these associations come together and meet as one. The separate Association Annual Meetings will not take place this year because the COCO meeting will be the annual meeting for all the associations.

This Conference will include code workshops and discussions on how each code affects the other codes. For the first time, continuing education credits will be given for attending the classes at this conference. Details on how the continuing education credits will work will be in the registration information which will be sent out in the April 2010 COCO Newsletter.

This year's registration fee is \$175 for inspectors, companions and children. A late registration fee of \$200 will be charged for registrations coming in after the cutoff date. Retirees' registration fee will be \$100 for a retired inspector and companion. The registration fee will include a get-acquainted party on Sunday night, a Monday Vendor Showcase luncheon, and a banquet on Tuesday night.

Hotel rooms will be \$129.00 per night plus taxes which includes overnight parking at the Hilton.

Watch for more information about the conference in the April COCO Newsletter. Please mark your calendars and plan your budgets so that everyone can attend. If you have any questions, feel free to call Mary Higgins at 919-733-9042 ext. 205.



## News from the NC Ellis Cannady Chapter, IAEI

### Presidential Views

I hope as you read this newsletter that each of you enjoyed a happy holiday season and are ready to start a wonderful new year.

My name is James Shivar, and I look forward to and appreciate the opportunity to serve as your 2010 Chapter President.

I have been employed and actively involved with the electrical industry within our state for the past 26 years. I have been employed by New Hanover County Electrical Inspections Department for 15 of those years, and currently serve as their Chief Electrical Code Enforcement Official. I have also been a member of the NC of Ellis Cannady Chapter of the International Association of Electrical Inspectors for 15 years.

This association plays a vital role in the education and training of the inspectors and the contracting community within our state, and helps to ensure and promote the uniform and effective enforcement of the NC State Electrical Code. I know we are all facing challenges and tight budget constraints in our current economy, but I hope we can work together this year to keep our membership strong and productive. Every member counts and can make a difference with their con-

tributions and service to our association. Our association is composed of members throughout the state with an abundance of experience and knowledge to share with each other about our industry at every meeting or class we sponsor during the year.

Anyone who attends and participates in any of these workshops or meetings will leave with some important and beneficial information to take back to their own respective workplaces. Please take full advantage of such opportunities by attending any of the numerous continuing education workshops/classes we offer throughout the year, and become an active member within our association. I would also ask that you visit our website at [www.nciae.org](http://www.nciae.org) or contact me for additional information on workshop and meeting schedules. If you are willing to serve on any of our committees or have any questions, suggestions or concerns, please do not hesitate to contact me. Thanks again for this opportunity to serve you.

**James R. Shivar Jr, Chapter President**  
230 Government Center Drive, Suite 110  
Wilmington, N.C. 28403  
Ph: 910-798-7205  
Fax: 910-798-7060

## Industry Events

### NC IAEI Continuing Education 1 Day Seminar

January 14, 2010

Martin Community College, Bldg. 1, Room 14

Williamston, NC

### NC IAEI Continuing Education 1 Day Seminar

January 28, 2010

Forsyth Community College, Room 36

Winston Salem, NC

### NC IAEI Membership Committee Meeting

Tue, Feb 2, 2010

NC State Board of Examiners of Electrical Contractors

Raleigh, NC

### NC Electrical Institute

April 6-7, 2010

North Raleigh Hilton

Raleigh, NC

### NFPA Conference and Expo

June 6-9, 2010

Mandalay Bay Convention Center

Las Vegas, NV

### Carolina Electrical Contractors Association

Annual Convention

June 24-27

Hilton Head, SC

### NC Association of Electrical Contractors

Annual Convention & Trade Show

June 17-19

Myrtle Beach, SC

### NC Council of Code Officials

(Also the NC Chapter IAEI Annual Meeting)

Aug 1-4

Hilton Riverside, Wilmington NC

### IAEI Southern Section

October 2010

Savannah GA

See our website for more information and directions & maps:  
[www.nciae.org](http://www.nciae.org). (Meetings page).

### NC IAEI Electronic Newsletter

Our third newsletter was sent this fall. Statistics from the e-mail-

ing were as follows: Statistics from the e-mailing were as follows: Out of the 475 e-mails, 24% "Bounced" (invalid e-mails or misspelled, or other reason), 47.1% were opened, and out of the ), 47.1%, 59.4% "Clicked through" to look at specific pages. The largest number of people look at our "Meetings" page (34.2%). Many chapter member e-mails are still not available, but we are starting to expand our email list. Join our mailing list – go to [www.nciae.org](http://www.nciae.org) (Contact us page).

### Press Releases

Watch for NC IAEI Press Releases on the internet. Our Public Relations and Publicity Committee is working on news releases for Continuing Education, the "I Am Safety Smart" program and other special events and electrical industry information

### Faces and Places

Congratulations to our long-time members. Awards were presented at our Southern Section meeting in Tulsa, Oklahoma in October 2009:

50 Years - Joseph Reynolds

45 Years - Larry Weant

30 Years - Robbie Brooks

25 Years - Jesse Skinner

### Robbie Brooks Recognized for 30 Years of Service

The staff and board members of the NC State Board of Examiners of Electrical Contractors surprised Robbie with a luncheon to honor his 30 years of service. Also in attendance were Robbie's wife, Kim and longtime friend and mentor, Curtis Kennedy. Mr. Kennedy told an amusing story about the day Robbie was hired.

Congratulations, Robbie on a job well done.

### Building Inspector job open in Surf City NC

*Building Inspector, Department: Community Development*

#### Duties and Responsibilities

Building inspector responsible for planning, directing and implementing the Town's overall building inspections programs, to include electrical, building, plumbing and mechanical; responsible for enforcement of the Town's minimum housing code and the NFIP.

#### Minimum Requirements

Requires certification from North Carolina Code Officials Qualification Board at level II or III in all areas of inspection with considerable work experience with NC Building Codes and building trades. Successful candidate must possess strong managerial experience; excellent problem-solving and customer service skills, high level of professionalism; ability to communicate effectively orally and in writing; valid NC driver's license required. Degree in relevant field preferred. Reports to Town Manager.

#### Position open until filled

Please submit resume to the Town of Surf City  
214 North New River Drive  
Surf City, NC 28445  
Fax: (910) 328-4132

## Retirements:

### Mickey Shuskey retires from Greensboro Inspections Department.

In 1964 Mickey graduated from Guilford Technical Institute with a two year certificate in Architectural Drafting. In 1966 he married Kay and went to work with his dad who owned and operated an electrical contracting firm. In the spring of 1970 he graduated from Guilford Technical Institute's Electrical Apprenticeship Program and that same year he received his Unlimited Electrical Contractor License from the N.C. State Board of Examiners of Electrical Contractors.

In 1968 he joined the High Point Jaycee's serving as chair for forty-one projects, spent three years on the Board of Directors, and received numerous awards including his favorite - the 1977 United States Jaycee's Chairman of the Year for the Blown Gas and Fuel World Drag Boat Championships at Oak Hollow Lake, in High Point, North Carolina.

In January 1980 he made a very important decision to dedicate his life to Jesus Christ's way of life. As member of the High Point Soccer Association, he served as president in 1982. He was the goal keeper coach with a High Point Stars soccer team that traveled to a tournament in Heidi, Germany in 1984 finishing with 7 Wins - 3 Ties - 0 Loses .....and won that tournament! This very same team won the NC State Championship.

In 1983-84 he served the High Point Electrical Contractors Association as President. He went with the City of Greensboro as an electrical inspector in 1983 and later served as Chief of Electrical Inspections. In 2005 he was President of the North Carolina Ellis Canady Chapter of the IAEL and that same year was awarded the North Carolina Inspector of the Year. Mickey was awarded a Presidents Leadership award in 2007 and in 2008 received the Twelfth Annual Richard B. Boyd, Jr. Award (DSA).

Mickey retired as Chief of Electrical Inspections, City of Greensboro, November 31, 2009 after serving a rewarding forty-four years in the electrical industry.

## Behind the Scenes

Thanks again to all our Instructors for Continuing Education - they are constantly changing, improving our classes and helping us to have the best continuing education classes available. If you know our instructors, please thank them for their service. Instructors: Julian Burns, Gerald Harvell, Mark Tighe, Don Hursey, Danny Thomas, Jody Griffen, Jerry Burch, Cory Tate, Bob Smith, Mike Whitt, Chris Faucette, Mark Griffin. A special thanks to Al Parris and all the support from the local jurisdictions.

## Product Safety

OSHA 29CFR191.303a, 399 definitions, interpretation letters. In spite of the recent NC law exempting "Industrial Machinery" from building/electrical inspections, Federal and State (OSHA) law requires all electrical equipment in the workplace to be listed or labeled by an approved NRTL. Especially with the new State exemption, this puts the responsibility for any incidents and "accidents" squarely on the workplace owner - in other words, the jobs providers and contributors of our local economy - rather than the equipment manufacturer

and seller, where the responsibility should be. In the end, the owner of the workplace now bears the entire liability for non-certified, not-tested equipment and the injury and fatality from incorrectly designed electrical equipment.

Classification of Hazloc areas. In the course of product safety inspections of hazardous location equipment and systems, testing laboratory inspectors discover that many areas have not ever been classified. As with electrical inspectors, testing laboratories are reluctant to classify areas, there is a tendency to err on the side of caution. It is recommended that a PE or Engineering Firm with Hazloc experience be hired. Sometimes the facility owner can save a considerable amount of money and still meet the level of safety required with a careful classification.

## Electrical Incident Report

Virginia Peanut processor facing fines for safety breaches, worker death.

Jan 8, 2010, Rory Harrington, Decision News.

Birdsong Corp peanut processing company is facing fines of \$137,250 after being cited for 41 health and safety violations by authorities in the United States.

The US Department of Labor's Occupational Safety and Health Administration (OSHA) announced the proposed penalties against the Virginia-based firm after investigations uncovered a string of safety violations at its Georgia facilities over a four-month period. Some of the breaches were leveled against Birdsong following the death of one of its workers in an industrial accident.

The agency was highly critical of the company after three inspections between June and September 2009 all revealed infringements. "Our inspections, and a worker fatality at the Blakely plant, show the need for management to get serious about the safety and health of its employees," said Robert Vazzi, OSHA's area director in Savannah. The agency probe of Birdsong began last June, when officials uncovered 21 serious safety violations and one 'other-than-serious' violation at its Sylvester and Blakely plants. Problems included lack of machine guards, fall hazards, electrical hazards, a lack of emergency lighting and unmarked exit doors. Four more breaches - including three serious examples - were found the following month.

In September, a worker was killed after becoming trapped in a conveyor belt. The incident triggered what the OSHA called a "comprehensive inspection" which led to the issuing of three more serious safety violations and one other-than serious violation - including lack of machine guarding and lack of guardrails. During the investigation, officials became concerned about possible combustible dust hazards at the plant. A separate combustible dust inspection was launched - resulting in citation of 11 more serious violations.

The inspections resulted in proposed penalties of \$137,250 - \$88,200 for the Sylvester plant and \$49,050 for the Blakely plant. The company has 15 business days from receipt of the citations to comply, request an informal conference with OSHA's area director or contest the citations and proposed penalties before an independent panel, said the OSHA.



## Safety Reminder

There have been reports of Solar PV system installs without a license. If you see someone installing this equipment without a license get them to stop the work. On the NC Board of Examiners of Electrical Contractors website there is more information on the subject. Go to [www.ncbeec.org](http://www.ncbeec.org) for more information.

PPE reminder: Everyone who does live work or inspections, (Sometimes it is unavoidable) remember to use the proper Personal Protection Equipment. Julian Burns has provided information on some companies he has used.

Workrite Uniform: 1-800-521-1888

### Flame Resistant Clothing

Certifies Insulated Products: 12102 Conway Road, Beltsville, Maryland 20705

### Flame Resistant Clothing & Tools

Salisbury: 101 E. Crossroads, Bolingbrook, IL 60440

Also, the Chapter has high quality 100% cotton shirts to complement your PPE clothing. Buy one of our shirts at the NC Electrical Institute in April.

Safety group recommends removing lights after holidays. The Electrical Safety Foundation International encourages consumers to take down, inspect, and store all decorations during the first week of January.

According to the U.S. Fire Administration, nearly 156,000 fires occur during the winter holiday season, causing 630 deaths, 2,600 injuries, and approximately \$936 million in property damage. Each year, there are more than 200 fire-related injuries and fatalities on Dec. 31 and Jan. 1 alone.

"Holiday decorations are meant for temporary use," said ESFI President Brett Brenner. "Keeping your decorations up for extended periods leaves wires unnecessarily exposed to the elements, which can decrease the product's shelf life and increase the risk of electrical hazards, such as fire, shock, and electrocution."

ESFI offers the following suggestions for wrapping up after the holidays and ensuring that decorations are removed and stored properly so that they will be safe for use next year:

- Look for and discard broken or faulty lights.
- Ensure that electrical cords are in good condition, and wire insulation is not frayed or cracked.
- Separate and label indoor and outdoor decorations.
- Inspect ladders for loose or missing screws, hinges, bolts and nuts.
- Avoid yanking or tugging on electrical cords when unplugging them to prevent damage to the cord.
- Store decorations away from children, pets and water.

Please pass this information along.

## Code Enactments and Activity

Fire Alarm questions are being added to the Electrical Contractor examination questions. Check the NCBEEC Website for more info: [www.ncbeec.org](http://www.ncbeec.org)

North Carolina Building Codes Council Meeting. Gerald Harvell attended the last meeting, details will be posted on our website [www.nciae.org](http://www.nciae.org). Look in the right-hand column for the summary.

### Continuing Education with NC IAEI

Our classes in Asheville, Goldsboro and Asheboro were a big success, and attendance has been increasing every year. Check our website for more upcoming classes: [www.nciae.org](http://www.nciae.org). Go to the "Education" or "Meetings" pages. If you know someone who would appreciate the chance to attend classes in their part of the state, please have them check our website.

### Energy Saving Ideas and News

Solar cell efficiency is up to 41%. This could potentially bring Solar energy power down to about \$3 per watt. See our website for more information. Look for a note on the right-hand side of our main web page.

**2008 NEC Code books.** 2008 Code books are still available. Make sure everybody you know that uses the Code has an opportunity to have their own copy. Check our website [www.nciae.org](http://www.nciae.org) for Code books available, as well as other educational materials and IAEI NC Chapter promotional items.

2008 Code \$60. Analysis \$ 45 Save on shipping and handling – pick up your books at one of our classes!

**NEC Continuing Education Classes for 2008-2009.** Our continuing education classes for 2008-2009 are already a great success! Thanks to all those who have attended and registered for the 2009 season, 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, 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.nciae.org](http://www.nciae.org).



## News from the NC Building Inspectors Association

**H**ello to all of you; I know you're struggling right now to get back into the swing of things after a wonderful Holiday season. I hope you had a Happy Thanksgiving, a Merry Christmas and please share our hopes for a great 2010. I'm sure it's difficult getting around the inspection sites when your pants are a little tight in the waist after putting on the Christmas 10, (that's pounds by the way, now don't you wish you had taken one less piece of that pumpkin pie). Anyway I'm sitting here at a svelte 210 pounds, which might not be so bad if I were 6'2" instead of 5'9". There, that's better, I let out the belt a notch, now I can get some oxygen to my brain.

There's a challenge for us this year as code officials, and that challenge is to stay involved in our professional organizations, and stay motivated to improve our departments and keep "Integrity, Professionalism, and Education" at the core of our ideals for effective customer service. If you are an Inspections Department then you are a service organization. The person or business entity who purchases a permit from your office, or asks you to help them understand applications of the code, is your customer. The person who resides at the address beside the site where a new structure is being built, you know the one who has been impacted by silt leaving the jobsite and covering the street, or the one who had trash blown into their yard during last weeks windstorm is a customer. The other departments that interact with you, Streets, DOT, Utilities, Fire, ...the list goes on, they are all customers who deserve great service.

The best way to promote great service is to be "involved". Be a part of the process; be positive, be professional, be proactive and be "Present". Let others know they can count on you, and let them know that it works both ways. Each one of us has a role to play, a position to fill, a commitment to be met, and a goal to be accomplished. We may not feel like we're getting the credit we deserve, but then who cares as long as the job gets done, and it's done right. Ronald Reagan had a sign on his desk that read, "A single person can get anything they want done as long as they don't care who gets the credit." And that is the truth. Why am I bringing this up now? Because I want us to be involved. I want us, you and I, to be "Present." I want us to support our NCBIA and our BCC. The way to do that is to be present and to be aware.

To actively support your NCBIA and your BCC doesn't mean that you agree with every action they take, every continuing education course they provide, or the code changes they endorse;

but it does mean you know what the changes are, that you voice your opinion or exercise your vote, and that you get involved in the process. There are a few code changes that will be coming to the March BCC meeting for a vote that are very important. Not just in their effect as items to be enforced as part of the code, but in the effect they will have on the way we run our inspections departments. If you go to <http://www.ncbuildingcodes.com> and look at the BCC agenda you will find Item C-8 and Item C-9 on page 10. Read the proposal. By striking out the words, "inspection and to provide access to and means for inspection of the work for", from 107.2 in the Administrative Code, the Council can literally change the way we do business by shifting a huge amount of responsibility from the contractor to the local Inspections Department. Currently the contractor is responsible for providing "access to and means for inspection or the work" for the work on which they have requested an inspection. Removing the words quoted above from 107.2 shifts the burden to the authority having jurisdiction. Think of the expense of ladders, vehicles, testing equipment, time and efficiency; and the burden those items would put on already stressed municipal budgets. I do not have room for a stepladder in the back of my fuel efficient Toyota Corolla. And if the electrician running conduit 26' above the floor in the new storage warehouse across town sends their scissor lift back to Sunbelt Rentals to save the extra day's rental fee, then I am not sure if I can get one in the trunk. And let's talk about the time it takes to strap a ladder on to the newly purchased luggage rack (remember you can't leave them on the vehicle overnight, you park in a public lot, shared by eight other businesses and open 24 hours a day, your new ladder may not be there tomorrow if you leave it overnight). Then you have to unload it, carry it into the structure, set it up for the inspection, break it down, carry it back to your vehicle and strap it back to the top. Did I mention you just doubled the time it normally takes to perform a residential building final. So if you had four finals today, you will only get to do two of them. I won't bore you with more examples; I'm sure you've already thought of several of your own. And if you increase the amount of time it takes to perform an inspection that only means that you perform fewer inspections per day. This change will cost inspections departments millions of dollars statewide. And even if it was a good idea, which it isn't, we couldn't afford it now.

The other change, Item C-9 would add language to 107.3 in the Administrative Code. The specific language added would be a single sentence, "In the event code violations exist the CEO shall specifically identify the provisions of the technical code found to be inconsistent with the inspection." I am told the purpose of this revision is to make it easier for contractors to identify the specific areas to address while taking corrective measures. I applaud the effort, communication is the most important key to effective service, but we already post corrective notices, post comments for the contractors to view online, call contractors, talk to contractors and



their subs on the job sites, and perform any number of other services to help the contractor achieve "our mutual goal" of building the best house possible, and ensuring that it is code compliant. I certainly am not averse to spending extra time on the phone with a contractor who is not quite sure what my comments mean, or meeting him or her on the job site when possible to discuss better more efficient and cost effective ways to reach compliance. What does concern me is carrying four books to a job, and citing specific code references for each violation. Can you imagine carrying the '09 Building Code, Rehab Code, ANSI Standard and the Energy Conservation Code in with you to do an inspection on a commercial structure. It could easily happen. This language could easily change a 30 minute framing inspection to a 2 hour inspection on a residential house. And then you would have to answer the question, "What does it mean to say Type II rail under R311.5.6.3? Oh, and where do I get a code book?" Guys, I'm not knocking builders, they do a great job; they just approach their job with a different focus than a building inspector does. We all believe, builders and

inspectors alike, that we're in the same industry. We just perform different yet equally crucial tasks. I want us working together, but I want us working smart.

Let's work smart, let's work together, and let's get involved. When it comes time to take advantage of the opportunities our professional associations and our councils and committees, both state and local, offer us, be the one who answers "Present" when the roll is called.

*Thanks for all you do, every single day.*  
**Dan Dockery, Publishing Committee Chair**

If you have issues, code questions, concerns about our business, good ideas, programs that work, then share them with us so that we can help one another. The NCBIA is an organization that promotes the interests of all of us; it is our organization, let's make it the best it can possibly be.

dand@cityofws.org

## NCBIA Education Seminars 2010

Please Check One!

- Seminar 1: \_\_\_\_\_ Sheraton, Atlantic Beach, NC – January 25-28  
 Seminar 2: \_\_\_\_\_ Days Inn, Southern Pines, NC – February 22-25  
 Seminar 3: \_\_\_\_\_ Park Inn, Hickory, NC – March 22-25

Name: \_\_\_\_\_ Title: \_\_\_\_\_

Jurisdiction or Company: \_\_\_\_\_

Street Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip: \_\_\_\_\_

E-Mail: \_\_\_\_\_ Phone: ( \_\_\_\_\_ ) \_\_\_\_\_ - \_\_\_\_\_

If you are unable to attend all three 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 area you wish to receive CE credit each day!

	<u>CODE</u> <u>OFFICIALS</u> <u>or Members</u>	<u>Non-Members</u>	<u>Q-BOARD ID #</u> <u>For CE Credit</u> <u>Select One Each Day</u>
Monday	\$ 60.00 _____	\$120.00 _____	Bldg _____
Tuesday	\$ 60.00 _____	\$120.00 _____	Bldg _____ or Plum _____
Wednesday	\$ 60.00 _____	\$120.00 _____	Bldg _____ Fire _____ or Mech _____
Thursday	\$ 60.00 _____	\$120.00 _____	Bldg _____ or Elect _____
All 4 Days	\$240.00 _____	\$480.00 _____	(include certificate numbers)

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.**
- **NCBIA is an Approved Sponsor for the NC Board of Architecture.**
- **Attendance Certificates will be available (6-credit hours/day).**
- **Complete a separate registration form for each attendee.**

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

**North Carolina Building Inspectors' Association, Inc.**

**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 confirmation will not be sent. Please contact Jean Williams at Jean.Williams@ncdoi.gov or (919) 661-5880 (x260) if you need to verify registration.

## NCBIA Education Seminars 2010 Agenda

<p><b>Monday, 1/25, 2/22, 3/22</b></p> <p>7:30 a.m. – 8:15 a.m. 8:15 a.m. – 10:00 a.m.</p> <p>10:00 a.m. – 10:15 a.m. 10:15 a.m. – 12:00 p.m.</p> <p>12:00 p.m. – 1:00 p.m. 1:00 p.m. – 2:45 p.m.</p> <p>2:45 p.m. – 3:00 p.m. 3:00 p.m. – 4:45 p.m.</p>	<p><b>Building – Topics &amp; Speakers</b></p> <p>Registration Accessibility—Chapter 11(10, 34) William Whaley, Avery County</p> <p>Break Accessibility—Chapter 11(10, 34) William Whaley, Avery County</p> <p>Lunch Wall and Roof Covering David Conner, PE, NCDOT</p> <p>Break Deck Construction Dan Dockery, Winston-Salem/ Forsyth County</p>	<p><b>Wednesday, 1/27, 2/24, 3/24</b></p> <p>7:30 a.m. – 8:00 a.m. 8:00 a.m. – 10:00 a.m.</p> <p>10:00 a.m. – 10:15 a.m. 10:15 a.m. – 12:15 p.m.</p> <p>12:15 p.m. – 1:15 p.m. 1:15 p.m. – 3:15 p.m.</p> <p>3:15 p.m. – 3:30 p.m. 3:30 p.m. – 4:30 p.m.</p>	<p><b>Building/Fire/Mech – Topics &amp; Speakers</b></p> <p>Registration Shafts, Barriers and Partitions William Whaley, Avery County</p> <p>Break Shafts, Barriers and Partitions William Whaley, Avery County</p> <p>Lunch Fire and Smoke Dampers Richard Cravy, Ruskin</p> <p>Break Building/Fire/Mech Code Q&amp;A, Major Changes Education Committee, NCBIA</p>
<p><b>Tuesday, 1/26, 2/23, 3/23</b></p> <p>7:30 a.m. – 8:00 a.m. 8:00 a.m. – 10:00 a.m.</p> <p>10:00 a.m. – 10:15 a.m. 10:15 a.m. – 12:15 p.m.</p> <p>12:15 p.m. – 1:15 p.m. 1:15 p.m. – 3:15 p.m.</p> <p>3:15 p.m. – 3:30 p.m. 3:30 p.m. – 4:30 p.m.</p>	<p><b>Building/Plumbing-Topics &amp; Speakers</b></p> <p>Registration Accessibility—ANSI A117.1 Laurel Wright, NC Department of Insurance</p> <p>Break Accessibility—ANSI A117.1 Laurel Wright, NC Department of Insurance</p> <p>Lunch Water Conservation Systems Harry Van Wagenen, Cary</p> <p>Break Building/Plumbing Code, Q&amp;A, Major Changes Education Committee, NCBIA</p>	<p><b>Thursday, 1/28, 2/25, 3/25</b></p> <p>7:30 a.m. – 8:00 a.m. 8:00 a.m. – 10:00 a.m.</p> <p>10:00 a.m. – 10:15 a.m. 10:15 a.m. – 12:15 p.m.</p> <p>12:15 p.m. – 1:15 p.m. 1:15 p.m. – 3:15 p.m.</p> <p>3:15 p.m. – 3:30 p.m. 3:30 p.m. – 4:30 p.m.</p>	<p><b>Building/Electrical – Topics &amp; Speakers</b></p> <p>Registration Lighting &amp; Electrical, Energy Conservation Margie Meares, Mathis</p> <p>Break Lighting &amp; Electrical, Energy Conservation Margie Meares, Mathis</p> <p>Lunch Receptacles - Location, AFCI and GFCI Mark Tighe, Winston- Salem/Forsyth County</p> <p>Break Building/Electrical Code, Question and Answer Education Committee, NCBIA</p>

## NCBIA Winter Code Seminars 2010

Atlantic Beach, NC  
January 25–28, 2010  
Sheraton Hotel, (252) 240-1155, (800) 624-8875, \$58.00 + Tax  
– Single/Double  
[www.sheratonatlanticbeach.com](http://www.sheratonatlanticbeach.com)  
Reservations, Group Reservations, Password "building"  
Reservations must be made by 12/25/09.  
**Directions:** Take Hwy. 70 East to Morehead City, follow signs to Atlantic Beach. Cross over the high-rise bridge and turn right at the stop light onto Fort Macon Rd. The Sheraton is 2 miles on the left.

Southern Pines, NC  
February 22–25, 2010  
Days Inn, (910) 692-8585, (800) 262-5737  
[www.daysinn.com](http://www.daysinn.com)  
\$63.75 + Tax – Single, \$73.75 + Tax – Double  
Reservations must be made by 2/6/10.  
**Directions:** From North take Highway 1 South to Southern Pines. Take Morganton Rd Exit. Make a Right onto Morganton Road. Hotel is on the Right

Hickory, NC  
March 22–25, 2010  
Park Inn, Gateway Conference Center, (828) 328-5101, (800) 789-0686  
[www.parkinn.com](http://www.parkinn.com)  
\$72.00 + Tax – Single/Double  
Reservations must be made by 2/28/10.  
**Directions:** From East take Hickory exit 123 onto US 321 North. Take the first exit 44 to stoplight. Take a right at the light onto US 70. Gateway Conference Center - Park Inn is on the right.

**Question and Answer Sessions**  
The last 3-days will conclude with a Question and Answer wrap-up session from 3:30PM until 4:30PM. Please bring written questions with you pertaining to the daily topics. The Education Committee and Speakers will be available to address your questions.





# News from the Mechanical Inspectors Association

## 2010 Mechanical Workshop

The NC Mechanical Inspectors Association Board of Directors and Educational Committee met on November 19, 2009 and planned the 2010 Mechanical Inspectors Association sponsored workshops. A formal notice will be mailed with all the details during the month of January, 2010. Six workshops were scheduled at different locations across the state to provide several opportunities for inspectors to attend a workshop. Each workshop will be a one day workshop that will provide six hours of continuing education credit for mechanical inspectors. Workshop dates are March 17 in Morganton at Western Piedmont Community College, April 21 in Rocky Mount at Edgecombe Community College, May 12 in Jacksonville at the Agriculture Extension Agents, June 23 in Monroe at the Monroe Country Club, September 1 in Wilson at the City of Wilson Operation Center, and October 6 in Burlington at the Paramount Theatre. Topics planned include discussion of the 2009 NC Mechanical Code, the 2009 NC Gas Code, the 2009 NC Energy Code, and DOI interpretations. The State Board of Plumbing, Heating, and Fire Sprinkler Contractors will also participate at our workshops. The registration fee is \$60 for NC MIA Association members and \$100 for nonmembers. A registration form is included in this newsletter.

The NC Inspectors Qualification Board has a continuing education program in place that requires continuing education for inspectors from approved sources. The NC Mechanical Inspectors Association is an approved provider of continuing education courses. The general requirements are for six hours of continuing education to be obtained by June 30 of each year for each standard certificate you have active. Up to six hours may be carried forward to the next year. The current year for continuing education runs from July 1, 2009 to June 30, 2010. Mrs. Kathy Williams is the continuing education program coordinator and she is available to answer any questions concerning the program requirements. She can be contacted at (919) 661-5880 x-245.

## Scholarships

The current NC MIA Board for 2009-2010 is as follows:

Ray Rice -	President
Danny Plummer -	President-Elect
Ronnie Greene -	Vice-President
Janie Sutton -	Secretary-Treasurer
Danny Bryan -	Two-Year Director
Alec Arthur -	Two-Year Director
Paul Ezell -	One-Year Director
Marshall Perry -	One-Year Director
Charles Taylor -	Ex-Officio

President Ray Rice and all the Board members wish everyone a safe and happy New Year. If you have an idea or concern that you would like addressed by your Board of Directors, please contact any Board member.

## Scholarships to be Awarded

The NC MIA Board has authorized scholarships to be awarded at

the NC MIA Annual Meeting. The Board has authorized a maximum of seven scholarships and the award amounts will be determined immediately prior to the annual meeting. If you would like to receive a scholarship application, please contact Janie Sutton at (919) 661-5880 x-237. The criteria to satisfy for eligibility for a scholarship award are as follows:

1. The student applicant shall be a spouse, child, or dependent of a living mechanical inspection certificate holder who is working for a building inspection department of the City, County, or State Government, and further that such City, County, or State Agency or department shall be an active member of the NC Mechanical Inspectors Association for at least five (5) years. The mechanical inspection certificate holder shall be an active mechanical inspector with a minimum of five (5) years' mechanical field inspection and/or plan review experience, beginning minimally with a probationary certificate. In order to be eligible for a scholarship, the jurisdiction must be in good standing in payment of Association dues.
2. The student applicant shall agree that the use of grant funds shall be predicated on his or her enrollment or continuance of education in a recognized and/or accredited school such as a college, university, trade school, business college, or as may be acceptable to the NC Mechanical Inspectors Association Scholarship Committee and Board of Directors.
3. The applicant shall possess qualities of good character and integrity.
4. The applicant shall provide a record or evidence of satisfactory scholastic or school grades, ability, ambition, and desire for continuance of education.
5. The grant of funds may be utilized by a student for continuance of succeeding year or years upon satisfactory academic progress, subject to review by the NC Mechanical Inspectors Association Scholarship Committee. The maximum number of years that funds may be granted a student is four (4) years. All students desiring continuation of funding must apply each year by submitting this application form.
6. Application deadline is June 1, 2010. Please note that there is a new scholarship application that replaces the application used in past years. Only the new application will be accepted. The applicant's file must be complete by June 1, 2010 to be eligible to be considered for scholarship. Applicants are encouraged to complete their submission and supporting materials required well in advance of this date.

## Life Memberships

The NC MIA Scholarship/Awards Committee will recommend nominees at our 2010 Annual Business Meeting for consideration for election to Life Member membership status. The general membership will vote on the nominees at our annual business meeting. If you would like to nominate a retired mechanical inspector for consideration, please complete a Life Membership nomination form and forward to Janie Sutton at NC DOI. A copy of the form may be obtained by calling Janie Sutton at (919) 661-5880 x-237.

## The New 2009 NC Building Code Is Based on the 2006 International Building Code

The new 2009 NC Building Code is modeled from the 2006 International Building Code and became effective January 1, 2009.

The new NC Building Code Volumes for Mechanical, Gas, and Energy are based on the 2006 editions of the corresponding ICC codes with the inclusion of NC amendments. One very significant change approved by the NC Building Code Council was to continue to eliminate the mechanical, gas, and plumbing sections from the 2009 NC One and Two Family Dwelling Code. The 2009 NC One and Two Family Dwelling Code references the 2009 NC Mechanical, Gas, and Plumbing Codes for requirements. This means that **all** plumbing, mechanical, and gas requirements **will be contained in one respective code book for each discipline**. Please make sure the contractors in your jurisdiction understand this important amendment.

Generally, the new 2009 Edition of the NC Building Code includes the amendments included in the 2006 International Code that were approved since the 2003 ICC codes were published, the NC specific amendments from the 2006 NC Building Code that the ad-hoc committees moved forward, and any separate amendments approved under the rules review procedures since the adoption of the 2006 NC Building Code.

### Development of the 2012 NC Building Code

Ad hoc committees are working on the next edition of the NC Building Code. The 2012 NC Building Code will be modeled upon the 2009 ICC codes and will include NC amendments

### Mechanical Code, Gas Code, and Energy Code Interpretations on the Web

The NC Department of Insurance is placing interpretations of the 2009 NC Building Codes on-line on the DOI web-site. These interpretations can be viewed, downloaded, and printed. The web-site address for the DOI interpretations is: [http://www.ncdoi.com/OSFM/Engineering/CodeServices/engineering\\_codeservices\\_interpretations\\_search.asp](http://www.ncdoi.com/OSFM/Engineering/CodeServices/engineering_codeservices_interpretations_search.asp)

The address for the general NC DOI web-site is <http://www.ncdoi.com>.

Interpretations are included for the Mechanical, Gas, Energy, and Plumbing Codes as well as the other volumes of the NC Building Code. The interpretations are in order by code section number for easy reference.

I encourage you to visit the DOI web site. Information on the status of proposals submitted to the Building Code Council, Building Code Council meeting agendas and meeting minutes, draft amendment packages and minutes for the new codes, and other important information can be viewed from the NC DOI web-site.

### 2010 Mechanical Workshops

The Officers and Directors of the North Carolina Mechanical Inspectors Association are pleased to announce that six workshops will be conducted this year to address the 2009 NC Mechanical, Gas, and Energy Codes. Attendance at any one of the planned workshops will provide six hours of continuing education credit that you may use toward your mechanical certificate continuing education requirement.

Workshops will be offered at six locations. Four workshops are scheduled for the spring and two for the fall. The four spring workshops may be credited to this year's continuing education requirement or the following year. You are allowed to carry forward six hours of continuing education credit to the next year.

The dates and locations of the workshops are as follows:

March 17	Morganton	Western Piedmont Community College
April 21	Rocky Mount	Edgecombe Community College
May 12	Jacksonville	Agriculture Extension Agents
June 23	Monroe	Monroe Country Club
September 1	Wilson	City of Wilson Operations Center
October 6	Burlington	Paramount Theatre

The workshops will provide training relative to the 2009 NC Mechanical, Gas and Energy Codes which are based on the 2006 International Codes. Please bring your new 2009 NC Mechanical, Gas, and Energy Codes with you to the workshop. In addition, we will also discuss DOI interpretations. The State Board of Plumbing, Heating, and Fire Sprinkler Contractors will also share important update information. See the attached workshop agenda and schedule.

The registration fee for the workshops is \$60 for NCMIA members and \$100 for non-members. Please pre-register on the form on page 10.

## NORTH CAROLINA MECHANICAL INSPECTORS ASSOCIATION WORKSHOP AGENDA (ALL LOCATIONS)

8:00 – 8:30	Registration	
8:30 – 10:00	NCMIA Update & New 2009 NC Mechanical Code and Related items	Janie Sutton, PE, DOI
10:00 – 10:15	Break	
10:15 – 11:45	New 2009 NC Gas Code & related Items	Larry Currin, PSNC Energy
11:45 – 1:00	Lunch	
1:00 – 2:30	New 2009 NC Energy Code & related Related Items	Jeff Tiller, PE, Southface
2:30 – 2:45	Break	
2:45 – 3:45	State Board of Plumbing, Heating, And Fire Sprinkler Contractors	Dale Dawson, State Licensing Board
3:45 – 4:15	Workshop Wrap-up & Questions	Janie Sutton, PE, DOI

**REGISTRATION FORM  
NC MECHANICAL INSPECTORS ASSOCIATION  
2010 WORKSHOPS**

NAME \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

EMPLOYER \_\_\_\_\_

PHONE NUMBER (\_\_\_\_) \_\_\_\_\_

ID # \_\_\_\_\_ MECHANICAL CERTIFICATE # \_\_\_\_\_

Note: Your mechanical certificate number must be provided to receive continuing education credit.

**LOCATION AND TIME (PLEASE CHECK ONE)**

\_\_\_\_\_ **MORGANTON – MARCH 17**

Location: Western Piedmont Community College, Moore Hall Auditorium, 1001 Burkemont Avenue (US 64), Morganton

Directions: Exit 103 off I-40, approximately 1/2 mile north

Lodging: Holiday Inn-(828) 437-0171, Days Inn-(828) 433-0011, Red Carpet Inn-(828) 437-6980

\_\_\_\_\_ **ROCKY MOUNT – APRIL 21**

Location: Edgecombe Community College Auditorium, 225 Tarboro Street, Rocky Mount

Directions: Exit 470 off US 64, go south on Atlantic Avenue

Lodging: Days Inn-(252) 977-7766, Holiday Inn-(252) 937-6888, Comfort Inn-(252) 937-7765

\_\_\_\_\_ **JACKSONVILLE – MAY 12**

Location: Agriculture Extension Agents, 4024 Richlands Hwy. (Hwy. 258) , Jacksonville

Directions: Hwy. 258 immediately northwest of Jacksonville

\_\_\_\_\_ **MONROE – JUNE 23**

Location: Monroe Country Club, 1680 Pageland Hwy. (Hwy. 601 South), Monroe

Lodging: Holiday Inn Express-(704) 289-1555

\_\_\_\_\_ **WILSON – SEPTEMBER 1**

Location: City of Wilson Operations Center, 1800 Herring Avenue (Hwy. 42 East), Wilson

Directions: 1/4 mile east on Hwy. 42 from the intersection of Hwy. 301. Building will be on the left. Turn left into the parking lot at the first stoplight and keep to the left. Park in the parking lot.

\_\_\_\_\_ **BURLINGTON – OCTOBER 6**

Location: Paramount Theatre, 128 E. Front Street, Burlington

Directions: Exit 145 off I-85/40, turn north on Maple Avenue, go approximately 3 miles, turn right on Spring Street, go 3 blocks to East Front Street (128 East Front Street). Parking is behind the building or on the street.

\_\_\_\_\_persons @ \$60.00 each – Note: Jurisdiction must be current in NC MIA dues payments to qualify for this rate; this rate also applies to Associate Members current in NC MIA dues payments

\_\_\_\_\_persons @ \$100.00 each

**AMOUNT ENCLOSED: \$** \_\_\_\_\_

**PLEASE MAKE CHECKS PAYABLE AND RETURN TO:  
NC MECHANICAL INSPECTORS ASSOCIATION  
ATTENTION: JEAN WILLIAMS  
1202 MAIL SERVICE CENTER  
RALEIGH, NORTH CAROLINA 27699-1202**



## News from the NC Fire Marshal's Association

The NC Fire Marshal's Association held its fourth quarter meeting on November 4, 2009 at Gaston Community College in Gastonia, NC. This was a joint meeting with the NC County Fire Marshal's Association (NCCFMA).

This was the last joint meeting of the two associations. Both associations voted at this meeting to merge the NC County Fire Marshal's Association and the NC Fire Marshal's Association. This has been an ongoing process for several years. The efforts of NCCFMA President Rick Plunkett and NCFMA president Bobby Hedrick paved the way for a successful merger. As a result, the new North Carolina Fire Marshal's Association will have a more unified voice in dealing with fire protection issues as well with the capability to provide improved service to its membership. The merger is effective January 1, 2010.

The NCFMA continues to work with the NC State Board of Examiners of Plumbing Heating and Fire Sprinkler Contractors with its new residential sprinkler licensing rule for plumbers. Assistant Fire Chief Floyd Fritz and Battalion Chief Blue Born continue to assist the board and staff as needed.

The NCFMA conducted its fall continuing education workshops with classes being held in Conover, Durham and Rocky Mount. The two day work shops offered twelve hours of continuing education credit. Day 1 covered explosives and day 2 covered fireworks including discussion of legislation that now requires fireworks display operator's to possess a permit from the Office of State Fire Marshal. The workshops were instructed by Jerry Coble, Deputy Fire Marshal for Guilford County, ATF staff, Capt. Chris Elrod of the Wilmington Fire Department and Richard Strickland with OSFM. The workshops were a tremendous success with a combined attendance of almost 200.

The next joint meeting of the NC Fire Marshal's Association will be held in Asheville, NC at the Grove Park Inn on February 10, 2010. This meeting is in conjunction with the NC Fire and Life Safety Educator's Conference.

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

*—Submitted by Richard Strickland, Secretary*



## News from the NC Plumbing Inspectors Association

### From the President

Well, it is a new year and most all inspection departments have gone through tough times. Hopefully things are on the

up swing now.

This past November I attended the ICC Annual Conference in Baltimore Maryland. A good time was had by all and I met a lot of new people from all over the country. In 2010 North Carolina will be the host of the ICC Conference in Charlotte, NC. The Building, Mechanical, Plumbing, Fire and the Electrical Inspectors Associations will all have to work together to make this a success. We are asking for volunteers to help out, please contact your local association president and sign up. Together we can make this conference a success. Hope to see everyone in Wilmington for COCO. Thank you

**Harry Threatt**  
President of North Carolina Plumbing Association

### 2010 Workshops

The Officers and Directors of the PIA are pleased to announce five workshops on the 2010 Plumbing Code.

Workshop locations and dates:

- (1) February 10, 2010 in Rocky Mount
- (2) March 11, 2010 in Morganton
- (3) June 16, 2010 in High Point
- (4) October 7, 2010 in Burlington
- (5) November 18, 2010 in Monroe

**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 – 2009 Plumbing Code, Chapter 4
- (2) 2nd class – 2-hours, 10:40am to 12:40pm – 2009 Plumbing Code, Chapter 6
- (3) 3rd class – 2-hours, 2pm to 4pm – Wells

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 on the attached form 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

## 2010 PLUMBING CODE WORKSHOPS AGENDA FOR ALL LOCATIONS

7:30 - 8:15	Registration and Welcome
8:15 - 10:15	Chapter 4, Toilet Facilities, Clearances, etc
10:15 - 10:40	Break
10:40 - 12:40	Chapter 6, Pipe Sizing, BFP, Rain Water, Gray Water Recycle, Reclaim Water
12:40 - 2:00	Lunch (on your own)
2:00 - 4:00	Wells

### REGISTRATION FORM – NCPIA 2010 CODE WORKSHOPS

NAME \_\_\_\_\_  
(same as on your certificate)

EMPLOYER \_\_\_\_\_

ADDRESS \_\_\_\_\_

CITY \_\_\_\_\_ STATE \_\_\_\_\_ ZIP \_\_\_\_\_

PHONE # \_\_\_\_\_ FAX # \_\_\_\_\_

ID # \_\_\_\_\_, PLUMBING CERTIFICATE # \_\_\_\_\_

PLUMBING CONTR. LICENSE # \_\_\_\_\_

LOCATION (PLEASE CHECK ONE)

February 10, 2010 in Rocky Mount – Edgecombe Community College

March 12, 2009 in Morganton – Western Piedmont Community College

March 11, 2010 in Morganton – Western Piedmont Community College

June 16, 2010 in High Point – City Hall

June 14, 2009 in Kill Devil Hills (annual meeting)

Sept. 24, 2009 in Wilson – Operation center

October 7, 2010 in Burlington – Paramount Theater

November 18, 2010 in Monroe – Monroe Country Club

# PERSONS ATTENDING @ \$60 EACH FOR MEMBERS  
 \$ \_\_\_\_\_

# PERSONS ATTENDING @ \$70 EACH FOR NON-MEMBERS  
 \$ \_\_\_\_\_

### DIRECTIONS TO 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).

**Burlington Workshop** – Paramount Theater:  
 Hwy 85/40 from Raleigh Exit 145, turn north on Maple Avenue, go approx. 3 miles, turn right on Spring Street, to 3 blocks to E. Front Street (128 E. Front Street). Parking is behind the building or on the street.

**Monroe Workshop** – Monroe County Club:  
 Monroe Country Club, Hwy 601 South

Please make checks payable and return along with registration form to:  
 NC PLUMBING INSPECTION 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 Code Officials Qualification Board

## Staff Changes

With the recent changes within the Office of State Fire Marshal, the Qualifications Board staff has been reorganized into Code Enforcement Services. We have a new director, Samantha Ewens, and are expanding some of our duties. However, our primary responsibilities remains as staff to the NC Code Officials Qualification Board overseeing the certification and education programs for code enforcement officials. Please feel free to contact us if you have any questions concerning our reorganization

## Quarterly Board Meeting

The quarterly meeting of the NC Code Officials Qualification Board was held at 1:00 PM on October 27, 2009 at 322 Chapanoke Road in Raleigh, NC. The next quarterly meeting is scheduled for January 26, 2010 at 1:00 PM. The agenda for each quarterly meeting can be found on our website at [www.ncdoi.com](http://www.ncdoi.com)

## Presentation of Fifth Standard Level III Certificates

At the October, 2009 meeting, Chairman Lutterloh presented Michael Rettie of the Orange County Inspection Department with his fifth Standard Level III Inspection Certificate.

The number of individuals achieving this level of certification is currently 202.

## Disciplinary Actions from October, 2009 through January, 2010

### Voluntary Settlement Agreement

A Voluntary Settlement Agreement was presented to the Board in the Kakatsh vs. Cherokee County Inspection Department complaint. The complaint concerns code deficiencies within a single family dwelling that was built in 2008 in Murphy, NC. The Voluntary Settlement Agreement resulting in a letter of caution being sent to Jonathan David Crist from the Board

### Other Reports

A report was presented to the Board in the Cartret vs. Davis complaint to indicate that there was a basis in fact to the allegations which would normally result in action by the Board. Kenny Davis is no longer employed as a CEO and has surrendered his inspection certificates. For that reason, the complaint case was placed on hold and will be resolved should application be made to the Board for return of those certificates.

### Fees

As some of you prepare to make your budgets for the next fiscal year, please remember the fees for the following items:

- Renewal fee for each standard and limited certificate is \$10.00/certificate
- Late fee for each standard and limited certificate is \$4.00/certificate  
(Fee added to any certificate renewed after July 1 each year)
- Standard or Probationary Application fee - \$20.00/application
- Standard Exam Registration with Pearson VUE - \$172.00/exam

## Continuing Education

### Program Requirements

Continuing education is required for all code enforcement officials holding active standard or limited certificates. As a condition of certificate renewal, six hours of continuing education must be completed for each active limited or standard certificate per renewal year (by June 30 each year) in each technical area. An individual possessing both an active limited and standard certificate valid for the same area will only be required to complete six hours in that technical trade. Since we are starting the second year of our program, this is an important item to remember: A code enforcement official can only receive credit for the same course once within a three-year period. If continuing education credit is not completed for a specific technical trade, the standard or limited certificate for that area will be suspended until the educational requirement is completed. This will impact your ability to perform your job duties.

A current list of course sponsors is available on our website at [www.ncdoi.com](http://www.ncdoi.com).

### Continuing Education Report

A Continuing Education Report is available online showing each individual with an active standard or limited certificate and the number of hours of continuing education completed and any carryover hours available for renewal year 2010. This report is available on the NC Department of Insurance website at [www.ncdoi.com](http://www.ncdoi.com). You are able to search this document using your certificate number or name to find your information. We will update this document on a monthly basis. Remember that some courses may not show up as quickly as you complete them. Reporting is dependent upon the date the sponsor e-mails the course credit to us.

Since each sponsor is transmitting all continuing education credits electronically, it is imperative that you provide the instructor with your correct Standard or Limited Certificate number and full, complete name. We need the certificate number to apply continuing education hours to the correct technical area. A list of all standard and limited certificate numbers is available online at the NC Department of Insurance website at [www.ncdoi.com](http://www.ncdoi.com) to assist sponsors, instructors, and students when attending continuing education courses. This listing will be updated on a quarterly basis after each certificate issue.

**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.**

Please check this report on a regular basis. If we can catch discrepancies earlier in the year, we can prevent possible suspensions at the end of the renewal year. Again, if you see any irregularities, please contact the staff.

## Computer Based Testing for State Exams

As of November 1, 2009, state exams are only available on computer at Pearson VUE sites across the state. Paper and pencil exams are no longer available. A list of Pearson VUE testing sites in North Carolina and surrounding states is available on our website at [www.ncdoi.com](http://www.ncdoi.com).

Many of you have concerns about taking exams on computers. I hope this information will put you at ease a little until you go through your first exam experience. There are six testing centers in North Carolina and many throughout the surrounding states. You may schedule your test at any Pearson VUE location. For example, if you are closer to Tennessee or South Carolina, you are welcome to schedule your test at any Pearson VUE testing center within those states. You will have an opportunity to go through a tutorial. Please use this option. You will learn how to navigate through the test, how to mark a question for review, check to see if you have answered all questions, and utilize the clock. Your test will begin after you finish the tutorial. If you have questions concerning the use of the computer during or before the test, please ask the proctor. They will be able to assist you with computer questions.

There are many positive options available at each testing center. Each testing center is safe, quiet, and clean. You will be seated at a desk or table with a monitor and keyboard and space for your code book. You will have access to task lighting if you would like to use it. You will be shown one test question at a time. There is no answer sheet to juggle and allows the possibility of omitting an answer and/or getting off number during the test. You will be able to mark questions that you would like to skip and review at a later point in the test. The computer will alert you to questions left unanswered. There is a clock on your computer monitor showing the amount of time remaining for the test. You will be asked several times if you are sure you want to submit your answers just in case you hit this button in error. Lastly, you will be notified of your test performance right after you complete the test.

Registration procedures are available on our website [www.ncdoi.com](http://www.ncdoi.com). Please refer to the Exam Bulletin at the following link for further details concerning registration. [www.iccsafe.org/certification/pdf/NorthCarolinaBulletin.pdf](http://www.iccsafe.org/certification/pdf/NorthCarolinaBulletin.pdf)

You may submit the Exam Request Form at any time for exams taken at Pearson VUE. Just remember, you will need Board approval prior to scheduling an exam with Pearson VUE. The NC Code Official Qualification Board staff still reviews each standard application for completeness and accuracy, check completion of courses and any other requirement(s) necessary to take the state exam. Please submit a standard application and Exam Request Form upon completion of all exam requirements.

**If you do have any problems with registration or the administration of the exam, please contact the staff immediately.**

## Use of Key Word Indexes During Exams

At the October 27, 2009 meeting, a request was made to approve a specific index for use during the state exams. This request was forwarded to the Qualifications and Evaluation Committee of the Board for a recommendation. The Committee presented its recommendation to the Board on December 16, 2009 for final action. Based on this meeting, the Board's decision is to limit index use to that which is provided in each code book. No other indexes are allowed during the exams.

## Use of Tabs During Exams

The Board discussed the use of tabs in code books at the December meeting as well. As a clarification point, the tabs that are included when you purchase the book are allowed as well as any full page pre-printed tabs purchased for the North Carolina State Building Codes. No handwritten or home-made tabs will be usable during the exams at the Pearson VUE sites. If you have any questions concerning this issue, please contact the staff.

## Exam Scoring – Scaling vs. Raw Score

Prior to the outsourcing of examinations, all test scores were based on a raw score where each question was worth the same amount of credit regardless of the level of difficulty. The score consisted of the number of questions answered correctly divided by the number of total questions. The passing score was 70.

When the Board outsourced the administration of the exams, it also asked for a psychometrically sound exam which adds to the credibility and defensibility of the exams. Part of the psychometric development of exams included assessing each question based on its difficulty for each level. The difficulty rating of each question is used in developing the overall level needed to achieve a "passing" score. The use of the difficulty rating per question is called scaling. Scaling provides equality between each examinee because each exam consists of different questions. If an examinee receives an exam composed of more difficult questions, the level needed to achieve a "passing" score is different from an examinee who received an exam composed of easier questions. Based on this information, scaling will be instituted as of March 1, 2010. A notice will be sent to your inspection departments as well. As always, please feel free to call the staff for clarification or comment.

## Verification of Inspection Credentials

When conducting interviews or reviewing applications for employment, it may become necessary to verify certification credentials. We currently have a list of all active certifications on line at [www.ncdoi.com](http://www.ncdoi.com), but if the individual is not listed, please contact the staff. The Board's staff is able to verify an inspector's certification credentials or education records at any time. Based on recent investigation issues, it is imperative to verify this information prior to employment.

## Return of Certifications

This is a reminder that if you leave your employment as a CEO to work outside the inspection field, you will need to return your Board issued certifications. If you are transferring from one jurisdiction to another you would need to transfer your certification by submitting a Certification of Employment form for the new employing jurisdiction. You can find a copy of the Certification of Employment Form on our website at [www.ncdoi.com](http://www.ncdoi.com). If you have questions concerning this item, please contact the Board's staff at 919-661-5880.

## Staff and E-mail Addresses

E-mail addresses for the Board's staff are as follows:

**Samantha Ewens, PE, Director**

*Samantha.Ewens@ncdoi.gov*

**Kathy Williams, Qualifications Service Supervisor**

*Kathy.Williams@ncdoi.gov*

**Sarah van Doornewaard, Administrative Asst.**

*Sarah.VanDoornewaard@ncdoi.gov*

**Shane Phelps, Certification Engineer and Investigator**

*Shane.Phelps@ncdoi.gov*

**Suzanne Taylor, Certification Engineer and Investigator**

*Suzanne.Taylor@ncdoi.gov*

**Celestine Phill, Education Coordinator**

*Celestine.Phill@ncdoi.gov*

## Current Standard Inspection Courses – December 28, 2009

Area	Level	Begin	End	Days	Time	College Name
Building	I	1/8/2010	1/17/2010	Fri - Su	8:00 - 5:00	Asheville-Buncombe CC
Building	I	1/22/2010	1/31/2010	Fri -Su	6-10; 8-8; 8-6	Fayetteville Tech CC
Building	I	1/29/2010	2/7/2010	Fri - Su	8:00 - 5:00	Vance-Granville CC
Building	I	4/16/2010	4/25/2010	Fri - Su	8:00 - 5:00	Central Piedmont CC
Building	I	4/16/2010	4/25/2010	Fri - Su	8:00 - 5:00	Wilkes CC
Building	I	10/15/2010	10/24/2010	Fri - Su	8:00 - 5:00	Central Piedmont CC
Building	II	1/8/2010	1/17/2010	Fri - Su	8:00 - 5:00	Wilkes CC
Building	II	1/22/2010	1/31/2010	Fri - Su	6 - 10; 8 - 4:30	Coastal Carolina CC
Building	II	2/5/2010	2/14/2010	Fri - Su	6 - 10; 8 - 5	Fayetteville Tech CC
Building	II	6/11/2010	6/27/2010	Fri - Su	8:00 - 5:00	Wilkes CC
Building	II	7/9/2010	7/18/2010	Fri - Su	8:00 - 5:00	Central Piedmont CC
Building	III	1/8/2010	1/17/2010	Fri - Su	8:00 - 5:00	Davidson CC
Building	III	2/19/2010	2/28/2010	Fri - Su	8:00 - 5:00	Wilkes CC
Building	III	3/5/2010	3/14/2010	Fri - Su	6 - 10; 8 - 5	Fayetteville Tech CC
Building	III	4/9/2010	4/18/2010	Fri - Su	8:00 - 5:00	Asheville-Buncombe CC
Building	III	4/16/2010	4/25/2010	Fri - Su	8:00 - 5:00	Central Piedmont CC
Building	III	10/15/2010	10/24/2010	Fri - Su	8:00 - 5:00	Central Piedmont CC
Electrical	I	1/8/2010	1/16/2010	Fri - Su	8:00 - 5:00	Fayetteville Tech CC
Electrical	I	2/12/2010	2/20/2010	Fri - Su	8:00 - 5:00	Wilkes CC
Electrical	I	2/19/2010	2/28/2010	Fri - Su	6-10pm; 8 - 5	Vance-Granville CC
Electrical	I	2/26/2010	3/14/2010	Fri - Su	8:00 - 5:00	Davidson CC
Electrical	I	4/9/2010	4/18/2010	Fri - Su	8 - 5pm; 8 - 12pm	Central Piedmont CC
Electrical	I	4/15/2010	4/24/2010	Thu - Sa	8:00 - 5:00	Wilkes CC
Electrical	I	7/30/2010	8/14/2010	Fri - Su	8:00 - 5:00	Davidson CC
Electrical	I	9/24/2010	10/24/2010	Fri - Su	8 - 5pm; 8 - 12pm	Central Piedmont CC
Electrical	II	1/23/2010	1/31/2010	Sa - Su	8:00 - 5:00	Wilkes CC
Electrical	II	2/20/2010	2/28/2010	Sa - Su	8:00 - 9:00	Coastal Carolina CC
Electrical	II	2/20/2010	2/28/2010	Sa - Su	8:00 - 4:30	Fayetteville Tech CC
Electrical	II	3/19/2010	3/27/2010	Fri - Sa	8:00 - 5:00	Wilkes CC
Electrical	II	3/27/2010	4/11/2010	Sa - Su	8:00 - 5:00	Vance-Granville CC
Electrical	II	7/23/2010	7/31/2010	Fri - Sa	8:00 - 5:00	Central Piedmont CC
Electrical	III	2/26/2010	3/6/2010	Fri - Sa	8:00 - 5:00	Wilkes CC
Electrical	III	3/20/2010	3/28/2010	Sa - Su	8:00 - 4:30	Fayetteville Tech CC
Electrical	III	4/10/2010	4/25/2010	Sa - Su	8:00 - 5:00	Davidson CC
Electrical	III	4/23/2010	5/1/2010	Fri - Sa	8:00 - 5:00	Central Piedmont CC
Electrical	III	5/1/2010	5/9/2010	Sa - Su	8:00 - 5:00	Vance-Granville CC
Electrical	III	6/11/2010	6/19/2010	Fri - Sa	8:00 - 5:00	Wilkes CC
Electrical	III	10/15/2010	10/30/2010	Fri - Sa	8:00 - 5:00	Central Piedmont CC
Electrical	III	10/30/2010	11/14/2010	Sa - Su	8:00 - 5:00	Davidson CC
Fire Prevention	I	1/14/2010	1/22/2010	Thu - Sa	8:00 - 5:00	Wilkes CC
Fire Prevention	I	1/15/2010	1/30/2010	Fri - Sa	8:00 - 6:00	Davidson CC
Fire Prevention	I	1/22/2010	1/31/2010	Fri - Su	8:00 - 5:00	Asheville-Buncombe CC
Fire Prevention	I	1/22/2010	1/30/2010	Fri - Su	6 - 10; 8 - 5	Carteret CC
Fire Prevention	I	1/22/2010	1/31/2010	Fri - Su	6 - 10; 8 - 5	Fayetteville Tech CC
Fire Prevention	I	2/13/2010	2/21/2010	Sa - Su	8:00 - 6:00	Vance-Granville CC
Fire Prevention	I	4/2/2010	4/17/2010	Fri - Sa	8:00 - 6:00	Davidson CC
Fire Prevention	I	4/8/2010	4/17/2010	Thu - Sa	8:00 - 5:00	Wilkes CC
Fire Prevention	II	1/11/2010	1/14/2010	Mon - Th	8:00 - 5:00	Blue Ridge CC
Fire Prevention	II	2/20/2010	2/28/2010	Sa - Su	8:00 - 6:00	Fayetteville Tech CC
Fire Prevention	II	2/20/2010	2/28/2010	Sa - Su	8:00 - 5:00	Carteret CC
Fire Prevention	II	3/5/2010	3/20/2010	Fri - Sa	8:00 - 6:00	Davidson CC
Fire Prevention	II	3/5/2010	3/13/2010	Fri - Sa	8:00 - 5:00	Wilkes CC
Fire Prevention	II	3/13/2010	3/21/2010	Sa - Su	8:00 - 5:00	Vance-Granville CC
Fire Prevention	II	6/18/2010	6/26/2010	Fri - Sa	8:00 - 5:00	Wilkes CC
Fire Prevention	III	2/18/2010	2/20/2010	Thu - Sa	8:00 - 5:00	Wilkes CC
Fire Prevention	III	2/19/2010	2/21/2010	Fri - Sa	8:00 - 6:00	Davidson CC
Fire Prevention	III	4/23/2010	4/25/2010	Fri - Su	8:00 - 5:00	Vance-Granville CC
Fire Prevention	III	5/6/2010	5/8/2010	Thu - Sa	8:00 - 5:00	Wilkes CC
Law and Administration		1/8/2010	1/10/2010	Fri - Su	7-10; 8-5; 8-1	Cape Fear CC
Law and Administration		1/22/2010	1/24/2010	Fri - Su	6-9, 8-5, 8-12	Vance-Granville CC
Law and Administration		1/23/2010	1/24/2010	Sa - Su	8:30 - 5:00	Davidson CC
Law and Administration		3/5/2010	3/7/2010	Fri - Su	8 - 5; 8 - 1	Fayetteville Tech CC
Law and Administration		3/13/2010	3/14/2010	Sa - Su	8:00 - 5:00	Wilkes CC

Area	Level	Begin	End	Days	Time	College Name
Law and Administration		3/26/2010	3/27/2010	Fri - Sa	8 - 5pm; 8 - 4pm	Central Piedmont CC
Law and Administration		4/24/2010	4/25/2010	Sa - Su	8:30 - 5:00	Davidson CC
Law and Administration		7/17/2010	7/18/2010	Sa - Su	8:00 - 5:00	Wilkes CC
Law and Administration		8/7/2010	8/8/2010	Sa - Su	8:30 - 5:00	Davidson CC
Law and Administration		10/1/2010	10/2/2010	Fri - Sa	8 - 5pm; 8 - 4pm	Central Piedmont CC
Law and Administration		10/23/2010	10/24/2010	Sa - Su	8:30 - 5:00	Davidson CC
Law and Administration		11/6/2010	11/7/2010	Sa - Su	8:00 - 5:00	Wilkes CC
Mechanical	I	1/23/2010	1/31/2010	Sa - Su	8:00 - 5:00	Fayetteville Tech CC
Mechanical	I	1/23/2010	1/31/2010	Sa - Su	8:00 - 5:00	Wake Tech CC
Mechanical	I	1/23/2010	1/31/2010	Sa - Su	8:00 - 5:00	Vance-Granville CC
Mechanical	I	1/28/2010	1/31/2010	Thu - Su	8:00 - 5:00	Wilkes CC
Mechanical	I	4/10/2010	4/18/2010	Sa - Su	8:00 - 5:00	Davidson CC
Mechanical	I	4/10/2010	4/18/2010	Sa - Su	8:00 - 5:00	Vance-Granville CC
Mechanical	I	4/17/2010	4/25/2010	Sa - Su	8:00 - 5:00	Central Piedmont CC
Mechanical	I	5/13/2010	5/16/2010	Thu - Su	8:00 - 5:00	Wilkes CC
Mechanical	I	10/16/2010	10/24/2010	Sa - Su	8:00 - 5:00	Central Piedmont CC
Mechanical	I	11/6/2010	11/14/2010	Sa - Su	8:00 - 5:00	Davidson CC
Mechanical	II	2/19/2010	2/21/2010	Fri - Su	8:00 - 5:00	Fayetteville Tech CC
Mechanical	II	2/20/2010	2/27/2010	Sa - Su	8:00 - 5:00	Wake Tech CC
Mechanical	II	3/12/2010	3/14/2010	Fri - Su	8:00 - 5:00	Vance-Granville CC
Mechanical	II	3/20/2010	3/27/2010	Sa - Su	8:00 - 5:00	Coastal Carolina CC
Mechanical	II	7/23/2010	7/25/2010	Fri - Su	8:00 - 5:00	Central Piedmont CC
Mechanical	III	1/16/2010	1/17/2010	Sa - Su	8:00 - 5:00	Wilkes CC
Mechanical	III	2/13/2010	2/14/2010	Sa - Su	8:00 - 5:00	Vance-Granville CC
Mechanical	III	2/27/2010	2/28/2010	Sa - Su	8:00 - 5:00	Davidson CC
Mechanical	III	3/13/2010	3/14/2010	Sa - Su	8:00 - 5:00	Wake Tech CC
Mechanical	III	3/13/2010	3/14/2010	Sa - Su	8:00 - 5:00	Fayetteville Tech CC
Mechanical	III	4/10/2010	4/11/2010	Sa - Su	8:00 - 5:00	Central Piedmont CC
Mechanical	III	4/10/2010	4/11/2010	Sa - Su	8:00 - 5:00	Wilkes CC
Mechanical	III	4/17/2010	4/18/2010	Sa - Su	8:00 - 5:00	Wake Tech CC
Mechanical	III	8/28/2010	8/29/2010	Sa - Su	8:00 - 5:00	Davidson CC
Mechanical	III	10/16/2010	10/17/2010	Sa - Su	8:00 - 5:00	Central Piedmont CC
Plumbing	I	1/7/2010	1/10/2010	Thu - Su	8:00 - 5:00	Wilkes CC
Plumbing	I	1/23/2010	1/31/2010	Sa - Su	8:00 - 5:00	Vance-Granville CC
Plumbing	I	2/5/2010	2/13/2010	Fri - Sa	8:00 - 5:00	Davidson CC
Plumbing	I	2/6/2010	2/14/2010	Sa - Su	8:00 - 5:00	Fayetteville Tech CC
Plumbing	I	3/20/2010	3/28/2010	Sa - Su	8:00 - 5:00	Central Piedmont CC
Plumbing	I	4/15/2010	4/18/2010	Thu - Su	8:00 - 5:00	Wilkes CC
Plumbing	I	4/16/2010	4/24/2010	Fri - Sa	8:00 - 5:00	Davidson CC
Plumbing	I	7/16/2010	7/24/2010	Fri - Sa	8:00 - 5:00	Davidson CC
Plumbing	I	10/2/2010	10/10/2010	Sa - Su	8:00 - 5:00	Central Piedmont CC
Plumbing	II	2/13/2010	2/14/2010	Sa - Su	8:00 - 5:00	Vance-Granville CC
Plumbing	II	3/5/2010	3/7/2010	Fri - Su	8:00 - 5:00	Fayetteville Tech CC
Plumbing	II	4/17/2010	4/24/2010	Sa - Su	8:00 - 5:00	Coastal Carolina CC
Plumbing	II	5/18/2010	5/20/2010	Tu - Thu	8:00 - 5:00	Davidson CC
Plumbing	II	7/16/2010	7/18/2010	Fri - Su	8:00 - 5:00	Central Piedmont CC
Plumbing	II	8/27/2010	8/29/2010	Fri - Su	8:00 - 5:00	Davidson CC
Plumbing	III	2/20/2010	2/21/2010	Sa - Su	8:00 - 5:00	Wilkes CC
Plumbing	III	2/26/2010	2/27/2010	Fri - Sa	8:00 - 5:00	Davidson CC
Plumbing	III	3/27/2010	3/28/2010	Sa - Su	8:00 - 5:00	Fayetteville Tech CC
Plumbing	III	4/10/2010	4/11/2010	Sa - Su	8:00 - 5:00	Central Piedmont CC
Plumbing	III	4/24/2010	4/25/2010	Sa - Su	8:00 - 5:00	Wilkes CC
Plumbing	III	5/14/2010	5/15/2010	Fri - Sa	8:00 - 5:00	Davidson CC
Plumbing	III	10/1/2010	10/2/2010	Fri - Sa	8:00 - 5:00	Davidson CC
Plumbing	III	10/8/2010	10/9/2010	Sa - Su	8:00 - 5:00	Central Piedmont 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	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	Chris Parker	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	Paul Jones, X252	Wanda Sutton (686-3651)	919-969-3032
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	Chris Raynor		919-209-2081
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	Heidi Perkins		252 493-7238
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	Jane Heisig		910-695-3774
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	Duncan Shaw		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:** 2006 Building, Residential, Accessibility Codes and Manufactured Buildings/Mobile Home Regulations

**Building, Level II and III:** 2006 Building and Accessibility Codes

**Electrical:** 2008 Electrical Code

**Fire Prev:** 2006 Fire Prevention Code

**Mechanical:** 2006 Mechanical and Fuel Gas Codes

**Plumbing:** 2006 Plumbing Code

**Law and Admin:** 2006 Administration and Enforcement Code and Board Rules

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



## Standard Exam Request Form

Please fill out the following information if you wish to schedule a state exam with the NC Code Officials Qualification Board. Indicate the area and level of exam you wish to take and include the date and location of the course. Once the staff has verified all Board requirements have been met, you will receive an approval letter by e-mail containing scheduling information with ICC or Pearson VUE. As part of the scheduling process you will be required to pay an exam fee of \$172. You will pay this fee directly to ICC. No further exams will be held at the Office of State Fire Marshal. You will still need to meet the testing requirements as before which include:

1. Standard Exam Request Form
2. Standard Application and \$20 fee
3. Successful completion of required community college courses

AREA	LEVEL (Fill in 1, 2, or 3 beside area)	BEGIN DATE OF TECHNICAL COURSE (Month/Day/Year)	LOCATION OF TECHNICAL COURSE (Name of Community College)
BUILDING			
ELECTRICAL			
FIRE			
MECHANICAL			
PLUMBING			
LAW AND ADMINISTRATION	N/A		

(PLEASE PRINT)

NAME: \_\_\_\_\_ ID NO.: \_\_\_\_\_

HOME ADDRESS: \_\_\_\_\_  
Last                      First                      Middle

BUSINESS ADDRESS: \_\_\_\_\_  
Street or Box                      City                      State                      Zip

INSPECTION JURISDICTION (CITY OR COUNTY): \_\_\_\_\_  
Street or Box                      City                      State                      Zip

PHONE: HOME: (    ) \_\_\_\_\_ BUSINESS: (    ) \_\_\_\_\_

E-MAIL: \_\_\_\_\_ FAX: (    ) \_\_\_\_\_

MAIL TO: 1202 Mail Service Center, Raleigh, NC 27699-1202 / OR FAX TO: 919-661-3193