



State Board of Examiners of Plumbing, Heating & Fire Sprinkler Contractors

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J. L. Harrison, Jr., Chairman
A.G. Williams, P.K. Selby, T.G. Proffitt, H. W. Stanford III, H. J. Summey, R. M. Boone

ELECTRICAL LICENSE REQUIREMENTS FOR HVAC CONTRACTORS

By Herb Stanford, Board Member

Since October 1988, a special electrical contracting license restricted to licensed plumbing, heating, and air conditioning contractors (designated as the "SP-PH") authorizes the licensee to install, maintain, or repair electric wiring or devices *only as an incident to the licensee's plumbing, heating, or air conditioning business*. Furthermore, the license authorizes the licensee to install, maintain, or repair only wiring that is directly related to plumbing, heating, or air conditioning equipment and that:

- (1) is restricted to circuits or parts of circuits that operate at voltages not exceeding 600 volts, phase-to-phase;
- (2) is electrically isolated from the building wiring system by an overcurrent protective isolating device, such as a fused switch or circuit breaker;

(3) originates at the load-side terminals of the protective isolating device;

(4) except for control wiring, is physically adjacent to the plumbing, heating, or air conditioning equipment from the equipment; and

(5) is not installed in a location considered as hazardous under the National Electrical Code.

Without the SP-PH license, no plumbing or HVAC contractor can install or repair any power wiring associated with the plumbing or HVAC equipment he installs, replaces, or repairs...that portion of the work must be done by a licensed electrical contractor.

COURT RE-ESTABLISHES 13 SEER REQUIREMENT

Under current Department of Energy (DOE) regulations, manufacturers of residential central air conditioners and heat pumps cannot produce units below 10 SEER, nor can units with a lower SEER be installed by contractors. Under a rule adopted in January 2001, the minimum SEER was set to rise to 13 in January 2006. However, based on pressures from the then-new Bush administration, DOE in May 2002 published a 12 SEER standard.

This led to a lawsuit by the Natural Resources Defense Council (and others), claiming that DOE had not followed proper procedures in the adoption of a 12 SEER rule. New York's Second Circuit Court of Appeals agreed, ruling in January 2004 that "The May 23, 2002 replacement standards [12 SEER rule] were promulgated in violation . . .

because DOE failed to erect a valid amendment of the original standard's [13 SEER] effective date, and as a consequence was thereafter prohibited from amending those standards downward."

DOE, ARI and some OEMs challenged that ruling by requesting a review of the rule by the U.S. Court of Appeals for the Fourth Circuit in Richmond, Va. Then, on March 12th, Carrier Corporation withdrew its support of the challenge in the Fourth Circuit. A few days later, on March 17th, ARI announced it was also ceasing its challenge. Then, on April 2nd, DOE also withdrew its challenge. Thus, the Second Circuit Court of Appeals ruling stands and **all new residential air conditioners and heat pumps, installed on or after January 1, 2006, must have a minimum SEER of 13.**



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TAKE NOTE:

- ♦ You **must** have 6 CE hours of Board approved classes to renew your license for 2005.
- ♦ Check your CE hours online by clicking "Continuing Education" at www.nclicensing.org

Boone Appointed

Mr. Ronald M. Boone has been appointed to the State Board of Examiners by Governor Mike Easley for a term to expire April 2011. Mr. Boone serves as the heating contractor member of the Board as provided for in G.S. 87—16.

Mr. Boone is President of Boone Refrigeration in Wallace, NC. He has been President of the company since 1972. He has been licensed with the Board for 30 years and in the HVAC business for as many years. Boone Refrigeration, Inc. is a residential and commercial HVAC company whose primary focus has been the nursing home industry. The company has completed 29 nursing home and assisted living facilities.

Mr. Boone was born in New Hanover County and attended public schools in Duplin County. Mr. Boone has been involved in the community where he served on the Wallace Fire Department for 22 years with six of those years as Assistant Fire Chief. He is a member of the Southeastern Heating and Air Association and the Carolinas Associated General Contractors of America.

The Board welcomes Mr. Boone. His experience and knowledge in the HVAC industry will be of great benefit and value to the Board.

Long Completes Term

Mr. Ronald J. Long has completed his term with the State Board of Examiners. Mr. Long was appointed by former Governor James B. Hunt, Jr. in 1998 and served seven years on the Board.

During his tenure, Mr. Long held the office of Vice-Chairman in 2001 and was a Hearing Officer from 2001—2002. In the position of Hearing Officer he reviewed complaint files and held Summary Hearings with licensees. During his seven years the Board instituted an Education Program which included Continuing Education & Disciplinary Education for licensees. Along with the Board he established new licenses for Limited Fire Sprinkler Contractors, Limited Fire Sprinkler Inspection Technician, and Limited Fire Sprinkler Maintenance Technician.

Mr. Long's experience and expertise were of great value to the Board. The Board expresses its gratitude to Mr. Long for his dedicated service.

Dealing With Summer Heat

Heat Exhaustion

What Happens to the Body:

Headaches, dizziness/Light Headedness, Weakness, Mood Changes (irritable, or confused/can't think straight). Feeling Sick To Your Stomach, Vomiting/Throwing Up, Decreased and Dark Colored Urine, Fainting/Passing Out, and Pale Clammy Skin.

What Should Be Done:

- ◆ Move the person to a cool shaded area to rest. Don't leave the person alone. If the person is dizzy or light headed, lay them on their back and raise their legs 6-8 inches. If the person is sick to their stomach lay them on their side.
- ◆ Loosen and remove any heavy clothing.
- ◆ Have the person drink some cool water (a cup every 15 minutes) if they are not feeling sick to their stomach.
- ◆ Try to cool the person by fanning them. Cool the skin with a cool spray mist of water or wet cloth.
- ◆ If the person does not feel better in a few minutes call for emergency help (Ambulance or Call 911).

(If heat exhaustion is not treated, the illness may advance to heat stroke.)

How to Protect Workers

- ◆ Learn the signs and symptoms of heat-induced illness and what to do to help the worker;
- ◆ Train the work-force about heat-induced illnesses.
- ◆ Perform the heaviest work in the coolest part of the day.
- ◆ Slowly build up tolerance to the heat and the work activity (usually takes up to 2 weeks).
- ◆ Drink plenty of cool water (one small cup every 15-20 minutes)
- ◆ Wear light, loose-fitting, breathable (like cotton) clothing.
- ◆ Take frequent short breaks in cool shaded areas (allow your body to cool down).
- ◆ Avoid eating large meals before working in hot environments.
- ◆ Avoid caffeine and alcoholic beverages (these beverages make the body lose water and increase the risk for heat illnesses).

Information provided by the Occupational, Safety, and Health Administration.

Department of Insurance
2002 NC Mechanical Code Interpretations

Commercial Kitchen Hoods

Section 507.2.1 Type I and Type II hoods. A Type I hood shall be installed at or above all commercial food heating-processing appliances that produce grease vapors or smoke. A Type I or Type II hood shall be installed at or above all commercial heat-processing appliances that produce fumes, steam, odor, or heat.

DOI Interpretation:

Type I Hood— Commercial food heat-processing appliances that produce grease vapors or smoke (includes pizza restaurants)

Type II Hood— (Produces little, if any, grease-laden vapor)

Examples:

Pastry

Bread

Cookies

Cake

Convection/small conveyor pizza ovens (Convenience stores, etc. but does not include pizza restaurants)

Steam Cooker (Does not include steam warmers)

Dish washing machines

(Note: Hoods are not required for coffee makers and/or toasters.)

Mechanical Code Section 508.1.1 Makeup air temperature

Makeup air—Tempering of air—optional as required by owner/or engineer.

Mechanical Code—507.9 Clearance for Type I hood

The clearance may be reduced per Table 308.6 or as Alternate Methods—Use NFPA 96, Chapter 4.2.3.2: “Where a reduction system consisting of 0.69 mm (0.027 inch) (22 gauge) sheet metal on 25 mm (1 inch) mineral wool batts or ceramic fiber blanket reinforced with wire mesh or equivalent spaced out 25 mm (1 inch) on noncombustible spacers is provided, there shall be a minimum of 76 mm (3 inch) clearance to combustible material”.

Mechanical Code—Section 507.17 Performance test

Testing shall verify the rate of air flow and verify capture and containment performance of the exhaust system. The field test shall be conducted with all appliances under the hood at operating temperatures. Capture and containment shall be verified visually by observing smoke or steam produced by actual or simulated cooking, such as with smoke candles, smoke puffers, and etc.

Smoke Detection Systems Control:

606.2.2 Common supply and return air systems. Where multi air-handling systems share common supply or return air ducts or plenums with a combined design capacity greater than 2000 cfm (0.9 cubic meters/s), the return air systems shall be provided with smoke detectors in accordance with Section 606.2.1.

DOI Interpretation:

When two or more air systems serve a common space and one or more of these units also serve additional spaces, and the combined capacity of these units exceed 2000 cfm, a smoke detector is required for each unit. The units do not need to be interlocked with each other. The code is requiring smoke detectors to prevent the spread of smoke to other spaces when the return air system and/or combined return air systems are greater than 2000 cfm.

NOTE: Section 606.2.1 requires that when the return air system is greater than 2000 cfm and serving more than one space, a smoke detector is required.

Ducts in Garage

R309.1.1 Duct penetration. Ducts in the garage and ducts penetrating the walls or ceiling separating the dwelling from the garage shall be constructed of a minimum of 26 gauge (0.48 mm) steel or other approved material and shall have no openings into the garage.

DOI Interpretation:

R309.1.1 Duct penetration. The duct material in the garage shall be 26 gauge steel or other approved material of equivalent strength and fire resistance. Steel ducts are required to help prevent the passage of an undetected fire within the garage into the dwelling unit. The code section also does not allow any openings into the garage. This prevents the duct system serving the dwelling to also be used to serve supply air or return air to the garage. This opening limitation in the garage is to limit the path for smoke to enter the dwelling. Please note Mechanical Code Section 918.6 (5) and/or Gas Code Section 617.5 (6) prohibits air from the garage.

Information reprinted with permission from the Dept. of Insurance, NC Council of Code Officials, Spring 2004 Newsletter.



Consent Agreement Report

A Consent Agreement is an affidavit taken from unlicensed individuals performing plumbing, heating and fire sprinkler work without a license. These individuals sign a Consent Agreement stating that they will not perform any work requiring a license until they are properly licensed to do so. If you see these businesses or individuals in the field please report them to this office.

<u>Name</u>	<u>City/Town</u>	<u>Consent Agreement</u>	<u>Name</u>	<u>City/Town</u>	<u>Consent Agreement</u>
Adams, Archie	Etowah, NC	11/10/2003	Ringhof, Robert	Wilmington, NC	11/25/2003
Alcon, Michael	Elon, NC	01/22/2004	Riviera, Edwin	Monroe, NC	02/02/2004
Barringer, John	Charlotte, NC	11/05/2003	Roll, Steven	Hendersonville, NC	03/11/2004
Bartolomey, David	Rabun Gap, GA	12/01/2003	Rouse, Aubrey	LaGrange, NC	07/24/2003
Blanton, Allan	Fayetteville, NC	12/24/2003	Schneider, Tony	Jamesville, NC	10/09/2003
Bradley, Scott	Lincolnton, NC	03/01/2004	Skinner, Daine	Kannapolis, NC	09/18/2003
Brown, Charles	Gastonia, NC	01/08/2004	Smith, Michael Sr.	Clayton, GA	12/01/2003
Burnette, Johnny Jr.	Marion, NC	10/13/2003	Strickland, Morris	Beulaville, NC	11/13/2003
Campbell, Michael	Charlotte, NC	11/07/2003	Sullivan, Gary	Thomasville, NC	09/03/2003
Carver, Garry	Haw River, NC	09/22/2003	Wagner, Tobin	Wilmington, NC	11/24/2003
Causby, Jimmy	Morganton, NC	02/16/2004	Watlington, Willie	Elon College, NC	03/04/2004
Cole, David	Stanfield, NC	11/26/2003	Whitaker, Carroll	Horse Shoe, NC	01/28/2004
Corum, Donald	Eden, NC	11/20/2003	Whitaker, Robert	Enfield, NC	11/19/2003
Cranford, Ernest	Nebo, NC	10/13/2003	Williams, John	Matthews, NC	11/14/2003
Cranford, Linda	Nebo, NC	10/13/2003	Williams, Michael	Leicester, NC	10/20/2003
Crosby, Jeffrey	Maulden, SC	10/10/2003	Woods, Carmelene	Winston Salem, NC	11/12/2003
Crosby, William	Simpsonville, SC	10/10/2003	Young, James	Waynesville, NC	02/13/2004
Digorga, Patrick	Statesville, NC	12/03/2003			
Dupont, Mark	Burlington, NC	10/06/2003			
Edwards, Robert	Tryon, NC	10/10/2003			
Faust, Bill	Gastonia, NC	10/30/2003			
FitzGibbon, Gerald	Raleigh, NC	12/09/2003			
Freeman, Knox	Elizabethtown, NC	11/25/2003			
Fulghum, Larry	Raleigh, NC	10/01/2003			
Granlund, Michael	Greensboro, NC	08/30/2003			
Greene, Clyde	Ellenboro, NC	02/06/2004			
Greene, Ronald	Charlotte, NC	11/07/2003			
Hamrick, Danny	Nebo, NC	10/13/2003			
Harris, Robert	Thomasville, NC	09/25/2003			
Heath, Billy	Vanceboro, NC	08/22/2003			
Hoots, Jerry	Dana, NC	10/09/2003			
Horton, Willie	Kenly, NC	11/17/2003			
Hughes, Haywood	Selma, NC	01/14/2004			
Kapustiak, Paul	Raleigh, NC	12/12/2003			
Klara, Russell	Fort Mill, SC	12/08/2003			
Lamb, Douglas	Kissimmee, FL	10/09/2003			
Lambert, Wayne	Piedmont, SC	10/10/2003			
Lamm, Harold	Huntersville, NC	12/16/2003			
Lawrence, Hubert	Murphy, NC	02/11/2004			
Lilly, Rex	Vanceboro, NC	09/10/2003			
Linton, David	Winston Salem, NC	03/02/2004			
Locklear, Michael	Maxton, NC	09/23/2003			
Locklear, Ransom	Hope Mills, NC	09/16/2003			
Love, Rondall	Monroe, NC	08/27/2003			
Lowery, Benjamin Jr.	Chesterfield, SC	09/30/2003			
Lucero, Edward	Fayetteville, NC	12/04/2003			
Lynah, Douglas	Shelby, NC	10/28/2003			
Martin, Steven	Kernersville, NC	09/10/2003			
Maynor, William	Lincolnton, NC	01/14/2004			
McAnelly, Terry	Marshville, NC	08/27/2003			
McNeill, Elworth	Red Springs, NC	11/25/2003			
Morgan, Gilbert	Raleigh, NC	09/16/2003			
Morrison, Billy	Gastonia, NC	12/16/2003			
Nichols, Paul	Browns Summit, NC	03/17/2004			
Payesko, Raymond	Kenly, NC	11/17/2003			
Peacock, Myrick	Durham, NC	09/10/2003			
Philip, Maurice	Fayetteville, NC	10/28/2003			
Pickett, William III	Wilson, NC	02/17/2004			
Poole, Donald	Charlotte, NC	11/12/2003			
Poole, Stacey	Butner, NC	03/12/2004			
Powell, Troy	Ronda, NC	12/09/2003			
Raley, Tony	Charlotte, NC	01/15/2004			

Permit Warning Letters

<u>Name</u>	<u>City/Town</u>	<u>Permit Warning</u>
Anderson, James	Charlotte, NC	11/10/2003
Aubee, John	Moyock, NC	10/23/2003
Balance, Michael	Camden, NC	08/05/2003
Barkley, Michael	Davidson, NC	12/30/2003
Barnes, James	Lenoir, NC	02/05/2004
Barnhill, Christian	Raleigh, NC	10/01/2003
Benson, Terry	Charlotte, NC	03/01/2004
Blackwelder, William	Statesville, NC	10/29/2003
Carpenter, Billy	Marshville, NC	12/03/2003
Carpenter, Robert	Winston Salem, NC	01/12/2004
Cooper, Bobby	Raleigh, NC	10/01/2003
Cooper, Robert II	Laurinburg, NC	08/20/2003
Dennis, James	Winston Salem, NC	03/02/2004
Dills, William	Hendersonville, NC	01/28/2004
Eller, Terry	Purlear, NC	10/17/2003
Evans, Trudy	Raleigh, NC	10/01/2003
Farr, Michael	Grandy, NC	09/11/2003
Gentry, Kathy	Greensboro, NC	03/04/2004
Giannibas, Tom	Charlotte, NC	02/02/2004
Goreham, Dale	Monroe, NC	12/15/2003
Hargett, Lee	Indian Trail, NC	01/28/2004
Harrington, Richard	Kernersville, NC	12/11/2003
Hicks, Craig	Clayton, NC	10/06/2003
Hollis, Franklin	Benson, NC	01/21/2004
Home, Christopher	Charlotte, NC	11/07/2003
Home, Jonathan	Concord, NC	03/10/2004
Householder, Scott	Wendell, NC	12/10/2003
Ingle, Anthony	Weaverville, NC	01/23/2004
Lamb, Christopher	Hendersonville, NC	03/11/2004
Lancaster, Thomas Sr.	Greensboro, NC	10/22/2003
Lawing, Edwin	Hickory, NC	12/04/2003
Lutz, William	Charlotte, NC	03/10/2004
Martin, Charles	High Point, NC	10/23/2003
McCoy, Douglas	Midland, NC	11/26/2003
Moore, Samuel	Shelby, NC	03/10/2004
Odell, Jackie	Charlotte, NC	03/01/2004
Patterson, Mark	Gastonia, NC	08/05/2003
Peele, Jeffery	Rock Hill, SC	12/04/2003
Pitt, William	Jamestown, NC	09/22/2003
Roberson, James	Elm City, NC	01/15/2004
Russo, Bruce	Charlotte, NC	01/21/2004
Shelton, George	Candler, NC	03/05/2004
Sorrell, Stephen	Mooresville, NC	10/30/2003
Taylor, Henry	Laurinburg, NC	06/24/2003
Venable, J.C.	Mt. Airy, NC	10/28/2003

SUMMARY OF FORMAL PROCEEDINGS

BLANTON, ANTHONY RYAN

12/2/02

License #23401 H-3-II Wilmington, NC

Allegations of incompetence and misconduct in the business of heating contracting by failure to obtain inspections; failure to connect condensate drain, allowing condensate to be dumped on floor; failure to install condensate pump; insulation of the flue pipe with R-4.2 rather than R-7; failure to properly strap piping leaving more than the maximum of 5 feet between straps; failed to install a transition, leaving gaps between furnace and coil; allowing unconditioned air from basement to enter return; improper termination of flue pipe in a brick-lined below-grade pit allowing combustion gases to reenter basement, exposing homeowners to dangerous gases; failure to provide adequate supervision; aiding and abetting contracting without license both by Tony Blanton and also by unlicensed non-employees who performed installation; carried out work under a name different from that in which license is listed. Respondent has been warned previously about the necessity to carry out installations properly and with appropriate contractual arrangements.

Order issued 4/1/03 suspending the license of respondent for two years. Notice of Appeal filed in Wake County Superior Court on May 12, 2003, by Respondent.

Motion to Dismiss filed by Board January 2004. Suspension remains in effect.

Complaint and Summons issued 1/23/2004, New Hanover County Superior Court, alleging contracting without license.

BROOKS, TIMOTHY EDWARD Louisburg, NC 7/31/03

Contempt of prior court orders.

Motion and Order for Show Cause filed 8/15/03.

Order of Contempt and Arrest entered by the Franklin County Superior Court on 11/14/03 finding the defendant in contempt of prior order of the court and sentencing him to be incarcerated in the Franklin County Jail for a period of 60 days which sentence may be reduced by 20 days if defendant makes restitution to Ms. Walls in the amount of \$2,632.00. Amended Order filed 1/22/04 releasing defendant and allowing work until 1/31/04 to pay Ms. Walls, failing which defendant returns to jail for remaining 20 days.

DeSHA, MEL T. 12/20/02 License #13855 H-3-I Louisburg, NC

Allegations of incompetence in the business of heating contracting in that Respondents, in the course of contracting to do business, collected a total of \$40,964.70 from the owner but failed to return to complete the installation forcing the owner to hire another contractor at additional costs; failed to paint gas line; failed to install one-hour rated ceiling for dampers and diffusers; failed to complete installation in accordance with ASHRAE 62 requirements; installed a fresh air return in an outside wall with a six-inch flex duct attached and connected to the return side of the unit; installed one HVAC unit improperly on the rooftop curb which resulted in damage to the church from leakage when the equipment froze up; failed to install economizers; failed to design and install a system which would function properly; Respondent, DeSha, demonstrated a failure to supervise and a failure to carry out his duties as a responsible licensee. Respondent, DeSha, permitted use of his license in connection with acquisition of permits for performance of several contracts by unlicensed individuals, even though Respondent, DeSha, was not a party to the contracts, and accepted payment for the use of his license to acquire permits.

During the time between April 12, 2000, and June 4, 2003, Respondents Mel DeSha, Moses Smith and Air Masters Heating & Air Conditioning, Inc., pulled 65 permits under the name of Air Masters Heating & Air Conditioning, Inc. 24 Permits were obtained using the license number of

Respondent, Mel DeSha. 21 Permits were obtained using the license number of Ernest Robertson. 20 Permits were obtained using the license number of Respondent, Moses Smith. All of the permits were outstanding or expired as of June 12, 2003, without final inspection. Formal hearing held 9/9/03.

Order issued 10/2/03 placing respondent, DeSha's license on probation for one year with provisions that respondent maintain written record of contracts, have written contracts signed by respondent and customer, obtain permits as required for each contract; maintain service log and job files, within 6 months after Order becomes effective, enroll in Contractor Business Course and a Building Code Law and Administration Course and present evidence to the Board of a passing grade by the end of probation and commit no violation of Article 2, Chapter 87 or the Rules of the Board. In the event of violation of probation, the license of respondent, DeSha will be suspended for one year. of ownership or managerial responsibility.

GARNER, TOMMY E., JR. 8/22/03 Durham NC 27704

Allegations of contempt of prior order of the Court in that defendant installed a heating group 3 system without obtaining a license from the Board.

An Order of Contempt was filed 12/3/03 finding the defendant in contempt of prior Order of the Court, sentencing him to 30 consecutive days of incarceration in the Durham County Jail which sentence was suspended upon condition that defendant refrain from further violations of the 2/4/2000 Judgment of Permanent Injunction for a period of 36 months.

GOUGH, DANNY G.

11/4/02

Partner, **ENERGY SOLUTIONS, LTD. PARTNERSHIP**

Lewisville NC License #07444 PH-1,2&3-I

Allegations of incompetence and misconduct in the business of heating contracting in subcontracting a boiler system to persons lacking appropriate license and in failing to secure appropriate permits. The Board took note of the lack of effort by the Respondent to address and resolve the issues raised in this matter either with the local inspector, the Board field staff or the Board office staff.

Formal hearing held 1/14/03.

Order issued 1/20/03 suspending the license of the respondent and that of the firm to engage in business as a plumbing and heating contractor for a period of 6 months. The Board provided that the suspension period may be reduced and license returned to active status if respondent personally appears before the Board and makes a satisfactory showing that the types of problems shown in this proceeding will not be repeated.

Order served on respondent 2/2/03 and the suspension took effect on that date.

Respondent filed a Motion and Notice of Judicial Review on 2/10/03 in Yadkin County Superior Court.

Request for Reconsideration was made by the Respondent and heard by the Board on 3/11/03.

Order on Reconsideration was issued by the Board on 3/18/03 declining to exercise its discretion to reduce the period of suspension, finding the jurisdiction of this matter is in the Superior Court and the Board will take no further action on this matter during the pendency of the appeal.

Record before the Board filed with the Court 4/2/03. The suspension was stayed by the Court on 6/27/03 pending hearing of the appeals.

Appeal heard 10/20/03 Yadkin County Superior Court.

The decision of the Board was affirmed by the Superior Court on 11/14/03, effective 11/19/03, and the remaining period of suspension was served by the Respondent. License of the Respondent has now been restored.

Notice of Appeal to the North Carolina Court of Appeals was filed by Respondent on 1/27/04.

SUMMARY OF FORMAL PRECEEDINGS (con't)

GRIFFIN, RONNIE ALLEN 8/22/03
d/b/a, **GRIFFIN CONSTRUCTION CO.** Lewisville NC
Allegations of contempt of prior order of the Court by continuing to contract without license.
Contempt hearing held 11/10/03.

Order of Contempt filed 11/21/03, finding the defendant guilty of 2 counts of criminal contempt of prior order of the Court, sentencing him to serve 60 consecutive days in the Guilford County Jail. The suspension of a prior 60 day sentence is lifted due to defendant's failure to meet the conditions of that suspension and the 60 day sentence is to be served on consecutive days, consecutive to the 60 day sentence imposed above. The defendant was fined \$1,000.00 and the costs of this action.

JOHNSON, BILLY RAY 8/22/03
Durham, NC License #16536 H-3-I
Allegations of misconduct in the business of heating contracting in that respondent violated a prior Order issued by the Board, failed to obtain a permit prior to beginning installation of seven systems.
Formal hearing held 11/13/03.

An Order was issued by the Board on 12/2/03 suspending the license of respondent for 18 months, which suspension is to be reduced to 12 months upon presentation of proof to the Board that Respondent has obtained a passing grade in a Law and Administration course.

LAIL, THOMAS ESLEY LAIL PLUMBING Shelby, N.C.
Allegations of plumbing contracting without a license.
Judgment of Permanent Injunction filed 12/2/03 enjoining the defendant from engaging in the business of plumbing, heating to fire sprinkler contracting until properly licensed to do so.

LUTZ, WILLIAM PATRICK 6/18/03
Shelby, NC License #15343 H-3-I
Allegations of misconduct in the business of heating contracting in that respondent failed to list his license in the name under which he was working and subcontracted the job to another contractor; contracted numerous jobs in the name of Sears Roebuck, subcontracted the entire jobs to various persons, resulting in numerous code violations, design failures, failures to obtain permits and complaints to the Board. The jobs in question occurred prior to recent legislation intended to clarify obligations, protect the public and eliminate complaints.
Formal Hearing held 11/13/03.

An order was issued by the Board on 12/2/03 entering a Letter of Caution on the license record of respondent requiring respondent to arrange completion of all inspections needed on the list of open permits contained in the Notice of Hearing by February 1, 2004, and providing that, if not completed, the license of Respondents Lutz and Sears to engage in business as a heating contractor be suspended until proof of completion of the list of open permits is provided to the Board. By January 1, 2004, Respondent Lutz was further required to present to the Board a letter from the three homeowners named in the Notice of Hearing demonstrating that the installations have been completed to their satisfaction.

MORETZ, RONALD ROY 8/22/03
MORETZ HEATING & COOLING
Nebo, NC License #18398 H-3-I (Revoked)
Allegations of contempt of prior order of the Court by contracting after revocation and after injunction.
Contempt proceedings held 12/29/03. Order of contempt and arrest has been executed by Judge Guice and forwarded to the Clerk of Court for filing. The Order finds defendant guilty of contempt, imposes a fine in the amount of \$500.00 and sentences him to the McDowell County Jail for a period of 30 days, 10 days of which are suspended if he makes restitution to Rheba Camp and refrains from future violations of the Order of the Court.

SMITH, MOSES
d/b/a **AIR MASTERS HEATING & AIR CONDITIONING, INC.**
Raleigh, NC License #19348 H-3-I

Allegations of incompetence in the business of heating contracting that Respondents, in the course of contracting to do business, collected a total of \$40,964.70 from the owner but failed to return to complete the installation forcing the owner to hire another contractor at additional costs; failed to paint gas line; failed to install one-hour rated ceiling for dampers and diffusers; failed to complete installation in accordance with ASHRAE 62 requirements; installed a fresh air return in an outside wall with a six-inch flex duct attached and connected to the return side of the unit; installed one HVAC unit improperly on the rooftop curb which resulted in damage to the church from leakage when the equipment froze up; failed to install economizers; failed to design and install a system which would function properly; Formal hearing held 9/9/03. Order issued 10/2/03 suspending license of respondents Smith and Air Masters Heating & Air Conditioning, Inc., for 90 days or until completion of repairs and elimination of leakage in the roof of the building located at 5617-105 Departure Drive, whichever occurs first. The license of Smith shall also remain suspended until he provides evidence to the Board staff of passage of a Contractor Business Course. License shall be returned to respondent Smith upon completion of 90 days suspension or repair of the roof in question unless repairs were not completed. In the event Respondents Smith and Air Masters Heating & Air Conditioning, Inc., fail to present proof within 90 days of completion of roof repairs, then license shall be permanently revoked. In the event license of Respondent Smith is revoked, staff is directed to issue no license to an entity in which Mr. Smith occupies a position of ownership or managerial responsibility.

AIKEN, ISAAC, d/b/a AIKEN PLUMBING SERVICE
Charlotte NC License #22933-P-I
Allegations of incompetence in the business of plumbing contracting in that respondent failed to obtain a permit and final inspection, failed to pri PVC piping prior to gluing fittings; failed to support PEX water piping properly, used ¼ bends in PVC drainage piping; failed to insulate the PEX piping above the ceiling; installed ½ inch cold water pipe to serve more than 3 fixtures; used improper crimp rings for PEX on the polybutylene pipe; failed to install a vent on the sewage ejector pump; failed to install a gate valve on the discharge side; failed to protect ejector pump from vehicular damage; used piping intended "NOT FOR PRESSURE" on discharge side of pump; used piping not UV protected and not insulated; and used DWV fittings on discharge piping from pump. Formal hearing held 2/10/04. Consent Order issued 2/10/04 suspending the license of respondent for 6 months and to thereafter until respondent has taken and passed a Level One Plumbing Code course and an approved Contractor Management Course or equivalent.

BROUSSARD, CHAD ALAN d/b/a AIR AFFAIR
Greensboro, NC License #20659 H-3-I
Allegations of gross negligence and incompetence in the business of heating contracting in that Respondent failed to obtain a permit prior to beginning installation; installed a furnace grossly oversized, at 80,000 BTUs, for a residence of 1300 sq. ft.; removed the wiring from the upper/top roll-out safety switch to bypass the safety switch and wired it into the gas valve; removed the flame sensor switch from its factory-installed location and relocated it to an upper location for flame sensing leaving three burners without protection; plugged the bottom gas orifice with a screw; installed hangers at a greater distance than the maximum per code; improperly constructed the PVC condensate drain pipe; held the filter in place with the use of tape; failed to completely seal the area at the filter; failed to use primer on one of the PVC glue joints on the flue for the gas furnace; failed to properly construct the connection of the supply plenum at the gas furnace; left safety wiring for the roll out switches burned/damaged heat; used a 3" PVC 1/4 bend elbow for the venting instead of a long radius fitting;

(Con't next page)

SUMMARY OF FORMAL PRECEEDINGS (con't)

failed to install the unit level allowing condensate to accumulate in the heat exchanger; installed the fan speed wiring to the unit showing the heating set on low speed (3-ton) and the cooling on medium speed (3-1/2-ton), the coil and outdoor unit were 2-ton; and failed to properly terminate the abandoned flue. Formal hearing held 2/10/04. Order issued 2/23/04 revoking license as a heating group 3 contractor. Staff was directed to provide a copy of the Order to all inspectors in Guilford County. Reinstatement of license will not be considered three years and only after personal appearance of Respondent before the Board.

CHILDRESS, BILLY GRAY Mocksville, NC 10/23/03
Allegations of willful disobedience of prior contempt order. Order of Contempt entered in Davie County Superior Court on 2/11/04 finding the defendant in contempt of Court, sentencing him to 60 days in Davie County Jail, which sentence was suspended upon condition Defendant refrain from further violations of the October 11, 2002 Judgment and that within 45 days of the entry of the Order, defendant pay a fine in the amount of \$700.00 to the Clerk of Davie County Superior Court.

ELLISON, ELLISON L. CAROLINA HEATING & AIR CONDITIONING
Fayetteville NC License #17837 H-3-1
Allegations of misconduct in the business of heating contracting in that respondent left improper clearance under flexible duct leaving flexible duct in contact with the ground; used improper hangers on the R/A box; failed to seal around all duct joints and seams; installed flexible duct which has been choked, causing a restriction; failed to pressure test the copper gas line; failed to properly support copper gas line leaving it within 3" of the ground; failed to sleeve the copper gas line as required; used improper sleeving material where the gas line exits the brick foundation; and failed to provide load calculations, and installation failed a re-inspection because of code violations submitted an incomplete load calculation; failed a third inspection also because of code violations and as of July 9, 2003, no final inspection had been obtained. At the hearing, Respondent presented evidence that on or about December 19, 2003, he completed a three semester-hour course in residential system design and that on November 1, 2003, he completed a six hour continuing education course in residential load estimating and HVAC system design. The six hour continuing education course is continuing education not intended or allowable in satisfaction of the prior Order of this Board. The residential system design course, though not approved by the Board staff prior to being taken, is treated as meeting the requirement of a Manual J and D course set forth as item 2 (k) of the Resolution Agreement, approved by the Board in its December 12, 2002 Order.
Order issued 1/30/04 suspending the license of respondent until 12/12/2005.

MANGUM, MICHAEL WAYNE Bahama NC
Allegations of willful disobedience of prior order of the Court by contracting without license.
Order of Contempt executed by Judge Hudson on 1/21/04 and forwarded on 1/28/04 to the Clerk of Durham County Superior Court for filing. The Order sentenced the defendant to 30 days in the Durham County Jail, which sentence was suspended on the condition that the defendant refrain from violation of any Order of the Court and pay to the Court the fine of \$500.00 within 45 days of the date of the Order.



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2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

A. ROD TRIPP & ASSOCIATES

DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
09/08/04	Identify, Meet & Exceed Customer Needs – Part I	8:00 am	All	2	R. Tripp	Raleigh	Rod. Tripp
09/08/04	Identify, Meet & Exceed Customer Needs – Part II	10:30 am	All	2			910-944-1603
09/08/04	Identify, Meet & Exceed Customer Needs – Part III	1:30 pm	All	2			
09/22/04	Identify, Meet & Exceed Customer Needs – Part I	8:00 am	All	2	R. Tripp	Kill Devil Hills	Rod. Tripp
09/22/04	Identify, Meet & Exceed Customer Needs – Part II	10:30 am	All	2			910-944-1603
09/22/04	Identify, Meet & Exceed Customer Needs – Part III	1:30 pm	All	2			
09/23/04	Measuring & Maximizing Employee Productivity – Part I	8:00 am	All	2	R. Tripp	Greenville	Rod. Tripp
09/23/04	Measuring & Maximizing Employee Productivity – Part II	10:30 am	All	2			910-944-1603
09/23/04	Measuring & Maximizing Employee Productivity – Part III	1:30 pm	All	2			
09/24/04	Measuring & Maximizing Employee Productivity – Part I	8:00 am	All	2	R. Tripp	New Bern	Rod. Tripp
09/24/04	Measuring & Maximizing Employee Productivity – Part II	10:30 am	All	2			910-944-1603
09/24/04	Measuring & Maximizing Employee Productivity – Part III	1:30 pm	All	2			
09/29/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -I	8:00 am	All	2	R. Tripp	Charlotte	Rod. Tripp
09/29/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -II	10:30 am	All	2			910-944-1603
09/29/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -III	1:30 pm	All	2			
10/01/04	Identify, Meet & Exceed Customer Needs – Part I	8:00 am	All	2	R. Tripp	Greensboro	Rod. Tripp
10/01/04	Identify, Meet & Exceed Customer Needs – Part II	10:30 am	All	2			910-944-1603
10/01/04	Identify, Meet & Exceed Customer Needs – Part III	1:30 pm	All	2			
10/08/04	Measuring & Maximizing Employee Productivity – Part I	8:00 am	All	2	R. Tripp	Southern Pines	Rod. Tripp
10/08/04	Measuring & Maximizing Employee Productivity – Part II	10:30 am	All	2			910-944-1603
10/08/04	Measuring & Maximizing Employee Productivity – Part III	1:30 pm	All	2			
10/13/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -I	8:00 am	All	2	R. Tripp	Raleigh	Rod. Tripp
10/13/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -II	10:30 am	All	2			910-944-1603
10/13/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -III	1:30 pm	All	2			
10/20/04	Identify, Meet & Exceed Customer Needs – Part I	8:00 am	All	2	R. Tripp	Charlotte	Rod. Tripp
10/20/04	Identify, Meet & Exceed Customer Needs – Part II	10:30 am	All	2			910-944-1603
10/20/04	Identify, Meet & Exceed Customer Needs – Part III	1:30 pm	All	2			
10/22/04	Identify, Meet & Exceed Customer Needs – Part I	8:00 am	All	2	R. Tripp	Fayetteville	Rod. Tripp
10/22/04	Identify, Meet & Exceed Customer Needs – Part II	10:30 am	All	2			910-944-1603
10/22/04	Identify, Meet & Exceed Customer Needs – Part III	1:30 pm	All	2			
10/26/04	Measuring & Maximizing Employee Productivity – Part I	8:00 am	All	2	R. Tripp	Greensboro	Rod. Tripp
10/26/04	Measuring & Maximizing Employee Productivity – Part II	10:30 am	All	2			910-944-1603
10/26/04	Measuring & Maximizing Employee Productivity – Part III	1:30 pm	All	2			
10/29/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -I	8:00 am	All	2	R. Tripp	Greensboro	Rod. Tripp
10/29/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -II	10:30 am	All	2			910-944-1603
10/29/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -III	1:30 pm	All	2			
11/10/04	Identify, Meet & Exceed Customer Needs – Part I	8:00 am	All	2	R. Tripp	Raleigh	Rod. Tripp
11/10/04	Identify, Meet & Exceed Customer Needs – Part II	10:30 am	All	2			910-944-1603
11/10/04	Identify, Meet & Exceed Customer Needs – Part III	1:30 pm	All	2			

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

A. ROD TRIPP & ASSOCIATES

DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
11/17/04	Measuring & Maximizing Employee Productivity – Part I	8:00 am	All	2	R. Tripp	Greensboro	Rod. Tripp 910-944-1603
11/17/04	Measuring & Maximizing Employee Productivity – Part II	10:30 am	All	2			
11/17/04	Measuring & Maximizing Employee Productivity – Part III	1:30 pm	All	2			
11/19/04	The 3 Things Contractors Must Do to Succeed & 101 Ways - I	8:00 am	All	2	R. Tripp	Charlotte	Rod. Tripp 910-944-1603
11/19/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -II	10:30 am	All	2			
11/19/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -III	1:30 pm	All	2			
11/30/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -I	8:00 am	All	2	R. Tripp	Asheville	Rod. Tripp 910-944-1603
11/30/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -II	10:30 am	All	2			
11/30/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -III	1:30 pm	All	2			
12/01/04	Measuring & Maximizing Employee Productivity – Part I	8:00 am	All	2	R. Tripp	Statesville	Rod. Tripp 910-944-1603
12/01/04	Measuring & Maximizing Employee Productivity – Part II	10:30 am	All	2			
12/01/04	Measuring & Maximizing Employee Productivity – Part III	1:30 pm	All	2			
12/07/04	Measuring & Maximizing Employee Productivity – Part I	8:00 am	All	2	R. Tripp	Charlotte	Rod. Tripp 910-944-1603
12/07/04	Measuring & Maximizing Employee Productivity – Part II	10:30 am	All	2			
12/07/04	Measuring & Maximizing Employee Productivity – Part III	1:30 pm	All	2			
12/13/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -I	8:00 am	All	2	R. Tripp	Raleigh	Rod. Tripp 910-944-1603
12/13/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -II	10:30 am	All	2			
12/13/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -III	1:30 pm	All	2			
12/14/04	Measuring & Maximizing Employee Productivity – Part I	8:00 am	All	2	R. Tripp	Raleigh	Rod. Tripp 910-944-1603
12/14/04	Measuring & Maximizing Employee Productivity – Part II	10:30 am	All	2			
12/14/04	Measuring & Maximizing Employee Productivity – Part III	1:30 pm	All	2			
12/15/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -I	8:00 am	All	2	R. Tripp	Greensboro	Rod. Tripp 910-944-1603
12/15/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -II	10:30 am	All	2			
12/15/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -III	1:30 pm	All	2			
12/16/04	Identify, Meet & Exceed Customer Needs – Part I	8:00 am	All	2	R. Tripp	Charlotte	Rod. Tripp 910-944-1603
12/16/04	Identify, Meet & Exceed Customer Needs – Part II	10:30 am	All	2			
12/16/04	Identify, Meet & Exceed Customer Needs – Part III	1:30 pm	All	2			
12/17/04	Measuring & Maximizing Employee Productivity – Part I	8:00 am	All	2	R. Tripp	Asheville	Rod. Tripp 910-944-1603
12/17/04	Measuring & Maximizing Employee Productivity – Part II	10:30 am	All	2			
12/17/04	Measuring & Maximizing Employee Productivity – Part III	1:30 pm	All	2			
12/28/04	Identify, Meet & Exceed Customer Needs – Part I	8:00 am	All	2	R. Tripp	Raleigh	Rod. Tripp 910-944-1603
12/28/04	Identify, Meet & Exceed Customer Needs – Part II	10:30 am	All	2			
12/28/04	Identify, Meet & Exceed Customer Needs – Part III	1:30 pm	All	2			
12/29/04	Identify, Meet & Exceed Customer Needs – Part I	8:00 am	All	2	R. Tripp	Greensboro	Rod. Tripp 910-944-1603
12/29/04	Identify, Meet & Exceed Customer Needs – Part II	10:30 am	All	2			
12/29/04	Identify, Meet & Exceed Customer Needs – Part III	1:30 pm	All	2			
12/30/04	Making Dollars & Sense Out Of The NC Codes - Part I	8:00 am	All	2	R. Tripp	Charlotte	Rod. Tripp 910-944-1603
12/30/04	Making Dollars & Sense Out Of The NC Codes – Part II	10:30 am	All	2			
12/30/04	Making Dollars & Sense Out Of The NC Codes – Part III	1:30 pm	All	2			

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

A TECHNICAL TRAINING INSTITUTE									
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT		
08/13/04	Understanding Mold Issues in Plumbing & HVAC Contracting	9:00 am	All-H	2	M. Pratl	Greensboro	Rachel Daniels		
08/13/04	Possible Causes of Mold in Plumbing & HVAC Contracting	11:15am	All-H	2			800-317-7095		
08/13/04	Protecting Your Business From Mold Liability Issues	2:15 pm	All-H	2					
08/14/04	Residential & Commercial Duct System Design-Part I	9:00 am	All-H	2	M. Pratl	Greensboro	Rachel Daniels		
08/14/04	Residential & Commercial Duct System Design-Part II	11:15am	All-H	2			800-317-7095		
08/14/04	Residential & Commercial Duct System Design Part III	2:15 pm	All-H	2					
08/20/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part I	9:00 am	All	2	M. Pratl	Raleigh	Rachel Daniels		
08/20/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part II	11:15am	All	2			800-317-7095		
08/20/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part III	2:15 pm	All	2					
08/21/04	Understanding Mold Issues in Plumbing & HVAC Contracting	9:00 am	All-H	2	M. Pratl	Raleigh	Rachel Daniels		
08/21/04	Possible Causes of Mold in Plumbing & HVAC Contracting	11:15am	All-H	2			800-317-7095		
08/21/04	Protecting Your Business From Mold Liability Issues	2:15 pm	All-H	2					
08/27/04	NC Accessibility Code Review For Plumbing Contractors	9:00 am	All-P	2	M. Pratl	Raleigh	Rachel Daniels		
08/27/04	Water Quality & Water Treatment System Design	11:15am	All-P	2			800-317-7095		
08/27/04	Understanding Mold Liability in Building Structures & Health	2:15 pm	All-P	2					
08/28/04	Resolving Residential Problems & HVAC Performance Problems	9:00 am	All-H	2	M. Pratl	Raleigh	Rachel Daniels		
08/28/04	Residential HVAC Performance-Solving Performance Problems	11:15am	All-H	2			800-317-7095		
08/28/04	Rez HVAC Performance-Proper Sys. Commissioning Procedures	2:15 pm	All-H	2					
09/11/04	Understanding Mold Issues in Plumbing & HVAC Contracting	9:00 am	All-H	2	M. Pratl	Greensboro	Rachel Daniels		
09/11/04	Possible Causes of Mold in Plumbing & HVAC Contracting	11:15am	All-H	2			800-317-7095		
09/11/04	Protecting Your Business From Mold Liability Issues	2:15 pm	All-H	2					
09/17/04	NC Accessibility Code Review For Plumbing Contractors	9:00 am	All-P	2	M. Pratl	Greensboro	Rachel Daniels		
09/17/04	Water Quality & Water Treatment System Design	11:15am	All-P	2			800-317-7095		
09/17/04	Understanding Mold Liability in Building Structures & Health	2:15 pm	All-P	2					
09/18/04	Residential & Commercial Duct System Design-Part I	9:00 am	All-H	2	M. Pratl	Greensboro	Rachel Daniels		
09/18/04	Residential & Commercial Duct System Design-Part II	11:15am	All-H	2			800-317-7095		
09/18/04	Residential & Commercial Duct System Design Part III	2:15 pm	All-H	2					
09/24/04	Resolving Residential Problems & HVAC Performance Problems	9:00 am	All-H	2	M. Pratl	Charlotte	Rachel Daniels		
09/24/04	Residential HVAC Performance-Solving Performance Problems	11:15am	All-H	2			800-317-7095		
09/24/04	Residential HVAC Performance-Proper System Commissioning Procedures	2:15 pm	All-H	2					
09/25/04	NC Accessibility Code Review For Plumbing Contractors	9:00 am	All-P	2	M. Pratl	Charlotte	Rachel Daniels		
09/25/04	Water Quality & Water Treatment System Design	11:15am	All-P	2			800-317-7095		
09/25/04	Understanding Mold Liability in Building Structures & Health	2:15 pm	All-P	2					
10/01/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part I	9:00 am	All	2	M. Pratl	Charlotte	Rachel Daniels		
10/01/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part II	11:15am	All	2			800-317-7095		
10/01/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part III	2:15 pm	All	2					

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

A TECHNICAL TRAINING INSTITUTE							
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
10/02/04	Understanding Mold Issues in Plumbing & HVAC Contracting	9:00 am	All-H	2	M. Pratl	Greensboro	Rachel Daniels 800-317-7095
10/02/04	Possible Causes of Mold in Plumbing & HVAC Contracting	11:15am	All-H	2			
10/02/04	Protecting Your Business From Mold Liability Issues	2:15 pm	All-H	2			
10/08/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part I	9:00 am	All	2	M. Pratl	Raleigh	Rachel Daniels 800-317-7095
10/08/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part II	11:15am	All	2			
10/08/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part III	2:15 pm	All	2			
10/09/04	Understanding Mold Issues in Plumbing & HVAC Contracting	9:00 am	All-H	2	M. Pratl	Raleigh	Rachel Daniels 800-317-7095
10/09/04	Possible Causes of Mold in Plumbing & HVAC Contracting	11:15am	All-H	2			
10/09/04	Protecting Your Business From Mold Liability Issues	2:15 pm	All-H	2			
10/16/04	NC Accessibility Code Review For Plumbing Contractors	9:00 am	All-P	2	M. Pratl	Raleigh	Rachel Daniels 800-317-7095
10/16/04	Water Quality & Water Treatment System Design	11:15am	All-P	2			
10/16/04	Understanding Mold Liability in Building Structures & Health	2:15 pm	All-P	2			
10/23/04	NC Accessibility Code Review For Plumbing Contractors	9:00 am	All-P	2	M. Pratl	Greensboro	Rachel Daniels 800-317-7095
10/23/04	Water Quality & Water Treatment System Design	11:15am	All-P	2			
10/23/04	Understanding Mold Liability in Building Structures & Health	2:15 pm	All-P	2			
10/30/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part I	9:00 am	All	2	M. Pratl	Greensboro	Rachel Daniels 800-317-7095
10/30/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part II	11:15am	All	2			
10/30/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part III	2:15 pm	All	2			
11/03/04	Resolving Residential Problems & HVAC Performance Problems	9:00 am	All - H	2	M. Pratl	Greensboro	Rachel Daniels 800-317-7095
11/03/04	Residential HVAC Performance-Solving Performance Problems	11:15am	All - H	2			
11/03/04	Residential HVAC Performance-Proper System Commissioning Procedures	2:15 pm	All - H	2			
11/04/04	NC Accessibility Code Review For Plumbing Contractors	9:00 am	All-P	2	M. Pratl	Greensboro	Rachel Daniels 800-317-7095
11/04/04	Water Quality & Water Treatment System Design	11:15am	All-P	2			
11/04/04	Understanding Mold Liability in Building Structures & Health	2:15 pm	All-P	2			
11/05/04	Residential & Commercial Duct System Design-Part I	9:00 am	All-H	2	M. Pratl	Charlotte	Rachel Daniels 800-317-7095
11/05/04	Residential & Commercial Duct System Design-Part II	11:15am	All -H	2			
11/05/04	Residential & Commercial Duct System Design Part III	2:15 pm	All -H	2			
11/06/04	Understanding Mold Issues in Plumbing & HVAC Contracting	9:00 am	All-H	2	M. Pratl	Charlotte	Rachel Daniels 800-317-7095
11/06/04	Possible Causes of Mold in Plumbing & HVAC Contracting	11:15am	All-H	2			
11/06/04	Protecting Your Business From Mold Liability Issues	2:15 pm	All-H	2			
11/10/04	NC Accessibility Code Review For Plumbing Contractors	9:00 am	All-P	2	M. Pratl	Hickory	Rachel Daniels 800-317-7095
11/10/04	Water Quality & Water Treatment System Design	11:15am	All-P	2			
11/10/04	Understanding Mold Liability in Building Structures & Health	2:15 pm	All-P	2			
11/11/04	Understanding Mold Issues in Plumbing & HVAC Contracting	9:00 am	All-H	2	M. Pratl	Hickory	Rachel Daniels 800-317-7095
11/11/04	Possible Causes of Mold in Plumbing & HVAC Contracting	11:15am	All-H	2			
11/11/04	Protecting Your Business From Mold Liability Issues	2:15 pm	All-H	2			

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

A TECHNICAL TRAINING INSTITUTE							
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
11/12/04	NC Accessibility Code Review For Plumbing Contractors	9:00 am	All-P	2	M. Pratl	Asheville	Rachel Daniels 800-317-7095
11/12/04	Water Quality & Water Treatment System Design	11:15am	All-P	2			
11/12/04	Understanding Mold Liability in Building Structures & Health	2:15 pm	All-P	2			
11/13/04	Understanding Mold Issues in Plumbing & HVAC Contracting	9:00 am	All-H	2	M. Pratl	Asheville	Rachel Daniels 800-317-7095
11/13/04	Possible Causes of Mold in Plumbing & HVAC Contracting	11:15am	All-H	2			
11/13/04	Protecting Your Business From Mold Liability Issues	2:15 pm	All-H	2			
11/17/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part I	9:00 am	All	2	M. Pratl	Raleigh	Rachel Daniels 800-317-7095
11/17/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part II	11:15am	All	2			
11/17/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part III	2:15 pm	All	2			
11/18/04	Residential & Commercial Duct System Design-Part I	9:00 am	All-H	2	M. Pratl	Raleigh	Rachel Daniels 800-317-7095
11/18/04	Residential & Commercial Duct System Design-Part II	11:15am	All-H	2			
11/18/04	Residential & Commercial Duct System Design Part III	2:15 pm	All-H	2			
11/19/04	Resolving Residential Problems & HVAC Performance Problems	9:00 am	All-H	2	M. Pratl	Fayetteville	Rachel Daniels 800-317-7095
11/19/04	Residential HVAC Performance-Solving Performance Problems	11:15am	All-H	2			
11/19/04	Residential HVAC Performance-Propor System Commissioning Procedures	2:15 pm	All-H	2			
11/20/04	Understanding Mold Issues in Plumbing & HVAC Contracting	9:00 am	All-H	2	M. Pratl	Fayetteville	Rachel Daniels 800-317-7095
11/20/04	Possible Causes of Mold in Plumbing & HVAC Contracting	11:15am	All-H	2			
11/20/04	Protecting Your Business From Mold Liability Issues	2:15 pm	All-H	2			
12/01/04	Residential & Commercial Duct System Design-Part I	9:00 am	All-H	2	M. Pratl	Hickory	Rachel Daniels 800-317-7095
12/01/04	Residential & Commercial Duct System Design-Part II	11:15am	All-H	2			
12/01/04	Residential & Commercial Duct System Design Part III	2:15 pm	All-H	2			
12/02/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part I	9:00 am	All	2	M. Pratl	Hickory	Rachel Daniels 800-317-7095
12/02/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part II	11:15am	All	2			
12/02/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part III	2:15 pm	All	2			
12/03/04	NC Accessibility Code Review For Plumbing Contractors	9:00 am	All-P	2	M. Pratl	Charlotte	Rachel Daniels 800-317-7095
12/03/04	Water Quality & Water Treatment System Design	11:15am	All-P	2			
12/03/04	Understanding Mold Liability in Building Structures & Health	2:15 pm	All-P	2			
12/04/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part I	9:00 am	All	2	M. Pratl	Charlotte	Rachel Daniels 800-317-7095
12/04/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part II	11:15am	All	2			
12/04/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part III	2:15 pm	All	2			
12/08/04	Resolving Residential Problems & HVAC Performance Problems	9:00 am	All-H	2	M. Pratl	Raleigh	Rachel Daniels 800-317-7095
12/08/04	Residential HVAC Performance-Solving Performance Problems	11:15am	All-H	2			
12/08/04	Residential HVAC Performance-Propor System Commissioning Procedures	2:15 pm	All-H	2			
12/09/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part I	9:00 am	All	2	M. Pratl	Raleigh	Rachel Daniels 800-317-7095
12/09/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part II	11:15am	All	2			
12/09/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part III	2:15 pm	All	2			

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

A TECHNICAL TRAINING INSTITUTE							
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
12/10/04	Understanding Mold Issues in Plumbing & HVAC Contracting	9:00 am	All-H	2	M. Pratl	Fayetteville	Rachel Daniels
12/10/04	Possible Causes of Mold in Plumbing & HVAC Contracting	11:15am	All-H	2			800-317-7095
12/10/04	Protecting Your Business From Mold Liability Issues	2:15 pm	All-H	2			
12/11/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part I	9:00 am	All	2	M. Pratl	Wilmington	Rachel Daniels
12/11/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part II	11:15am	All	2			800-317-7095
12/11/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part III	2:15 pm	All	2			
12/15/04	Understanding Mold Issues in Plumbing & HVAC Contracting	9:00 am	All-H	2	M. Pratl	Greensboro	Rachel Daniels
12/15/04	Possible Causes of Mold in Plumbing & HVAC Contracting	11:15am	All-H	2			800-317-7095
12/15/04	Protecting Your Business From Mold Liability Issues	2:15 pm	All-H	2			
12/16/04	NC Accessibility Code Review For Plumbing Contractors	9:00 am	All-P	2	M. Pratl	Greensboro	Rachel Daniels
12/16/04	Water Quality & Water Treatment System Design	11:15am	All-P	2			800-317-7095
12/16/04	Understanding Mold Liability in Building Structures & Health	2:15 pm	All-P	2			
12/17/04	Understanding Mold Issues in Plumbing & HVAC Contracting	9:00 am	All-H	2	M. Pratl	Charlotte	Rachel Daniels
12/17/04	Possible Causes of Mold in Plumbing & HVAC Contracting	11:15am	All-H	2			800-317-7095
12/17/04	Protecting Your Business From Mold Liability Issues	2:15 pm	All-H	2			
12/18/04	Residential & Commercial Duct System Design-Part I	9:00 am	All-H	2	M. Pratl	Charlotte	Rachel Daniels
12/18/04	Residential & Commercial Duct System Design-Part II	11:15am	All-H	2			800-317-7095
12/18/04	Residential & Commercial Duct System Design Part III	2:15 pm	All-H	2			
12/20/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part I	9:00 am	All	2	M. Pratl	Greensboro	Rachel Daniels
12/20/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part II	11:15am	All	2			800-317-7095
12/20/04	Elec. Services & Sizing for Plumbing & HVAC Contractors-Part III	2:15 pm	All	2			
12/21/04	Understanding Mold Issues in Plumbing & HVAC Contracting	9:00 am	All-H	2	M. Pratl	Raleigh	Rachel Daniels
12/21/04	Possible Causes of Mold in Plumbing & HVAC Contracting	11:15am	All-H	2			800-317-7095
12/21/04	Protecting Your Business From Mold Liability Issues	2:15 pm	All-H	2			
AMERICAN FIRE SPRINKLER ASSOCIATION							
07/14/04	NC Administrative Rules	9:00 am	FS	2	B. Tomlinson	Rocky Mount	Tom Waller
07/14/04	Scissor Lift Training	11:00 am	FS	2	H. Carithers		336-885-5007
07/14/04	NFPA 25 Review	2:00 pm	FS	2	M. Melton		
08/04/04	NC Administrative Rules	9:00 am	FS	2	B. Tomlinson	Charlotte	Tom Waller
08/04/04	Scissor Lift Training	11:00 am	FS	2	H. Carithers		336-885-5007
08/04/04	NFPA 25 Review	2:00 pm	FS	2	R. Carr		
08/25/04	NC Administrative Rules	9:00 am	FS	2	B. Tomlinson	Morgantown	Tom Waller
08/25/04	Scissor Lift Training	11:00 am	FS	2	H. Carithers		336-885-5007
08/25/04	NFPA 25 Review	2:00 pm	FS	2	R. Carr		
09/08/04	NC Administrative Rules	9:00 am	FS	2	B. Tomlinson	Goldsboro	Tom Waller
09/08/04	Scissor Lift Training	11:00 am	FS	2	H. Carithers		336-885-5007
09/08/04	NFPA 25 Review	2:00 pm	FS	2	M. Melton		

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
09/29/04	NC Administrative Rules	9:00 am	FS	2	B. Tomlinson	Charlotte	Tom Waller
09/29/04	Scissor Lift Training	11:00 am	FS	2	H. Carithers		336-885-5007
09/29/04	NFPA 25 Review	2:00 pm	FS	2	T. Abece		
10/20/04	NC Administrative Rules	9:00 am	FS	2	B. Tomlinson	Morganton	Tom Waller
10/20/04	Scissor Lift Training	11:00 am	FS	2	H. Carithers		336-885-5007
10/20/04	NFPA 25 Review	2:00 pm	FS	2	T. Abece		
ASHEVILLE – BUNCOMBE TECHNICAL COMMUNITY COLLEGE							
09/18/04	NC Plumbing Code Review – Part I	9:00 am	All-P	2	D. Stewart	Asheville	Skye Myrick
09/18/04	NC Plumbing Code Review – Part II	12:00 pm	All-P	2			828-254-1921
09/18/04	NC Plumbing Code Review – Part I	2:00 pm	All-P	2			Ext. 5836
09/25/04	NC Mechanical Code Review – Part I	9:00 am	All-H	2	M. Swanenepoel	Candler	Skye Myrick
09/25/04	NC Mechanical Code Review – Part II	11:00 pm	All-H	2			828-254-1921
09/25/04	NC Mechanical Code Review – Part III	2:00 pm	All-H	2			Ext. 5836
12/11/04	NC Plumbing Code Review – Part I	9:00 am	All-P	2	D. Stewart	Asheville	Skye Myrick
12/11/04	NC Plumbing Code Review – Part II	12:00 pm	All-P	2			828-254-1921
12/11/04	NC Plumbing Code Review – Part I	2:00 pm	All-P	2			Ext. 5836
12/11/04	NC Mechanical Code Review – Part I	9:00 am	All-H	2	M. Swanenepoel	Candler	Skye Myrick
12/11/04	NC Mechanical Code Review – Part II	11:00 pm	All-H	2			828-254-1921
12/11/04	NC Mechanical Code Review – Part III	2:00 pm	All-H	2			Ext. 5836
ALAMANCE COMMUNITY COLLEGE							
11/06/04	NC Mechanical Code – Chapters 3-5	8:00 am	All-H	2	R. Barber	Graham	Tim Frenzel
11/06/04	NC Fuel Gas Code – Chapters 2-4	10:00 am	All-H, FP	2			336-506-4200
11/06/04	NC Accessibility Code	8:00 am	All-P	2	R. Rice	Graham	Tim Frenzel
11/06/04	NC Code Violations – Permits, Handicap req. & etc.	10:00 am	All-P	2			336-506-4200
11/06/04	Small Business Accounting Basics	1:00 pm	All	2	R. Langston		
12/04/04	NC Mechanical Code – Chapters 3-5	8:00 am	All-H	2	R. Barber	Graham	Tim Frenzel
12/04/04	NC Fuel Gas Code – Chapters 2-4	10:00 am	All-H, FP	2			336-506-4200
12/04/04	NC Accessibility Code	8:00 am	All-P	2	R. Rice	Graham	Tim Frenzel
12/04/04	NC Code Violations – Permits, Handicap req. & etc.	10:00 am	All-P	2			336-506-4200
12/04/04	Small Business Accounting Basics	1:00 pm	All	2	R. Langston		
BLUE RIDGE COMMUNITY COLLEGE							
09/18/04	NC Plumbing Code Amendments & Review – Part I	8:00 am	All-P	2	R. Bryson	Flat Rock	John Boyd
09/18/04	NC Plumbing Code Amendments & Review – Part II	10:00 am	All-P	2			828-694-1766
09/18/04	NC Plumbing Code Amendments & Review – Part III	1:00 pm	All-P	2			
10/18/04	Understanding Products & Reference Standards	6:00 pm	All	2	D. Cox	Flat Rock	John Boyd
10/19/04	NC Plumbing Code - Combination Waste & Vents	6:00 pm	All-P	2	M. Swaenpoel		828-694-1766
10/20/04	Residential Backflow, Back Siphonage, & Cross Connections	6:00 pm	All	2			
10/21/04	NC Plumbing Code – Fixtures	6:00 pm	All	2			

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

BLUE RIDGE COMMUNITY COLLEGE							
DATE	COURSE TITLE	TIME	LJC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
10/25/04	NC Plumbing Code – Chapters 6 & 7	6:00 pm	All-P	2			
10/26/04	Computer Basics for Contractors	6:00 pm	All	2	M. Swaenpoel	Flat Rock	John Boyd
CAPE FEAR COMMUNITY COLLEGE							
09/04/04	Improving your HVAC Installations	8:00 am	All-H, FP	2	L. Prince	Wilmington	Patti Allen
09/04/04	Gas + Oil – Safe Acceptable Installation	10:00 am	All-H, FP	2			910-362-7196
09/04/04	Gas-Gas-Gas What You Really Need To Know	12:00 pm	All-H, FP	2			
CLEVELAND COMMUNITY COLLEGE							
10/26/04	Heating & Air Conditioning Code Review I	6:00 pm	All-H	2	B. Pruett	Shelby	Chris Nanney
11/02/04	Heating & Air Conditioning Code Review II	6:00 pm	All-H	2			704-484-4117
11/09/04	Permitting & Inspections	6:00 pm	All-H	2			
COLLEGE OF THE ALBEMARLE							
09/14/04	Mold Inspection & Remediation For Contractors-Part I	9:00 am	All	2	E. Foster	Elizabeth City	Linda Williams
09/14/04	Mold Inspection & Remediation For Contractors-Part II	11:00 am	All	2			252-335-0821
09/14/04	Mold Inspection & Remediation For Contractors-Part III	2:00 pm	All	2			ext. 2223
09/25/04	Wrightsoft Load Calculations – Part I	9:00 am	All-H	2	M. Cartwright	Elizabeth City	Linda Williams
09/25/04	Wrightsoft Load Calculations – Part II	11:00 am	All-H	2			252-335-0821
09/25/04	Wrightsoft Load Calculations – Part III	2:00 pm	All-H	2			ext. 2223
10/26/04	Mold Inspection & Remediation For Contractors-Part I	9:00 am	All	2	E. Foster	Elizabeth City	Linda Williams
10/26/04	Mold Inspection & Remediation For Contractors-Part II	11:00 am	All	2			252-335-0821
10/26/04	Mold Inspection & Remediation For Contractors-Part III	2:00 pm	All	2			ext. 2223
11/13/04	Wrightsoft Load Calculations – Part I	9:00 am	All-H	2	M. Cartwright	Elizabeth City	Linda Williams
11/13/04	Wrightsoft Load Calculations – Part II	11:00 am	All-H	2			252-335-0821
11/13/04	Wrightsoft Load Calculations – Part III	2:00 pm	All-H	2			ext. 2223
11/30/04	Mold Inspection & Remediation For Contractors-Part I	9:00 am	All	2	E. Foster	Elizabeth City	Linda Williams
11/30/04	Mold Inspection & Remediation For Contractors-Part II	11:00 am	All	2			252-335-0821
11/30/04	Mold Inspection & Remediation For Contractors-Part III	2:00 pm	All	2			ext. 2223
12/11/04	Wrightsoft Load Calculations – Part I	9:00 am	All-H	2	M. Cartwright	Elizabeth City	Linda Williams
12/11/04	Wrightsoft Load Calculations – Part II	11:00 am	All-H	2			252-335-0821
12/11/04	Wrightsoft Load Calculations – Part III	2:00 pm	All-H	2			ext. 2223
CONTINUING EDUCATION RESOURCES							
07/31/04	Improving Your HVAC Installations	8:00 am	All-H	2	L. Prince	Wilmington	Donna Smith
07/31/04	Gas Packs- Gas & Oil Furnaces	10:00am	All-H, FP	2			910-547-8833
07/31/04	Gas-Gas-Gas	12:00pm	All-H, FP	2			
07/31/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Wilmington	Donna Smith
07/31/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2			910-547-8833
07/31/04	Understanding the NC Accessibility Code	12:00pm	All-P	2			
08/21/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Raleigh	Donna Smith
08/21/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2			910-547-8833
08/21/04	Understanding the NC Accessibility Code	12:00pm	All-P	2			
08/21/04	NC Mechanical Code Changes & Amendments	8:00 am	All-H	2	K. Tomlinson	Raleigh	Donna Smith
08/21/04	Basic HVAC Installation Code	10:00am	All-H	2			910-547-8833
08/21/04	HVAC Design Fundamentals	12:00pm	All-H	2	C. Edgerton		

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

CONTINUING EDUCATION RESOURCES									
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT		
08/28/04	Improving Your HVAC Installations	8:00 am	All-H	2	L. Prince	Southern Pines	Donna Smith		
08/28/04	Gas Packs- Gas & Oil Furnaces	10:00am	All-H, FP	2			910-547-8833		
08/28/04	Gas-Gas-Gas	12:00pm	All-H, FP	2					
08/28/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Southern Pines	Donna Smith		
08/28/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2			910-547-8833		
08/28/04	Understanding the NC Accessibility Code	12:00pm	All-P	2					
09/11/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Goldsboro	Donna Smith		
09/11/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2			910-547-8833		
09/11/04	Understanding the NC Accessibility Code	12:00pm	All-P	2					
09/11/04	NC Mechanical Code Changes & Amendments	8:00 am	All-H	2	K. Tomlinson	Goldsboro	Donna Smith		
09/11/04	Basic HVAC Installation Code	10:00am	All-H	2			910-547-8833		
09/11/04	HVAC Design Fundamentals	12:00pm	All-H	2	C. Edgerton				
09/23/04	Gas-Gas-Gas	10:00pm	All-H, FP	2	L. Prince	Atlantic Beach	Donna Smith		
09/23/04	Understanding the NC Accessibility Code	12:00pm	All-P	2	M. Smith	Atlantic Beach	910-547-8833		
09/24/04	Improving Your HVAC Installations	8:00 am	All-H	2	L. Prince	Atlantic Beach	Donna Smith		
09/24/04	Gas Packs- Gas & Oil Furnaces	10:45 am	All-H, FP	2			910-547-8833		
09/24/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Atlantic Beach	Donna Smith		
09/24/04	Design & Installation of DWV Systems-Part II	10:45 am	All-P	2			910-547-8833		
09/25/04	Improving Your HVAC Installations	8:00 am	All-H	2	L. Prince	Wilmington	Donna Smith		
09/25/04	Gas Packs- Gas & Oil Furnaces	10:00am	All-H, FP	2			910-547-8833		
09/25/04	Gas-Gas-Gas	12:00pm	All-H, FP	2					
09/25/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Wilmington	Donna Smith		
09/25/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2			910-547-8833		
09/25/04	Understanding the NC Accessibility Code	12:00pm	All-P	2					
10/02/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Raleigh	Donna Smith		
10/02/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2			910-547-8833		
10/02/04	Understanding the NC Accessibility Code	12:00pm	All-P	2					
10/02/04	NC Mechanical Code Changes & Amendments	8:00 am	All-H	2	K. Tomlinson	Raleigh	Donna Smith		
10/02/04	Basic HVAC Installation Code	10:00am	All-H	2			910-547-8833		
10/02/04	HVAC Design Fundamentals	12:00pm	All-H	2	C. Edgerton				
10/16/04	Improving Your HVAC Installations	8:00 am	All-H	2	L. Prince	Greenville	Donna Smith		
10/16/04	Gas Packs- Gas & Oil Furnaces	10:00am	All-H, FP	2			910-547-8833		
10/16/04	Gas-Gas-Gas	12:00pm	All-H, FP	2					
10/16/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Greenville	Donna Smith		
10/16/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2			910-547-8833		
10/16/04	Understanding the NC Accessibility Code	12:00pm	All-P	2					
10/30/04	Improving Your HVAC Installations	8:00 am	All-H	2	L. Prince	Wilmington	Donna Smith		
10/30/04	Gas Packs- Gas & Oil Furnaces	10:00am	All-H, FP	2			910-547-8833		
10/30/04	Gas-Gas-Gas	12:00pm	All-H, FP	2					

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

CONTINUING EDUCATION RESOURCES									
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT		
10/30/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Wilmington	Donna Smith		910-547-8833
10/30/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2					
10/30/04	Understanding the NC Accessibility Code	12:00pm	All-P	2					
11/06/04	Improving Your HVAC Installations	8:00 am	All-H	2	L. Prince	Southern Pines	Donna Smith		910-547-8833
11/06/04	Gas Packs- Gas & Oil Furnaces	10:00am	All-H, FP	2					
11/06/04	Gas-Gas-Gas	12:00pm	All-H, FP	2					
11/06/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Southern Pines	Donna Smith		910-547-8833
11/06/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2					
11/06/04	Understanding the NC Accessibility Code	12:00pm	All-P	2					
11/13/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Raleigh	Donna Smith		910-547-8833
11/13/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2					
11/13/04	Understanding the NC Accessibility Code	12:00pm	All-P	2					
11/13/04	NC Mechanical Code Changes & Amendments	8:00 am	All-H	2	K. Tomlinson	Raleigh	Donna Smith		910-547-8833
11/13/04	Basic HVAC Installation Code	10:00am	All-H	2					
11/13/04	HVAC Design Fundamentals	12:00pm	All-H	2	C. Edgerton				
11/20/04	Improving Your HVAC Installations	8:00 am	All-H	2	L. Prince	Southern Pines	Donna Smith		910-547-8833
11/20/04	Gas Packs- Gas & Oil Furnaces	10:00am	All-H, FP	2					
11/20/04	Gas-Gas-Gas	12:00pm	All-H, FP	2					
11/20/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Southern Pines	Donna Smith		910-547-8833
11/20/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2					
11/20/04	Understanding the NC Accessibility Code	12:00pm	All-P	2					
12/11/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Raleigh	Donna Smith		910-547-8833
12/11/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2					
12/11/04	Understanding the NC Accessibility Code	12:00pm	All-P	2					
12/11/04	NC Mechanical Code Changes & Amendments	8:00 am	All-H	2	K. Tomlinson	Raleigh	Donna Smith		910-547-8833
12/11/04	Basic HVAC Installation Code	10:00am	All-H	2					
12/11/04	HVAC Design Fundamentals	12:00pm	All-H	2	C. Edgerton				
12/17/04	Improving Your HVAC Installations	8:00 am	All-H	2	L. Prince	Wilmington	Donna Smith		910-547-8833
12/17/04	Gas Packs- Gas & Oil Furnaces	10:00am	All-H, FP	2					
12/17/04	Gas-Gas-Gas	12:00pm	All-H, FP	2					
12/17/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Wilmington	Donna Smith		910-547-8833
12/17/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2					
12/17/04	Understanding the NC Accessibility Code	12:00pm	All-P	2					
12/18/04	Improving Your HVAC Installations	8:00 am	All-H	2	L. Prince	Greenville	Donna Smith		910-547-8833
12/18/04	Gas Packs- Gas & Oil Furnaces	10:00am	All-H, FP	2					
12/18/04	Gas-Gas-Gas	12:00pm	All-H, FP	2					
12/18/04	Design & Installation of DWV Systems-Part I	8:00 am	All-P	2	M. Smith	Wilmington	Donna Smith		910-547-8833
12/18/04	Design & Installation of DWV Systems-Part II	10:00am	All-P	2					
12/18/04	Understanding the NC Accessibility Code	12:00pm	All-P	2					
DAVIDSON COMMUNITY COLLEGE									
07/24/04	NC Mechanical Code Chaps. 2 & 3	8:00 am	All-H	2	J. Latham	Lexington	Teresa Kines		336-751-2885
07/24/04	NC Mechanical Code Chaps. 5 & 6	10:15 am	All-H	2					
07/24/04	NC Fuel Gas Code Chapter 4	1:15 pm	All-H	2					

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

DAVIDSON COMMUNITY COLLEGE							
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
08/28/04	NC Plumbing Code Chaps. 4-7	8:00 am	All-P	2	J. Lawson	Lexington	Teresa Kines 336-751-2885
08/28/04	NC Plumbing Code Chaps. 8 -11	10:15 am	All-P	2			
08/28/04	NC Accessibility Code Chaps. 11 - 13	1:30 pm	All-P	2			
10/16/04	NC Mechanical Code-Gas Appliance Venting Req.	8:00 am	All-H	2	W. Whaley	Mocksville	Teresa Kines 336-751-2885
10/16/04	NC Mechanical Code-Installation of Gas Appliances	10:15 am	All-H	2			
10/16/04	Commercial Kitchen Exhaust Systems	1:15 pm	All-H	2			
10/23/04	NC Mechanical Code Chaps. 2 & 3	8:00 am	All-H	2	J. Latham	Lexington	Teresa Kines 336-751-2885
10/23/04	NC Mechanical Code Chaps. 5 & 6	10:15 am	All-H	2			
10/23/04	NC Fuel Gas Code Chapter 4	1:15 pm	All-H	2			
10/23/04	NC Plumbing Code-Interceptors & Separators	8:00 am	All-P	2	W. Whaley	Mocksville	Teresa Kines 336-751-2885
10/23/04	NC Plumbing Code-Fixture, Faucets, & Fixture Fittings	10:15 am	All-P	2			
10/23/04	NC Plumbing Code- Indirect & Special Waste	1:15 pm	All-P	2			
12/11/04	NC Plumbing Code Chaps. 4-7	8:00 am	All-P	2	J. Lawson	Lexington	Teresa Kines 336-751-2885
12/11/04	NC Plumbing Code Chaps. 8 -11	10:15 am	All-P	2			
12/11/04	NC Accessibility Code Chaps. 11 - 13	1:30 pm	All-P	2			
DURHAM TECH COMMUNITY COLLEGE							
09/18/04	NC Plumbing Code w/Amendments Part I	8:00 am	All-P	2	L. Ray	Durham	James McDaniel 919-686-3532
09/18/04	NC Plumbing Code w/Amendments Part II	10:10 am	All-P	2			
09/18/04	NC Plumbing Code w/Amendments Part III	1:00 pm	All-P, FP	2			
09/18/04	Introduction to Psychrometrics	8:00 am	All-H	2	J. Orum	Durham	James McDaniel 919-686-3532
09/18/04	Flows & Pressures in Residential & Comm. Bldgs.	10:10 am	All-H	2			
09/18/04	Indoor Air Quality - Mold	1:00 pm	All-H	2			
11/06/04	NC Plumbing Code w/Amendments Part I	8:00 am	All-P	2	L. Ray	Durham	James McDaniel 919-686-3532
11/06/04	NC Plumbing Code w/Amendments Part II	10:10 am	All-P	2			
11/06/04	NC Plumbing Code w/Amendments Part III	1:00 pm	All-P, FP	2			
11/06/04	Introduction to Psychrometrics	8:00 am	All-H	2	J. Orum	Durham	James McDaniel 919-686-3532
11/06/04	Flows & Pressures in Residential & Comm. Bldgs.	10:10 am	All-H	2			
11/06/04	Indoor Air Quality - Mold	1:00 pm	All-H	2			
DIVERSIFIED TECHNICAL RESOURCES							
09/11/04	HVAC Systems & Residential Moisture Problems	8:00 am	All-H	2	T. Stoner	Raleigh	Debbie Brienzi 919-858-5796
09/11/04	HVAC Systems & Commercial Moisture Problems	10:00 am	All-H	2			
09/11/04	Sizing Gas Piping/Gas Venting	12:45 pm	All-H	2			
09/18/04	HVAC Systems & Residential Moisture Problems	8:00 am	All-H	2	T. Stoner	Wallace	Debbie Brienzi 919-858-5796
09/18/04	HVAC Systems & Commercial Moisture Problems	10:00 am	All-H	2			
09/18/04	Sizing Gas Piping/Gas Venting	12:45 pm	All-H	2			
10/01/04	HVAC Systems & Residential Moisture Problems	8:00 am	All-H	2	T. Stoner	Concord	Debbie Brienzi 919-858-5796
10/01/04	HVAC Systems & Commercial Moisture Problems	10:00 am	All-H	2			
10/01/04	Sizing Gas Piping/Gas Venting	12:45 pm	All-H	2			

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

DIVERSIFIED TECHNICAL RESOURCES									
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT		
10/02/04	HVAC Systems & Residential Moisture Problems	8:00 am	All-H	2	T. Stoner	Gastonia	Debbie Brienzi 919-858-5796		
10/02/04	HVAC Systems & Commercial Moisture Problems	10:00 am	All-H	2					
10/02/04	Sizing Gas Piping/Gas Venting	12:45 pm	All-H	2					
10/23/04	HVAC Systems & Residential Moisture Problems	8:00 am	All-H	2	T. Stoner	Mebane	Debbie Brienzi 919-858-5796		
10/23/04	HVAC Systems & Commercial Moisture Problems	10:00 am	All-H	2					
10/23/04	Sizing Gas Piping/Gas Venting	12:45 pm	All-H	2					
11/06/04	HVAC Systems & Residential Moisture Problems	8:00 am	All-H	2	T. Stoner	Fayetteville	Debbie Brienzi 919-858-5796		
11/06/04	HVAC Systems & Commercial Moisture Problems	10:00 am	All-H	2					
11/06/04	Sizing Gas Piping/Gas Venting	12:45 pm	All-H	2					
11/13/04	HVAC Systems & Residential Moisture Problems	8:00 am	All-H	2	T. Stoner	Rocky Mount	Debbie Brienzi 919-858-5796		
11/13/04	HVAC Systems & Commercial Moisture Problems	10:00 am	All-H	2					
11/13/04	Sizing Gas Piping/Gas Venting	12:45 pm	All-H	2					
12/04/04	HVAC Systems & Residential Moisture Problems	8:00 am	All-H	2	T. Stoner	Dunn	Debbie Brienzi 919-858-5796		
12/04/04	HVAC Systems & Commercial Moisture Problems	10:00 am	All-H	2					
12/04/04	Sizing Gas Piping/Gas Venting	12:45 pm	All-H	2					
12/11/04	HVAC Systems & Residential Moisture Problems	8:00 am	All-H	2	T. Stoner	Cleveland Crossings	Debbie Brienzi 919-858-5796		
12/11/04	HVAC Systems & Commercial Moisture Problems	10:00 am	All-H	2					
12/11/04	Sizing Gas Piping/Gas Venting	12:45 pm	All-H	2					
ENERGY MARKETING SERVICES									
09/10/04	Changes to Manual J (8 th Edition)	9:00 am	All-H	2	J. White	Myrtle Beach	John White 252-758-1549		
09/10/04	Duct Sizing & Air Distribution	11:00 am	All-H	2					
09/10/04	Duct Sizing & Air Distribution for Zoning	2:00 pm	All-H	2					
09/18/04	Changes to Manual J (8 th Edition)	9:00 am	All-H	2	J. White	Chapel Hill	John White 252-758-1549		
09/18/04	Duct Sizing & Air Distribution	11:00 am	All-H	2					
09/18/04	Duct Sizing & Air Distribution for Zoning	2:00 pm	All-H	2					
10/02/04	Changes to Manual J (8 th Edition)	9:00 am	All-H	2	J. White	Jacksonville	John White 252-758-1549		
10/02/04	Duct Sizing & Air Distribution	11:00 am	All-H	2					
10/02/04	Duct Sizing & Air Distribution for Zoning	2:00 pm	All-H	2					
10/08/04	Changes to Manual J (8 th Edition)	9:00 am	All-H	2	J. White	Nags Head	John White 252-758-1549		
10/08/04	Duct Sizing & Air Distribution	11:00 am	All-H	2					
10/08/04	Duct Sizing & Air Distribution for Zoning	2:00 pm	All-H	2					
10/16/04	Changes to Manual J (8 th Edition)	9:00 am	All-H	2	J. White	Goldsboro	John White 252-758-1549		
10/16/04	Duct Sizing & Air Distribution	11:00 am	All-H	2					
10/16/04	Duct Sizing & Air Distribution for Zoning	2:00 pm	All-H	2					
10/30/04	Changes to Manual J (8 th Edition)	9:00 am	All-H	2	J. White	Smithfield	John White 252-758-1549		
10/30/04	Duct Sizing & Air Distribution	11:00 am	All-H	2					
10/30/04	Duct Sizing & Air Distribution for Zoning	2:00 pm	All-H	2					
11/13/04	Changes to Manual J (8 th Edition)	9:00 am	All-H	2	J. White	Kinston	John White 252-758-1549		
11/13/04	Duct Sizing & Air Distribution	11:00 am	All-H	2					
11/13/04	Duct Sizing & Air Distribution for Zoning	2:00 pm	All-H	2					

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

ENERGY MARKETING SERVICES							
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
11/19/04	Changes to Manual J (8 th Edition)	9:00 am	All-H	2	J. White	Morehead City	John White
11/19/04	Duct Sizing & Air Distribution	11:00 am	All-H	2			252-758-1549
11/19/04	Duct Sizing & Air Distribution for Zoning	2:00 pm	All-H	2			
11/27/04	Changes to Manual J (8 th Edition)	9:00 am	All-H	2	J. White	Roanoke Rapids	John White
11/27/04	Duct Sizing & Air Distribution	11:00 am	All-H	2			252-758-1549
11/27/04	Duct Design & Air Distribution for Zoning	2:00 pm	All-H	2			
12/10/04	Changes to Manual J (8 th Edition)	9:00 am	All-H	2	J. White	Rocky Mount	John White
12/10/04	Duct Sizing & Air Distribution	11:00 am	All-H	2			252-758-1549
12/10/04	Duct Sizing & Air Distribution for Zoning	2:00 pm	All-H	2			
12/11/04	Changes to Manual J (8 th Edition)	9:00 am	All-H	2	J. White	Greenville	John White
12/11/04	Duct Sizing & Air Distribution	11:00 am	All-H	2			252-758-1549
12/11/04	Duct Sizing & Air Distribution for Zoning	2:00 pm	All-H	2			
12/17/04	Changes to Manual J (8 th Edition)	9:00 am	All-H	2	J. White	New Bern	John White
12/17/04	Duct Sizing & Air Distribution	11:00 am	All-H	2			252-758-1549
12/17/04	Duct Sizing & Air Distribution for Zoning	2:00 pm	All-H	2			
FAYETTEVILLE TECH COMMUNITY COLLEGE							
09/11/04	Residential/Commercial Energy Conservation - Part I	8:15 am	All	2	F. Arnold	Fayetteville	Gerald Daniel
09/11/04	Residential/Commercial Energy Conservation - Part II	10:30 am	All	2			910-678-8493
09/11/04	Residential/Commercial Energy Conservation - Part III	1:30 pm	All	2			
11/13/04	Intro To Blueprint Reading	8:15 am	All	2	F. Arnold	Fayetteville	Gerald Daniel
11/13/04	AC/Refrigeration/ Sheetmetal Blueprint Reading	10:30 am	All	2			910-678-8493
11/13/04	Building/Piping/Plumbing Blueprint Reading	1:30 pm	All	2			
12/11/04	Residential/Commercial Energy Conservation - Part I	8:15 am	All	2	F. Arnold	Fayetteville	Gerald Daniel
12/11/04	Residential/Commercial Energy Conservation - Part II	10:30 am	All	2			910-678-8493
12/11/04	Residential/Commercial Energy Conservation - Part III	1:30 pm	All	2			
FORSYTH TECH COMMUNITY COLLEGE							
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
08/28/04	NC Mechanical Code - Part I	9:00 am	All-H	2	K. Joyner	Winston-Salem	Jerry Hobson
08/28/04	NC Mechanical Code - Part II	11:05 am	All-H	2			336-734-7726
08/28/04	Lookout-Tag out - Confined Space Entry	2:00 pm	All	2			
09/11/04	NC Plumbing Code - Part I	9:00 am	All-P	2	T. Stewart	Winston-Salem	Jerry Hobson
09/11/04	NC Plumbing Code - Part II	11:05 am	All-P	2			336-734-7726
09/11/04	Trenching and Excavation	2:00 pm	All-P	2			
GRADY HARLOW, INC.							
08/13/04	NC Plumbing Code - Vents	8:00 am	All-P	2	M. Harlow	Wilmington	Tamara Harlow
08/13/04	Danger Lurks (water heaters)	10:30 am	All-P	2			919-524-3446
08/13/04	NC Fuel Gas Code - Fuel Piping	1:30 pm	All-P, FP	2			
08/14/04	Measuring & Maximizing Employee Productivity - Part I	8:00 am	All	2	R. Tripp	Wilmington	Tamara Harlow
08/14/04	Measuring & Maximizing Employee Productivity - Part II	10:30 am	All	2			919-524-3446
08/14/04	Measuring & Maximizing Employee Productivity - Part III	1:30 pm	All	2			

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

GRADY HARLOW, INC.									
DATE	COURSE TITLE	TIME	LJC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT		
10/08/04	NC Plumbing Code - Vents	8:00 am	All-P	2	M. Harlow	Charlotte	Tamara Harlow 919-524-3446		
10/08/04	Danger Lurks (water heaters)	10:30 am	All-P	2					
10/08/04	NC Fuel Gas Code - Fuel Piping	1:30 pm	All-P, FP	2					
10/09/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -I	8:00 am	All	2	R. Tripp	Charlotte	Mona Flowers 803-772-7834		
10/09/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -II	10:30 am	All	2					
10/09/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -III	1:30 pm	All	2					
11/05/04	Measuring & Maximizing Employee Productivity - Part I	8:00 am	All	2	R. Tripp	Raleigh	Tamara Harlow 919-524-3446		
11/05/04	Measuring & Maximizing Employee Productivity - Part II	10:30 am	All	2					
11/05/04	Measuring & Maximizing Employee Productivity - Part III	1:30 pm	All	2					
11/20/04	NC Plumbing Code - Vents	8:00 am	All-P	2	M. Harlow	Raleigh	Tamara Harlow 919-524-3446		
11/20/04	Danger Lurks (water heaters)	10:30 am	All-P	2					
11/20/04	NC Fuel Gas Code - Fuel Piping	1:30 pm	All-P, FP	2					
HALIFAX COMMUNITY COLLEGE									
11/02/04	NC Energy Code: Changes and Amendments	9:00 am	All	2	C. Conwell	Weldon	Willa Dickens 252-536-7274		
11/02/04	Vents and Indirect Waste	11:00 am	All -H-P	2					
11/02/04	Fixture Calculations	2:00 pm	All-H-P	2					
11/04/04	NC Energy Code: Changes and Amendments	9:00 am	All	2	C. Conwell	Weldon	Willa Dickens 252-536-7274		
11/04/04	Vents and Indirect Waste	11:00 am	All -H-P	2					
11/04/04	Fixture Calculations	2:00 pm	All-H-P	2					
HAYWOOD COMMUNITY COLLEGE									
10/09/04	NC Plumbing Code Update - Part I	8:00 am	All-P, FP	2	J. Rogers	Clyde	Brenda Green 828-627-4667		
10/09/04	NC Plumbing Code Update - Part II	10:00 am	All-P, FP	2					
10/09/04	NC Plumbing Code Update - Part III	1:00 pm	All-P, FP	2					
10/16/04	NC Mechanical Code Update - Part I	8:00 am	All-H	2	J. Rogers	Clyde	Brenda Green 828-627-4667		
10/16/04	NC Mechanical Code Update - Part II	10:00 am	All-H	2					
10/23/04	NC Fuel Gas Code Update - Part I	8:00 am	All-P-H-FP	2	J. Rogers	Clyde	Brenda Green 828-627-4667		
10/23/04	NC Fuel Gas Code Update - Part II	10:00 am	All-P-H-FP	2					
10/23/04	NC Fuel Gas Code Update - Part III	1:00 pm	All-P-H-FP	2					
HIGGINS SEMINARS									
07/01/04	Gas Pipe Installation	6:00 pm	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021		
07/02/04	Venting of Specific Appliances	6:00 pm	All-H	2					
07/03/04	Top Fifteen Inspection Failures	6:00 pm	All	2					
07/24/04	Gas Pipe Installation	8:00 am	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021		
07/24/04	Venting of Specific Appliances	10:15 am	All-H	2					
07/24/04	Top Fifteen Inspection Failures	1:00 pm	All	2					
08/02/04	Gas Pipe Installation	6:00 pm	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021		
08/03/04	Venting of Specific Appliances	6:00 pm	All-H	2					
08/04/04	Top Fifteen Inspection Failures	6:00 pm	All	2					

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

HIGGINS SEMINARS							
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
08/11/04	Gas Pipe Installation	8:00 am	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021
08/11/04	Venting of Specific Appliances	10:15 am	All-H	2			
08/11/04	Top Fifteen Inspection Failures	1:00 pm	All	2			
09/11/04	Gas Pipe Installation	8:00 am	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021
09/11/04	Venting of Specific Appliances	10:15 am	All-H	2			
09/11/04	Top Fifteen Inspection Failures	1:00 pm	All	2			
09/13/04	Gas Pipe Installation	6:00 pm	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021
09/14/04	Venting of Specific Appliances	6:00 pm	All-H	2			
09/15/04	Top Fifteen Inspection Failures	6:00 pm	All	2			
10/04/04	Gas Pipe Installation	6:00 pm	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021
10/05/04	Venting of Specific Appliances	6:00 pm	All-H	2			
10/06/04	Top Fifteen Inspection Failures	6:00 pm	All	2			
10/16/04	Gas Pipe Installation	8:00 am	All-H, FP	2	S. Higgins	Henderson	Skip Higgins 919-828-9021
10/16/04	Venting of Specific Appliances	10:15 am	All-H	2			
10/16/04	Top Fifteen Inspection Failures	1:00 pm	All	2			
11/01/04	Gas Pipe Installation	6:00 pm	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021
11/02/04	Venting of Specific Appliances	6:00 pm	All-H	2			
11/03/04	Top Fifteen Inspection Failures	6:00 pm	All	2			
11/06/04	Gas Pipe Installation	8:00 am	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021
11/06/04	Venting of Specific Appliances	10:15 am	All-H	2			
11/06/04	Top Fifteen Inspection Failures	1:00 pm	All	2			
12/06/04	Gas Pipe Installation	6:00 pm	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021
12/06/04	Venting of Specific Appliances	6:00 pm	All-H	2			
12/06/04	Top Fifteen Inspection Failures	6:00 pm	All	2			
12/07/04	Gas Pipe Installation	8:00 am	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021
12/07/04	Venting of Specific Appliances	10:15 am	All-H	2			
12/07/04	Top Fifteen Inspection Failures	1:00 pm	All	2			
12/11/04	Gas Pipe Installation	6:00 pm	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021
12/11/04	Venting of Specific Appliances	6:00 pm	All-H	2			
12/11/04	Top Fifteen Inspection Failures	6:00 pm	All	2			
12/11/04	Gas Pipe Installation	8:00 am	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021
12/11/04	Venting of Specific Appliances	10:15 am	All-H	2			
12/11/04	Top Fifteen Inspection Failures	1:00 pm	All	2			
12/18/04	Gas Pipe Installation	8:00 am	All-H, FP	2	S. Higgins	Raleigh	Skip Higgins 919-828-9021
12/18/04	Venting of Specific Appliances	10:15 am	All-H	2			
12/18/04	Top Fifteen Inspection Failures	1:00 pm	All	2			
ISOTHERMAL COMMUNITY COLLEGE							
07/17/04	Residential Backflow, Back Siphonage, & Cross Connection	8:00 am	All-P	2	D. Cox	Spindale	Noel Isham 828-286-3636
07/17/04	NC Plumbing Code: Chapter 6 & 7	10:00 am	All-P	2			Ext. 223
07/17/04	NC Plumbing Code: Chapter 2 & 3	1:00 pm	All-P	2			Noel Isham 828-286-3636
08/14/04	Residential Backflow, Back Siphonage, & Cross Connection	8:00 am	All-P	2	D. Cox	Spindale	Ext. 223
08/14/04	NC Plumbing Code: Chapter 6 & 7	10:00 am	All-P	2			Noel Isham 828-286-3636
08/14/04	NC Plumbing Code: Chapter 2 & 3	1:00 pm	All-P	2			Ext. 223

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

JAMES SPRUNT COMMUNITY COLLEGE							
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
09/11/04	Improving Your HVAC Installations	8:00 am	All-H, FP	2	L. Prince	Kenansville	Jackie Lanier 910-296-2461
09/11/04	Gas & Oil - Safe Acceptable Installation	10:00 am	All-H, FP	2			
09/11/04	Gas-Gas-Gas - What You Really Need To Know	12:00 pm	All-H, FP	2			
11/13/04	Improving Your HVAC Installations	8:00 am	All-H, FP	2	L. Prince	Kenansville	Jackie Lanier 910-296-2461
11/13/04	Gas & Oil - Safe Acceptable Installation	10:00 am	All-H, FP	2			
11/13/04	Gas-Gas-Gas - What You Really Need To Know	12:00 pm	All-H, FP	2			
JAMES M. PLEASANTS CO., INC.							
07/21/04	Venting for Condensing & Non-Condensing Gas Boiler Apps	10:00 am	All-H	2	T. Midgett	Fayetteville	Linda Breedlove
08/04/04	Steam Systems I	8:30 am	All-H	2	D. Pleasants	Raleigh	800-365-9010
08/04/04	Steam Systems II	10:30 am	All-H	2			
08/04/04	Steam Systems III	1:30 pm	All-H	2			
08/18/04	Venting for Condensing & Non-Condensing Gas Boiler Apps	10:00 am	All-H	2	T. Midgett	Greenville	Linda Breedlove
08/18/04	Steam Systems I	8:30 am	All-H	2	D. Pleasants	Charlotte	800-365-9010
08/18/04	Steam Systems II	10:30 am	All-H	2			
08/18/04	Steam Systems III	1:30 pm	All-H	2			
09/15/04	Venting for Condensing & Non-Condensing Gas Boiler Apps	10:00 am	All-H	2	T. Midgett	Asheville	Linda Breedlove
10/13/04	Steam Systems I	8:30 am	All-H	2	D. Pleasants	Asheville	800-365-9010
10/13/04	Steam Systems II	10:30 am	All-H	2			
10/13/04	Steam Systems III	1:30 pm	All-H	2			
11/17/04	Steam Systems I	8:30 am	All-H	2	D. Pleasants	Greensboro	800-365-9010
11/17/04	Steam Systems II	10:30 am	All-H	2			
11/17/04	Steam Systems III	1:30 pm	All-H	2			
MAC'S SEMINARS							
08/24/04	NC Plumbing Code Review - Part I	6:00 pm	All-P	2	W. Godfrey	Lincolnton	Wayne Godfrey
08/25/04	NC Plumbing Code Review - Part II	6:00 pm	All-P	2	S. Leonhardt	Lincolnton	704-736-8723
08/26/04	NC Fuel Gas Code Review	6:00 pm	All-P-H-FP	2	W. Godfrey	Lincolnton	
08/30/04	NC Mechanical Code Review - Part I	6:00 pm	All-H	2	S. Leonhardt	Lincolnton	
08/31/04	NC Mechanical Code Review - Part II	6:00 pm	All-H	2	W. Godfrey	Lincolnton	
08/21/04	NC Administrative Code - Permitting	8:00 am	All	2	F. McKenzie	Asheville	Fred McKenzie
08/21/04	NC Fuel Gas Code Changes-Top 25	10:15 am	All	2			828-259-5673
08/21/04	NC Mech. & Fuel Gas Code - Gas Pipe Sizing	12:30 pm	All	2			
10/23/04	NC Mechanical Code - Chapters 3 & 4	8:00 am	All-H	2	F. McKenzie	Asheville	Fred McKenzie
10/23/04	NC Administrative Code - Permitting	10:15 am	All	2			828-259-5673
10/23/04	NC Fuel Gas Code - Proper Use Of Venting Tables	12:30 pm	All	2			
10/30/04	NC Mechanical & Fuel Gas Code Review I	7:00 am	All-H, FP	2	T. Bumgarner	Lenoir	Tom Bumgarner
10/30/04	NC Mechanical & Fuel Gas Code Review II	9:00 am	All-H, FP	2			828-426-8585
10/30/04	NC Mechanical & Fuel Gas Code Review III	11:00 am	All-H, FP	2			

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

MECHANICAL CONTRACTORS OF NORTH CAROLINA/NCHACCA									
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT		
12/04/04	NC Administrative Rules-Permits & Inspections	8:00 am	All	2	B. Gardner	Durham	Rae Helms		
12/04/04	Gas Pipe Sizing, Installation, & CSST Installation	10:00 am	All-H-FP	2			704-503-1331		
12/04/04	Do's and Don'ts of Mechanical Installations	12:00 pm	All-H	2					
12/11/04	Improving Your HVAC Installations	8:00 am	All-H-FP	2	L. Prince	Wilmington	Rae Helms		
12/11/04	Gas Packs- Gas & Oil Furnaces	10:00am	All-H, FP	2			704-503-1331		
12/11/04	Gas-Gas-Gas: What You Need To Know	12:00pm	All-H, FP	2					
12/11/04	NC Fuel Gas Code- General Regulations	8:00 am	All-H, FP	2	D. Plummer	Charlotte	Rae Helms		
12/11/04	NC Fuel Gas Code- Specific Appliances	10:00am	All-H, FP	2			704-503-1331		
12/11/04	NC Fuel Gas & Mechanical Code- Q & A and Interpretations	12:00pm	All-H, FP	2					
12/11/04	NC Accessibility Code: Chapters 11, 12, 13	8:00 am	All-P	2	L. Niblock	Charlotte	Rae Helms		
12/11/04	Sanitary Drainage & Indirect Waste Chapters 7 & 8	10:00 am	All-P	2			704-503-1331		
12/11/04	Contractor's Legal Rights & Responsibilities	12:00 pm	All-H-P	2					
12/11/04	NC Accessibility w/Amend. & Contractor Responsibilities	8:00 am	All-P	2	S. Green	Greensboro	Rae Helms		
12/11/04	Procedures of Permits & Inspections	10:00 am	All-P	2			704-503-1331		
12/11/04	Review of Drain, Waste, & Venting Problems	12:00 pm	All-P	2					
12/11/04	NC Fuel Gas Code-Chapters 3-6	8:00 am	All-H, FP	2	M. Perry	Greensboro	Rae Helms		
12/11/04	NC Mechanical Code-Chapters 5-9	10:00 am	All-H	2			704-503-1331		
12/11/04	NC Admin. Rules-Do's & Don'ts Permits & Inspections	12:00 pm	All	2					
12/11/04	Overview of Plumbing Code Chapters 7 & 9	8:00 am	All-P	2	J. Lamb	Hickory	Rae Helms		
12/11/04	Water Heater Install & Protection, Combustion Air	10:00 am	All-P	2			704-503-1331		
12/11/04	NCPC Interpretations-Fire Rated Assemblies & Penetration	12:00 pm	All-P	2					
12/11/04	NC Mechanical Code Review of Interpretations	8:00 am	All-H	2	J. Hinkle	Hickory	Rae Helms		
12/11/04	Indoor Air Quality & Ventilation	10:00 am	All-H	2			704-503-1331		
12/11/04	Gas Pipe Sizing & Installation	12:00 pm	All-H-FP	2					
MECHANICAL CONTRACTORS ASSOCIATION OF SOUTH CAROLINA									
08/18/04	Hydronic Systems One - Part I	9:00 am	All	2	H. King	Columbia, SC	Mona Flowers		
08/18/04	Hydronic Systems One - Part II	11:00 am	All	2			803-772-7834		
08/18/04	Hydronic Systems One - Part III	2:00 pm	All	2					
09/15/04	Hydronic Systems Two -Part I	9:00 am	All	2	H. King	Columbia, SC	Mona Flowers		
09/15/04	Hydronic Systems Two -Part II	11:00 am	All	2			803-772-7834		
09/15/04	Hydronic Systems Two -Part III	2:00 pm	All	2					
10/13/04	Steam Systems - Part I	9:00 am	All	2	H. King	Columbia, SC	Mona Flowers		
10/13/04	Steam Systems - Part II	11:00 am	All	2			803-772-7834		
10/13/04	Steam Systems - Part III	2:00 pm	All	2					
11/03/04	Measuring & Maximizing Employee Productivity - Part I	9:00 am	All	2	R. Tripp	Columbia, SC	Mona Flowers		
11/03/04	Measuring & Maximizing Employee Productivity - Part II	11:00 am	All	2			803-772-7834		
11/03/04	Measuring & Maximizing Employee Productivity - Part III	2:00 pm	All	2					

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

MECHANICAL CONTRACTORS ASSOCIATION OF SOUTH CAROLINA							
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
11/17/04	Cooling Tower & Chiller Plant Piping Systems – Part I	9:00 am	All	2	M. Bingham	Columbia, SC	Mona Flowers 803-772-7834
11/17/04	Cooling Tower & Chiller Plant Piping Systems – Part II	11:00 am	All	2			
11/17/04	Cooling Tower & Chiller Plant Piping Systems – Part III	2:00 pm	All	2			
12/08/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -I	9:00 am	All	2	R. Tripp	Columbia, SC	Mona Flowers 803-772-7834
12/08/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -II	11:00 am	All	2			
12/08/04	The 3 Things Contractors Must Do to Succeed & 101 Ways -III	2:00 pm	All	2			
MITCHELL COMMUNITY COLLEGE							
09/18/04	Minimum Facilities Requirements	9:00 am	All-P	2	T. Pace	Mooreville	Diane Pritchard 704-878-4266
09/18/04	Storm Drainage Systems & NC Plumbing Code	11:00 am	All-P	2			
09/18/04	Combustion Air/ NC Mech. & Fuel Gas Code	2:00 pm	All-H	2			
11/20/04	General Regs./ Mech. & Fuel Gas Code	9:00 am	All-H, FP	2	T. Pace	Mooreville	Diane Pritchard 704-878-4266
11/20/04	Specific Appliances/Mech. & Fuel Gas Code	11:00 am	All-H, FP	2			
11/20/04	Combustion Air/ NC Mech. & Fuel Gas Code	2:00 pm	All-H, FP	2			
NASH COMMUNITY COLLEGE							
10/09/04	NC Accessibility Code-Vol. 1-C Part A	8:00 am	All-P	2	H. Threatt	Rocky Mount	Gary Blackburn 252-443-4011
10/09/04	NC Accessibility Code-Vol. 1-C Part B	10:00 am	All-P	2			Ext. 285
10/19/04	NC Plumbing Code Update	1:00 pm	All-P	2			
NORTH CAROLINA ASSOCIATION OF PLUMBING, HEATING, COOLING CONTRACTORS							
07/31/04	Residential Duct Calculations	8:00 am	All-H	2	J. Thompson	Asheville	Carla Gilbert 877-742-2423
07/31/04	Indoor Air Quality	10:15 am	All-H	2			
07/31/04	Mold Basics: Clean-up & Prevention	1:00 pm	All	2			
07/31/04	NC Plumbing Code Review: Chapters 1-6	8:00 am	All-P	2	P. Bodenheimer	Asheville	Carla Gilbert 877-742-2423
07/31/04	NC Plumbing Code Review: Chapters 7-11	10:15 am	All-P	2			
07/31/04	Understanding the NC Accessibility Code & Plumber's Math	1:00 pm	All-P	2			
08/14/04	NC Plumbing Code Review: Water Heaters & Installation	8:00 am	All-P	2	J. Phipps	Greensboro	Carla Gilbert 877-742-2423
08/14/04	NC Plumbing Code Review: Sanitary Drainage & Venting	10:15 am	All-P	2			
08/14/04	NC Plumbing Code Review: Permits, Inspections & Etc	1:00 pm	All-P	2			
08/28/04	Gas Piping & Gas Installation	8:00 am	All	2	M. Thompson	Greensboro	Carla Gilbert 877-742-2423
08/28/04	Indoor Air Quality	10:15 am	All	2			
08/28/04	"Guerrilla Marketing" for Contractors	2:00 pm	All	2			
09/11/04	Indoor Air Quality	8:00 am	All	2	J. Thompson	Wilson	Carla Gilbert 877-742-2423
09/11/04	Mold Basics: Clean-up & Prevention	10:15 am	All	2			
09/11/04	Gas Piping & Gas Installation	2:00 pm	All	2			
09/11/04	NC Plumbing Code Review: Chapters 1-6	8:00 am	All-P	2	P. Bodenheimer	Wilson	Carla Gilbert 877-742-2423
09/11/04	NC Plumbing Code Review: Chapters 7-11	10:15 am	All-P	2			
09/11/04	Understanding the NC Accessibility Code & Plumber's Math	1:00 pm	All-P	2			

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

NORTH CAROLINA ASSOCIATION OF PLUMBING, HEATING, COOLING CONTRACTORS									
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT		
09/25/04	Indoor Air Quality	8:00 am	All	2	J. Thompson	High Point	Carla Gilbert 877-742-2423		
09/25/04	Mold Basics: Clean-up & Prevention	10:15 am	All	2					
09/25/04	Gas Piping & Gas Installation	1:00 pm	All	2					
09/25/04	NC Plumbing Code Review: Chapters 1-6	8:00 am	All-P	2	P. Bodenheimer	High Point	Carla Gilbert 877-742-2423		
09/25/04	NC Plumbing Code Review: Chapters 7-11	10:15 am	All-P	2					
09/25/04	Understanding the NC Accessibility Code & Plumber's Math	1:00 pm	All-P	2					
10/09/04	Mold Basics: Clean-up & Prevention	8:00 am	All	2	J. Thompson	Clinton	Carla Gilbert 877-742-2423		
10/09/04	Permits and Inspections	10:15 am	All	2					
10/09/04	Gas Piping & Gas Installation	1:00 pm	All	2					
10/09/04	NCPC-Fixture, Faucets, & Fixture Fittings	8:00 am	All-P	2	T. Salzmann	Clinton	Carla Gilbert 877-742-2423		
10/09/04	NCPC-Water Heaters, Water Supply & Distribution	10:15 am	All-P	2					
10/09/04	NCPC-Drainage, Waste, & Vents	1:00 pm	All-P	2					
10/16/04	Residential Duct Calculations	8:00 am	All, H	2	M. Thompson	Hickory	Carla Gilbert 877-742-2423		
10/16/04	Mold Issues For Contractors	10:15 am	All	2					
10/16/04	Gas Piping & Gas Installation	1:00 pm	All	2					
10/16/04	NC Plumbing Code Review: Water Heaters & Installation	8:00 am	All-P	2	J. Phipps	Hickory	Carla Gilbert 877-742-2423		
10/16/04	NC Plumbing Code Review: Sanitary Drainage & Venting	10:15 am	All-P	2					
10/16/04	NC Plumbing Code Review: Permits, Inspections & Etc	1:00 pm	All-P	2					
10/23/04	The Art of Managing To Keep Your Company & Employees	8:00 am	All	2	D. Hadley	Raleigh	Carla Gilbert 877-742-2423		
10/23/04	Indoor Air Quality	10:15 am	All	2	M. Thompson				
10/23/04	Gas Piping & Gas Installation	1:00 pm	All	2					
10/23/04	NCPC Review: Drainage, Waste, & Vents	8:00 am	All-P	2	J. Thompson	Raleigh	Carla Gilbert 877-742-2423		
10/23/04	Mold Basics: Clean-up & Prevention	10:15 am	All	2					
10/23/04	Gas Pipe Sizing	1:00 pm	All	2					
11/06/04	Mold Basics: Clean-up & Prevention	8:00 am	All	2	J. Thompson	Charlotte	Carla Gilbert 877-742-2423		
11/06/04	Residential Duct Calculations	10:15 am	All-H	2					
11/06/04	Gas Piping & Gas Installation	1:00 pm	All	2					
11/06/04	Understanding the NC Accessibility Code & Plumber's Math	8:00 am	All-P	2	P. Bodenheimer	Charlotte	Carla Gilbert 877-742-2423		
11/06/04	NC Plumbing Code Review: Chapters 1-6	10:15 am	All-P	2					
11/06/04	NC Plumbing Code Review: Chapters 7-11	1:00 pm	All-P	2					
11/13/04	NC Mechanical Code Review: Permits and Inspections	8:00 am	All, H	2	J. Thompson	Atlantic Beach	Carla Gilbert 877-742-2423		
11/13/04	Mold Issues For Contractors	10:15 am	All	2					
11/13/04	Gas Piping & Gas Installation	2:00 pm	All	2					
11/13/04	NC Plumbing Code: Permits and Inspections	8:00 am	All-P	2	T. Salzmann	Atlantic Beach	Carla Gilbert 877-742-2423		
11/13/04	IPC-Water Heaters, Water Supply & Distribution	10:15 am	All-P	2					
11/13/04	IPC-Drainage, Waste, & Vents	1:00 pm	All-P	2					
11/20/04	Indoor Air Quality	8:00 am	All	2	M. Thompson	Durham	Carla Gilbert 877-742-2423		
11/20/04	Gas Piping & Gas Installation	10:15 am	All	2					

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

NORTH CAROLINA ASSOCIATION OF PLUMBING, HEATING, COOLING CONTRACTORS

DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
11/20/04	The Art of Managing To Keep Your Company & Employees	1:00 pm	All	2	D. Hadley		
11/20/04	Understanding the NC Accessibility Code & Plumber's Math	8:00 am	All-P	2	P. Bodenheimer	Durham	Carla Gilbert 877-742-2423
11/20/04	NC Plumbing Code Review: Chapters 1-6	10:15 am	All-P	2			
11/20/04	NC Plumbing Code Review: Chapters 7-11	1:00 pm	All-P	2			
12/04/04	Indoor Air Quality	8:00 am	All	2	J. Thompson	Salisbury	Carla Gilbert 877-742-2423
12/04/04	Mold Basics: Clean-up & Prevention	10:15 am	All	2			
12/04/04	Gas Piping & Gas Installation	1:00 pm	All	2			
12/04/04	NC Plumbing Code Review: Water Heaters & Installation	8:00 am	All-P	2	J. Phipps	Salisbury	Carla Gilbert 877-742-2423
12/04/04	NC Plumbing Code Review: Sanitary Drainage & Venting	10:15 am	All-P	2			
12/04/04	NC Plumbing Code Review: Permits, Inspections & Etc	1:00 pm	All-P	2			
12/11/04	Mold Basics: Clean-up & Prevention	8:00 am	All	2	J. Thompson	Burlington	Carla Gilbert 877-742-2423
12/11/04	Gas Piping & Gas Installation	10:15 am	All	2			
12/11/04	Customer Service Concepts & Techniques	1:00 pm	All	2	J. Mc Daniel		
12/11/04	NC Plumbing Code Review: Water Heaters & Installation	8:00 am	All-P	2	J. Phipps	Burlington	Carla Gilbert 877-742-2423
12/11/04	NC Plumbing Code Review: Sanitary Drainage & Venting	10:15 am	All-P	2			
12/11/04	NC Plumbing Code Review: Permits, Inspections & Etc	1:00 pm	All-P	2			

NORTH CAROLINA BUILDING INSPECTOR'S ASSOCIATION

09/11/04	NC Plumbing Code: Interceptors & Separators	8:15 am	All-P	2	W. Whaley	Goldsboro	William Whaley 336-751-2791
09/11/04	NC Plumbing Code: Fixtures, Faucets & Fittings	10:30 am	All-P	2			
09/11/04	NC Plumbing Code: Indirect & Special Waste	1:00 pm	All-P	2			
09/11/04	Gas Piping & Gas Installation	8:15 am	All, H, P, FP	2	J. Thompson	Goldsboro	William Whaley 336-751-2791
09/11/04	Indoor Air Quality	10:30 am	All	2			
09/11/04	Residential Duct Calculations	1:00 pm	All-H	2			
10/09/04	NC Plumbing Code: Interceptors & Separators	8:15 am	All-P	2	W. Whaley	Monroe	William Whaley 336-751-2791
10/09/04	NC Plumbing Code: Fixtures, Faucets & Fittings	10:30 am	All-P	2			
10/09/04	NC Plumbing Code: Indirect & Special Waste	1:00 pm	All-P	2			
10/09/04	Gas Piping & Gas Installation	8:15 am	All, H, P, FP	2	J. Thompson	Monroe	William Whaley 336-751-2791
10/09/04	Indoor Air Quality	10:30 am	All	2			
10/09/04	Residential Duct Calculations	1:00 pm	All-H	2			
11/06/04	NC Plumbing Code: Interceptors & Separators	8:15 am	All-P	2	W. Whaley	Southern Pines	William Whaley 336-751-2791
11/06/04	NC Plumbing Code: Fixtures, Faucets & Fittings	10:30 am	All-P	2			
11/06/04	NC Plumbing Code: Indirect & Special Waste	1:00 pm	All-P	2			
11/06/04	Gas Piping & Gas Installation	8:15 am	All, H, P, FP	2	J. Thompson	Southern Pines	William Whaley 336-751-2791
11/06/04	Indoor Air Quality	10:30 am	All	2			
11/06/04	Residential Duct Calculations	1:00 pm	All-H	2			

NORTH CAROLINA STATE UNIVERSITY

10/30/04	Board of Examiners Statutes & Administrative Rules	8:00 am	All	2	B. Tomlinson	Raleigh	Janice Sitzes 919-515-8189
10/30/04	NC Mechanical Code: Changes and Amendments	10:15 am	All-H	2	K. Tomlinson		
10/30/04	Mold, Air Contaminants & IAQ	1:00 pm	All-H	2	J. Turnage		

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

NORTH CAROLINA STATE UNIVERSITY							
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
11/20/04	Board of Examiners Statutes & Administrative Rules	8:00 am	All	2	B. Tomlinson	Raleigh	Janice Sitzes 919-515-8189
11/20/04	NC Mechanical Code: Changes and Amendments	10:15 am	All-H	2	K. Tomlinson		
11/20/04	Mold, Air Contaminants & IAQ	1:00 pm	All-H	2	J. Turnage		
12/04/04	Board of Examiners Statutes & Administrative Rules	8:00 am	All	2	B. Tomlinson	Raleigh	Janice Sitzes 919-515-8189
12/04/04	NC Mechanical Code: Changes and Amendments	10:15 am	All-H	2	K. Tomlinson		
12/04/04	Mold, Air Contaminants & IAQ	1:00 pm	All-H	2	J. Turnage		
NORTH CAROLINA PROFESSIONAL PLUMBERS ASSOCIATION							
08/07/04	OSHA-Confined Space Entry	7:30 am	All	2	M. Hall	Asheville	Tina Koonts 800-231-6764
08/07/04	Practical Trenching Safety	9:30 am	All	2	F. Baker		
08/07/04	Understanding Vents & Venting	11:30 am	All	2	R. Hardee		
08/28/04	OSHA-Confined Space Entry	7:30 am	All	2	M. Hall	Durham	Tina Koonts 800-231-6764
08/28/04	Practical Trenching Safety	9:30 am	All	2	F. Baker		
08/28/04	Understanding Vents & Venting	11:30 am	All	2	R. Hardee		
09/18/04	OSHA-Confined Space Entry	7:30 am	All	2	M. Hall	Wilmington	Tina Koonts 800-231-6764
09/18/04	Practical Trenching Safety	9:30 am	All	2	F. Baker		
09/18/04	Understanding Vents & Venting	11:30 am	All	2	R. Hardee		
10/23/04	OSHA-Confined Space Entry	7:30 am	All	2	M. Hall	Charlotte	Tina Koonts 800-231-6764
10/23/04	Practical Trenching Safety	9:30 am	All	2	F. Baker		
10/23/04	Understanding Vents & Venting	11:30 am	All	2	R. Hardee		
11/20/04	OSHA-Confined Space Entry	7:30 am	All	2	M. Hall	Lexington	Tina Koonts 800-231-6764
11/20/04	Practical Trenching Safety	9:30 am	All	2	F. Baker		
11/20/04	Understanding Vents & Venting	11:30 am	All	2	R. Hardee		
12/11/04	OSHA-Confined Space Entry	7:30 am	All	2	M. Hall	Asheboro	Tina Koonts 800-231-6764
12/11/04	Practical Trenching Safety	9:30 am	All	2	F. Baker		
12/11/04	Understanding Vents & Venting	11:30 am	All	2	R. Hardee		
NC PROPANE GAS ASSOCIATION							
08/13/04	Gas Check I	8:00 am	All	2	M. Boggs	Fayetteville	Michael Boggs 919-787-8485
08/13/04	LP-Gas Bulk Plants: Inspection & Maintenance	10:00 am	All	2			
08/13/04	Elevated Pressure Gas Piping	1:00 pm	All	2			
08/20/04	Gas Check I	8:00 am	All	2	M. Boggs	Greenville	Michael Boggs 919-787-8485
08/20/04	LP-Gas Bulk Plants: Inspection & Maintenance	10:00 am	All	2			
08/20/04	Elevated Pressure Gas Piping	1:00 pm	All	2			
08/24/04	Oil Furnace School – Part I	8:00 am	All	2	T. Wolf	Greensboro	Tim Laughlin 919-782-4411
08/24/04	Oil Furnace School – Part II	10:30 am	All	2			
08/24/04	Oil Furnace School – Part III	1:00 pm	All	2			
08/26/04	Gas Check I	8:00 am	All	2	M. Boggs	Raleigh	Michael Boggs 919-787-8485
08/26/04	LP-Gas Bulk Plants: Inspection & Maintenance	10:00 am	All	2			
08/26/04	Elevated Pressure Gas Piping	1:00 pm	All	2			

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

SOUTH PIEDMONT COMMUNITY COLLEGE								
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT	
12/04/04	Designing Plumbing Systems Part I	8:00 am	All-P	2	G. Harvell	Wadesboro	Sandy Huntley 704-694-6505	
12/04/04	Designing Plumbing Systems Part II	10:00 am	All-P	2				
12/04/04	Designing Plumbing Systems Part III	1:00 pm	All-P	2				
12/11/04	NC Mechanical Code: Rez Load Calculation	8:00 am	All-H	2	G. Harvell	Wadesboro	Sandy Huntley 704-694-6505	
12/11/04	NC Mechanical Code: Rez Duct System Design-I	10:00 am	All-H	2				
12/11/04	NC Mechanical Code: Rez Duct System Design-II	1:00 pm	All-H	2				
SOUTHEASTERN COMMUNITY COLLEGE								
09/25/04	NC Plumbing Code Changes – Part I	8:00 am	All-P	2	T. Stover	Whiteville	Mark Council 910-642-7141	
09/25/04	NC Plumbing Code Changes – Part II	10:15 am	All-P	2				
09/25/04	NC Plumbing Code Changes – Part III	1:00 pm	All-P	2			Ext 419	
09/25/04	NC Mechanical Code Review – Part I	8:00 am	All-H	2	B. Long	Whiteville	Mark Council 910-642-7141	
09/25/04	HVAC Systems Diagnostics	10:15 am	All	2			Ext 419	
09/25/04	HVAC Systems Equipment Selection-Duct Design & Etc.	1:00 pm	All	2				
10/30/04	NC Plumbing Code Changes – Part I	8:00 am	All-P	2	T. Stover	Whiteville	Mark Council 910-642-7141	
10/30/04	NC Plumbing Code Changes – Part II	10:15 am	All-P	2				
10/30/04	NC Plumbing Code Changes – Part III	1:00 pm	All-P	2			Ext 419	
10/30/04	NC Mechanical Code Review – Part I	8:00 am	All-H	2	B. Long	Whiteville	Mark Council 910-642-7141	
10/30/04	HVAC Systems Diagnostics	10:15 am	All	2				
10/30/04	HVAC Systems Equipment Selection-Duct Design & Etc.	1:00 pm	All	2			Ext 419	
11/20/04	NC Plumbing Code Changes – Part I	8:00 am	All-P	2	T. Stover	Whiteville	Mark Council 910-642-7141	
11/20/04	NC Plumbing Code Changes – Part II	10:15 am	All-P	2				
11/20/04	NC Plumbing Code Changes – Part III	1:00 pm	All-P	2			Ext 419	
11/20/04	NC Mechanical Code Review – Part I	8:00 am	All-H	2	B. Long	Whiteville	Mark Council 910-642-7141	
11/20/04	HVAC Systems Diagnostics	10:15 am	All	2				
11/20/04	HVAC Systems Equipment Selection-Duct Design & Etc.	1:00 pm	All	2			Ext 419	
12/11/04	NC Plumbing Code Changes – Part I	8:00 am	All-P	2	T. Stover	Whiteville	Mark Council 910-642-7141	
12/11/04	NC Plumbing Code Changes – Part II	10:15 am	All-P	2				
12/11/04	NC Plumbing Code Changes – Part III	1:00 pm	All-P	2			Ext 419	
12/11/04	NC Mechanical Code Review – Part I	8:00 am	All-H	2	B. Long	Whiteville	Mark Council 910-642-7141	
12/11/04	HVAC Systems Diagnostics	10:15 am	All	2				
12/11/04	HVAC Systems Equipment Selection-Duct Design & Etc.	1:00 pm	All	2			Ext 419	

REMEMBER, YOU CANNOT RENEW YOUR LICENSE WITHOUT THE REQUIRED CONTINUING EDUCATION HOURS

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

NC PROPANE GAS ASSOCIATION								
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT	
08/27/04	Gas Check 1	8:00 am	All	2	M. Boggs	Raleigh	Michael Boggs	
08/27/04	LP-Gas Bulk Plants: Inspection & Maintenance	10:00 am	All	2			919-787-8485	
08/27/04	Elevated Pressure Gas Piping	1:00 pm	All	2				
09/03/04	Gas Check 1	8:00 am	All	2	M. Boggs	Greensboro	Michael Boggs	
09/03/04	LP-Gas Bulk Plants: Inspection & Maintenance	10:00 am	All	2			919-787-8485	
09/03/04	Elevated Pressure Gas Piping	1:00 pm	All	2				
09/13/04	Comfort Principles & Oil Heat Systems	8:30 am	All-H	2	T. Laughlin	Raleigh	Tim Laughlin	
09/13/04	Fuel Pumps Principles, Capacities, & Testing	10:45 am	All-H	2			919-782-4411	
09/13/04	Combustion Testing Practice	2:00 pm	All-H	2				
09/24/04	Gas Check 1	8:00 am	All	2	M. Boggs	Statesville	Michael Boggs	
09/24/04	LP-Gas Bulk Plants: Inspection & Maintenance	10:00 am	All	2			919-787-8485	
09/24/04	Elevated Pressure Gas Piping	1:00 pm	All	2				
PITT COMMUNITY COLLEGE								
10/16/04	Mold Inspection & Remediation- Part I	9:00 am	All-H	2	E. Foster	Winterville	Lynn Creech	
10/16/04	Mold Inspection & Remediation - Part II	11:00 am	All-H	2			252-321-4216	
10/16/04	Mold Inspection & Remediation - Part III	2:00 pm	All-H	2				
11/13/04	Mold Inspection & Remediation - Part I	9:00 am	All-H	2	E. Foster	Winterville	Lynn Creech	
11/13/04	Mold Inspection & Remediation - Part II	11:00 am	All-H	2			252-321-4216	
11/13/04	Mold Inspection & Remediation - Part III	2:00 pm	All-H	2				
ROCKINGHAM COMMUNITY COLLEGE								
08/07/04	General Regulations - Chapter 3	8:00 am	All-P	2	R. Hicks	Wentworth	Anne Lanning	
08/07/04	Gas Pipe Sizing - Tables 402.3 (1)-(34)	10:00 am	All-P-FP	2			336-342-4261	
08/07/04	2lb. Gas Systems - Natural & LP	1:00 pm	All-P-FP	2				
09/18/04	Indoor Air Quality - Sick Building Syndrome	8:00 am	All-H	2	K. Sigmon	Wentworth	Anne Lanning	
09/18/04	Controlling Indoor Contaminants	10:00 am	All-H	2			336-342-4261	
09/18/04	Controlling Humidity	1:00 pm	All-H	2				
10/09/04	General Regulations - Chapter 3	8:00 am	All-P	2	R. Hicks	Wentworth	Anne Lanning	
10/09/04	Gas Pipe Sizing - Tables 402.3 (1)-(34)	10:00 am	All-P-FP	2			336-342-4261	
10/09/04	2lb. Gas Systems - Natural & LP	1:00 pm	All-P-FP	2				
11/13/04	Indoor Air Quality - Sick Building Syndrome	8:00 am	All-H	2	K. Sigmon	Wentworth	Anne Lanning	
11/13/04	Controlling Indoor Contaminants	10:00 am	All-H	2			336-342-4261	
11/13/04	Controlling Humidity	1:00 pm	All-H	2				
12/04/04	General Regulations - Chapter 3	8:00 am	All-P	2	R. Hicks	Wentworth	Anne Lanning	
12/04/04	Gas Pipe Sizing - Tables 402.3 (1)-(34)	10:00 am	All-P-FP	2			336-342-4261	
12/04/04	2lb. Gas Systems - Natural & LP	1:00 pm	All-P-FP	2				
ROWAN-CABARRUS COMMUNITY COLLEGE								
10/19/04	NC Plumbing Code Updates	6:30 pm	All-P	2	J. Lentz	Concord	Kaye Parks	
							704-637-0760 xt. 241	

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

SOUTHWESTERN COMMUNITY COLLEGE									
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT		
09/18/04	Understanding Products & Reference Standards	8:00 am	All	2	D. Cox	Sylva	Scott Sutton		
09/18/04	Residential Backflow, Back Siphonage, & Cross Connections	10:00 am	All	2			828-488-6413		
09/18/04	NC Plumbing Code - Chapters 6 & 7	1:00 pm	All-P	2					
11/20/04	Understanding Products & Reference Standards	8:00 am	All	2	D. Cox	Sylva	Scott Sutton		
11/20/04	Residential Backflow, Back Siphonage, & Cross Connections	10:00 am	All	2			828-488-6413		
11/20/04	NC Plumbing Code - Chapters 6 & 7	1:00 pm	All-P	2					
SURRY COMMUNITY COLLEGE									
08/28/04	NC Plumbing Code-Chapters 1-5	8:00 am	All-P, FP	2	L. Johnson	Dobson	Bennie Harris		
08/28/04	NC Plumbing Code - Chapters 6-11	10:00 am	All-P, FP	2			336-386-3265		
08/28/04	Customer Relations	12:00 pm	All	2					
09/25/04	Changes in the 2002 NC Mechanical Code - Part I	8:00 am	All-H	2	C. King	Dobson	Bennie Harris		
09/25/04	Changes in the 2002 NC Mechanical Code - Part II	10:00 am	All-H	2			336-386-3265		
09/25/04	Current Topics in Business Law	12:00 pm	All	2					
10/30/04	NC Plumbing Code-Chapters 1-5	8:00 am	All-P, FP	2	L. Johnson	Dobson	Bennie Harris		
10/30/04	NC Plumbing Code - Chapters 6-11	10:00 am	All-P, FP	2			336-386-3265		
10/30/04	Customer Relations	12:00 pm	All	2					
11/06/04	Changes in the 2002 NC Mechanical Code - Part I	8:00 am	All-H	2	C. King	Dobson	Bennie Harris		
11/06/04	Changes in the 2002 NC Mechanical Code - Part II	10:00 am	All-H	2			336-386-3265		
11/06/04	Current Topics in Business Law	12:00 pm	All	2					
12/04/04	NC Plumbing Code-Chapters 1-5	8:00 am	All-P, FP	2	L. Johnson	Dobson	Bennie Harris		
12/04/04	NC Plumbing Code - Chapters 6-11	10:00 am	All-P, FP	2			336-386-3265		
12/04/04	Customer Relations	12:00 pm	All	2					
THE TRAINING TEAM OF NORTH CAROLINA									
07/16/04	Airflow Characteristics & Diagnostics - Part A	8:00 am	All-H	2	Al Grant	Wilmington	David Garceau		
07/16/04	Airflow Characteristics & Diagnostics - Part B	10:00 am	All-H	2			704-788-8862		
07/16/04	Airflow Characteristics & Diagnostics - Part C	1:00 pm	All-H	2					
07/30/04	Airflow Characteristics & Diagnostics - Part A	8:00 am	All-H	2	Al Grant	New Bern	David Garceau		
07/30/04	Airflow Characteristics & Diagnostics - Part B	10:00 am	All-H	2			704-788-8862		
07/30/04	Airflow Characteristics & Diagnostics - Part C	1:00 pm	All-H	2					
08/27/04	Residential Heat Pump Systems - Part A	8:00 am	All-H	2	Al Grant	Asheville	David Garceau		
08/27/04	Residential Heat Pump Systems - Part B	10:00 am	All-H	2			704-788-8862		
08/27/04	Residential Heat Pump Systems - Part C	1:00 pm	All-H	2					
08/31/04	Airflow Characteristics & Diagnostics - Part A	8:00 am	All-H	2	D. Garceau	Charlotte	David Garceau		
08/31/04	Airflow Characteristics & Diagnostics - Part B	10:00 am	All-H	2			704-788-8862		
08/31/04	Airflow Characteristics & Diagnostics - Part C	1:00 pm	All-H	2					
09/10/04	80% Residential Gas Furnaces - Part A	8:00 am	All-H	2	Al Grant	Conover	David Garceau		
09/10/04	80% Residential Gas Furnaces - Part B	10:00 am	All-H	2			704-788-8862		
09/10/04	80% Residential Gas Furnaces - Part C	1:00 pm	All-H	2					

2004 SUMMER/FALL CONTINUING EDUCATION SCHEDULE

UMPIRE TECHNOLOGIES GROUP							
DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
10/22/04	Gas Piping Installation	8:00 am	All	2	John Turnage	Asheboro	John Turnage 919-624-3456
10/22/04	Appliance Installation and Venting	10:00 am	All	2			
10/22/04	Financial Fundamentals For Contractors	1:00 pm	All	2			
11/11/04	Gas Piping Installation	8:00 am	All	2	John Turnage	Edenton	John Turnage 919-624-3456
11/11/04	Appliance Installation and Venting	10:00 am	All	2			
11/11/04	Financial Fundamentals For Contractors	1:00 pm	All	2			
11/12/04	Understanding IAQ-Facts and Fundamentals	8:00 am	All-H	2	John Turnage	Edenton	John Turnage 919-624-3456
11/12/04	HVAC Systems, Ventilation and IAQ	10:00 am	All-H	2			
11/12/04	Legal Considerations & Remediation of IAQ Problems	1:00 pm	All-H	2			
11/18/04	Gas Piping Installation	8:00 am	All	2	John Turnage	Fletcher	John Turnage 919-624-3456
11/18/04	Appliance Installation and Venting	10:00 am	All	2			
11/18/04	Financial Fundamentals For Contractors	1:00 pm	All	2			
11/19/04	Considerations When Choosing HVAC Software	8:00 am	All-H	2	John Turnage	Fletcher	John Turnage 919-624-3456
11/19/04	Comparison Of 'Right J' & "Quickloads Pro" Software	10:00 am	All-H	2			
11/19/04	Computerized Design Of Air Distribution	1:00 pm	All-H	2			
12/02/04	Accounting: Profit Is Not A Dirty Word	8:00 am	All	2	John Turnage	Mebane	John Turnage 919-624-3456
12/02/04	Financial Statement Reporting	10:00 am	All	2			
12/02/04	Relationship Between Income Statement, Balance Sheet, & etc	1:00 pm	All	2			
12/03/04	Considerations When Choosing HVAC Software	8:00 am	All-H	2	John Turnage	Mebane	John Turnage 919-624-3456
12/03/04	Comparison Of 'Right J' & "Quickloads Pro" Software	10:00 am	All-H	2			
12/03/04	Computerized Design Of Air Distribution	1:00 pm	All-H	2			
12/09/04	Gas Piping Installation	8:00 am	All	2	John Turnage	Greensboro	John Turnage 919-624-3456
12/09/04	Appliance Installation and Venting	10:00 am	All	2			
12/09/04	Financial Fundamentals For Contractors	1:00 pm	All	2			
12/10/04	Understanding IAQ-Facts and Fundamentals	8:00 am	All-H	2	John Turnage	Greensboro	John Turnage 919-624-3456
12/10/04	HVAC Systems, Ventilation and IAQ	10:00 am	All-H	2			
12/10/04	Legal Considerations & Remediation of IAQ Problems	1:00 pm	All-H	2			
12/16/04	Gas Piping Installation	8:00 am	All	2	John Turnage	Garner	John Turnage 919-624-3456
12/16/04	Appliance Installation and Venting	10:00 am	All	2			
12/16/04	Financial Fundamentals For Contractors	1:00 pm	All	2			
12/17/04	Considerations When Choosing HVAC Software	8:00 am	All-H	2	John Turnage	Garner	John Turnage 919-624-3456
12/17/04	Comparison Of 'Right J' & "Quickloads Pro" Software	10:00 am	All-H	2			
12/17/04	Computerized Design Of Air Distribution	1:00 pm	All-H	2			
12/18/04	Accounting: Profit Is Not A Dirty Word	8:00 am	All	2	John Turnage	Garner	John Turnage 919-624-3456
12/18/04	Financial Statement Reporting	10:00 am	All	2			
12/18/04	Relationship Between Income Statement, Balance Sheet, & etc	1:00 pm	All	2			
WAKE TECHNICAL COMMUNITY COLLEGE							
07/24/04	NC Plumbing Code Review Part I	8:00 am	All-P	2	R. Doby	Raleigh	Duncan Shaw 919-662-3438
07/24/04	NC Plumbing Code Review Part II	10:30 am	All-P	2			
07/24/04	NC Plumbing Code Review Part III	2:00 pm	All-P	2			
08/21/04	NC Plumbing Code Review Part I	8:00 am	All-P	2	R. Doby	Raleigh	Duncan Shaw 919-662-3438
08/21/04	NC Plumbing Code Review Part II	10:30 am	All-P	2			
08/21/04	NC Plumbing Code Review Part III	2:00 pm	All-P	2			
09/17/04	Introduction to Psychrometrics	8:00 am	All-H	2	J. Orum	Raleigh	Duncan Shaw 919-662-3438
09/17/04	Flows & Pressures in Residential & Comm. Bldg.	10:30 am	All-H	2			

2004 SUMMER/FALL CONTINUI G EDUCATION SCHEDULE

WAKE TECHNICAL COMMUNITY COLLEGE

DATE	COURSE TITLE	TIME	LIC. TYPE	CE HRS.	INSTRUCTOR	LOCATION	CONTACT
09/17/04	Indoor Air Quality - Mold	1:00 pm	All-H	2			
09/18/04	NC Plumbing Code Review Part I	8:00 am	All-P	2	R. Doby	Raleigh	Duncan Shaw 919-662-3438
09/18/04	NC Plumbing Code Review Part II	10:30 am	All-P	2			
09/18/04	NC Plumbing Code Review Part III	2:00 pm	All-P	2			
10/30/04	NC Plumbing Code Review Part I	8:00 am	All-P	2	R. Doby	Raleigh	Duncan Shaw 919-662-3438
10/30/04	NC Plumbing Code Review Part II	10:30 am	All-P	2			
10/30/04	NC Plumbing Code Review Part III	2:00 pm	All-P	2			
11/05/04	Introduction to Psychrometrics	8:00 am	All-H	2	J. Orum	Raleigh	Duncan Shaw 919-662-3438
11/05/04	Flows & Pressures in Residential & Comm. Bldgs.	10:30 am	All-H	2			
11/05/04	Indoor Air Quality - Mold	1:00 pm	All-H	2			
11/20/04	NC Plumbing Code Review Part I	8:00 am	All-P	2	R. Doby	Raleigh	Duncan Shaw 919-662-3438
11/20/04	NC Plumbing Code Review Part II	10:30 am	All-P	2			
11/20/04	NC Plumbing Code Review Part III	2:00 pm	All-P	2			
12/11/04	NC Plumbing Code Review Part I	8:00 am	All-P	2	R. Doby	Raleigh	Duncan Shaw 919-662-3438
12/11/04	NC Plumbing Code Review Part II	10:30 am	All-P	2			
12/11/04	NC Plumbing Code Review Part III	2:00 pm	All-P	2			

WESTERN PIEDMONT COMMUNITY COLLEGE

07/19/04	NC Mechanical Code Changes Part I	5:00 pm	All-H	2	G. Cornell	Morganton	Alvin Corpening 828-438-6155
07/19/04	NC Mechanical Code Changes Part II	7:00 pm	All-H	2			
07/20/04	NC Mechanical Code Changes Part III	5:00 pm	All-H	2			
08/16/04	HVAC Design I - Equip. Sizing & Selection	5:00 pm	All-H	2	G. Cornell	Morganton	Alvin Corpening 828-438-6155
08/16/04	HVAC Design II - Duct Sizing & Installation	7:00 pm	All-H	2			
08/17/04	HVAC Design III - Indoor Air Quality	5:00 pm	All-H	2	T. Abernathy		
09/13/04	NC Mechanical Code - Refrigeration	5:00 pm	All-H	2	G. Cornell	Morganton	Alvin Corpening 828-438-6155
09/13/04	NC Mechanical Code - Elec. Mechanical Controls	7:00 pm	All-H	2			
09/14/04	NC Mechanical Code HVAC Design- Part III	5:00 pm	All-H	2			
10/18/04	NC Plumbing Code Changes Part I	5:00 pm	All-P	2	T. Abernathy	Morganton	Alvin Corpening 828-438-6155
10/18/04	NC Plumbing Code Changes Part II	7:00 pm	All-P	2			
10/19/04	NC Accessibility Code Volume 1-C	5:00 pm	All-P, H, FP	2			

WILKES COMMUNITY COLLEGE

08/14/04	Minimum Facilities/ NC Plumbing Code	9:00 am	All-P	2	T. Pace	Wilkesboro	Phyllis Boyd 336-838-6166
08/14/04	Storm Drainage/NC Plumbing Code	11:00 am	All-P	2			
08/14/04	Combustion Air/ NC Mechanical & Fuel Gas Code	2:00 pm	All-H, FP	2			
11/12/04	General Reg./NC Mechanical & Fuel Gas Code	9:00 am	All-H, FP	2	T. Pace	Wilkesboro	Phyllis Boyd 336-838-6166
11/12/04	Specific Appliances/ NC Mechanical & Fuel Gas Code	11:00 am	All-H, FP	2			
11/12/04	Combustion Air/ NC Mechanical & Fuel Gas Code	2:00 pm	All-H, FP	2			
12/04/04	General Reg./NC Mechanical & Fuel Gas Code	9:00 am	All-H, FP	2	T. Pace	Wilkesboro	Phyllis Boyd 336-838-6166
12/04/04	Advanced Gas Piping/ NC Fuel Gas Code	11:00 am	All-H, FP	2			
12/04/04	Combustion Air/NC Mechanical & Fuel Gas Code	2:00 pm	All-H, FP	2			

REMEMBER, YOU CAN NOT RENEW YOUR LICENSE WITHOUT THE REQUIRED CONTINUING EDUCATION HOURS

CHANGE OF ADDRESS

The Board's rule, 21 NCAC 50.0408 (c) reads as follows:

(C) The licensee shall notify the Board of any change in location or mailing address from that shown on the last license renewal invoice within 30 days after the change takes place.

The above rule requires you to notify the Board of a change in employment within 30 days after the change takes place. The Board is able to keep its records up to date if you notify the office of an employment change. If your license is issued in your employer's company name or if you are a sublicensee, when you leave if you do not notify the Board that you have left, that company may still use your license and you may be responsible for any work that was done even though you were no longer employed with them. So remember, it is your responsibility and it is very important to contact the Board when you change employment – your license may depend on it.

Yellow Pages A MUST

In accordance with 21 NCAC 50.0406 paragraph (c) *The license number and qualification of the firm will be displayed on firm contracts, proposals, permit applications, and telephone yellow page advertising.*

It is imperative that firms list their license number in all telephone yellow page type advertising books.

ATTENTION

All Licensees must complete
SIX hours of continuing education
in order to renew license

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