

COMMISSIONER KNOWLES SELECTS STATE CODES ADVISORY COMMITTEE

Commissioner Camila Knowles has selected the State Codes Advisory Committee (SCAC) for the next term. The State Codes Advisory Committee plays a major role in the development and review of the State Construction Codes. The committee is made up of 21 members who are experts in the various codes and who are chosen to represent the diverse interests of citizens, builders, codes enforcement officials, designers, and other groups. The Commissioner of the Department of Community Affairs, the Georgia Safety Fire Commissioner and the Commissioner of the Department of Human Resources, or their designees, are ex officio members of the Advisory Committee. The remaining members are appointed by the Commissioner. The SCAC advises the DCA Board on the adoption of any new Code Editions and/or Amendments. The current term for a member is a four-year appointment, from January 1, 2016, through December 31, 2019. Commissioner Knowles met with representatives of Atlanta Gas Light (AGL) Resources, Inc., the Building Officials Association of Georgia (BOAG), and the Home Builders Association of Georgia (HBAG).



Commissioner Knowles Meets with AGL Resources Representatives



Commissioner Knowles Meets with BOAG Representatives



Commissioner Knowles Meets with HBAG Representatives

The following individuals have been selected to serve on the SCAC for the next term:

Mr. Windell Peters, Chairman, representing the Georgia Department of Community Affairs

Mr. William Duck, Jr., Vice Chairman, representing Code Enforcement Officials

Mr. Gregori Anderson, Secretary, representing Code Enforcement Officials

Mr. Tim Williams, representing the Home Builders

Mr. Bob Qurnell, representing the Industrialized Building Industry

Mr. William Guinade, representing Licensed Plumbing Contractors

Mr. Joel Rodriguez, representing Code Enforcement Officials

Mr. William Chambless, representing General Contractors

Mr. John Hutton, representing Structural Engineers

Mr. Tracy Hester, representing Code Enforcement Officials

Mr. Stan Everett, representing the Profession of Mechanical Engineers

Mr. Ryan Taylor, representing the Profession of Architecture

Mr. Robert Maddox, representing Electrical Engineers

Mr. Brent Olson, representing the Manufactured Homes Industry

Mr. Jim Scerenscko, representing License Electrical Contractors

Mr. Chuck Renfro, representing Building Material Dealers

Ms. Elaine Powers, representing Conditioned Air Contractors

Mr. Dwayne Garriss, designee, the Georgia Safety Fire Commissioner

Mr. Jerry Wainwright, representing Local Fire Officials

Mr. David Adams, representing Local Fire Officials

Mr. Eric Hotton, Jr., designee, Georgia Department of Community Health Commissioner

The officers for the SCAC for 2016-2017 are Windell Peters, Chairman; Bill Duck, Vice Chairman; and Gregori Anderson, Secretary. They will serve two years in this capacity. Commissioner Knowles and staff would like to thank all those organizations and individuals who were interested in serving on the SCAC. DCA is always seeking individuals to serve in various capacities and individuals may be selected for future public service. If you need additional information, please contact Ted Miltiades, Director, at 404-679-3106 or at ted.miltiades@dca.ga.gov.

A STATEMENT ON CODES FROM THE DCA

The Georgia Department of Community Affairs states that there will be no new amendments to the Georgia Minimum Standard Construction Codes in 2016. However, the Department of Community Affairs would like to note that the span table changes that had a delayed implementation date will now be in effect as of January 1, 2016. The Department of Community Affairs has also decided that the state of Georgia plans to adopt the 2018 ICC codes in lieu of the 2015 editions. At this time, the Department of Community Affairs has not determined what the next steps will be in regards to adoption of a new Energy Code edition.

MARK YOUR 2016 CALENDAR

JANUARY

- 7 State Codes Advisory Committee Meeting 10:00 a.m. @ DCA
- 19-21 NAHB Builders Show, Las, Vegas, NV

FEBRUARY

- 29-Mar 2 RESENT, Scottsdale, AZ

MARCH

- 17-20 World of Modular, San Diego, CA
- 21-24 National Energy Code Conference, Tucson, AZ

APRIL

- 14 State Codes Advisory Committee 10:00 a.m. @ DCA
- 17-27 International Code Council Hearings, Louisville, KY
- 24-28 BOAG Annual Conference, St. Simons, GA

MAY

- 9-11 DOE Better Buildings Summit, Washington, DC

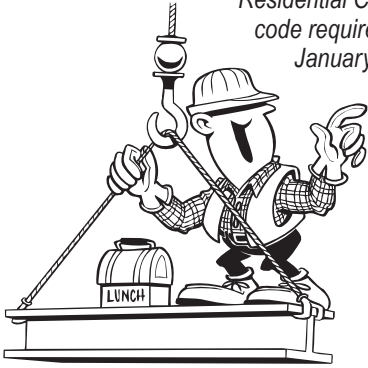
JUNE

- 13-16 NFPA World Safety Conference and Exposition, Las Vegas, NV

If you have any meetings that you would like to include in this newsletter, please contact the Construction Codes Program at 404-679-3118.

CODY SAYS

Drip edges are now required at the eaves and gables of asphalt shingle roofs in accordance with Section R905.2.8.5 of the current 2012 International Residential Code (IRC). This new mandatory state code requirement became effective statewide on January 1, 2014. It applies to new residential roof coverings and to the recovering or replacement of existing residential roof coverings. Note: Drip edges were not required previously by code unless it was part of the roofing manufacturer's installation instructions. See other article "Requirements for Residential Roof Coverings in Georgia" for more information.



SCAC CHAIRMAN RECEIVES AWARD

During their monthly luncheon, the Plumbing & Mechanical Association of Georgia bestowed an award upon William Guinade for his many years of service on the State Codes Advisory Committee (SCAC).



KENNESAW IS FIRST CITY IN GEORGIA TO EARN IAS BUILDING DEPARTMENT ACCREDITATION



The city of Kennesaw, Georgia, Building Services Department is the first in the state to achieve accreditation of its building department from the International Accreditation Service (IAS). To earn the accreditation, the department demonstrated industry-best practices in its permitting, plan review and inspection services.

“We pursued accreditation with IAS to get an independent verification that the department is operating at acceptable standards and not imposing excessive processes and procedures on the property owners and contractors working in Kennesaw,” said Mark Rice, Building Official for Kennesaw. “We also wanted to improve our services to meet the needs of the community.”



- Q.** Are the *Prescriptive Deck Details* for residential deck construction mandatory?
- A.** No, the *Prescriptive Deck Details* are optional. The builder or code user may choose to use either the *Prescriptive Deck Details* or they may follow the 2012 IRC code requirements for deck construction. Local jurisdictions cannot mandate the *Prescriptive Deck Details* which must be used in lieu of using the 2012 IRC for deck construction. The builder or code user always has the option to follow the 2012 IRC code as written.

Joel Rodriguez, Gwinnett County Department of Planning & Development

Ted Miltiades, Director, Office of Construction Codes & Research DCA

Mr. William Guinade, Bill John Plumbing

Chip Green, PHCC NA President

Eric Esposito, DCA Building Codes Consultant

GEORGIA STATE
MINIMUM STANDARD CODES

January 1, 2016

On October 1, 1991, the Uniform Codes Act became effective in Georgia. On July 1, 2004, this Act was revised to make the following eight construction codes mandatory as the Georgia State Minimum Standard Codes. Listed below are the code editions in effect as of January 1, 2016:

International Building Code	2012 Edition
International Residential Code	2012 Edition
International Plumbing Code	2012 Edition
International Mechanical Code	2012 Edition
International Fuel Gas Code	2012 Edition
International Energy Conservation Code	2009 Edition
International Fire Code	2012 Edition
National Electrical Code	2014 Edition

The Act requires local governments that elect to enforce these codes within their jurisdictions to adopt administrative procedures and penalties in order to locally enforce any of these mandatory codes. Also, any applicable appendices of these codes must be adopted locally in order to be enforceable within a specific local jurisdiction.

The Act also made the following optional codes available for local government adoption and enforcement. Local governments choosing to enforce any of the below optional codes must adopt the code(s) they wish to enforce, as well as administrative procedures and penalties.

International Property Maintenance Code	2012 Edition
International Existing Building Code	2012 Edition
International Swimming Pool and Spa Code	2012 Edition
National Green Building Standard	2008 Edition

The Georgia Amendments are available at the below web link:

<http://www.dca.state.ga.us/development/constructioncodes/programs/codeAmendments.asp>

The DCA Board specifically omitted the plumbing, electrical, and energy requirements of the International Residential Code for One- and Two-Family Dwellings. Therefore, the plumbing requirements of the International Plumbing Code, the electrical requirements of the National Electrical Code, and the energy requirements of the International Energy Conservation Code must be used for one- and two-family dwelling construction.

If you need assistance in establishing or updating construction codes enforcement program in your area, please contact DCA's Construction Codes Program at (404) 679-3118 or codes@dca.ga.gov.

CONTACT DCA'S CODES AND INDUSTRIALIZED BUILDINGS

60 Executive Park South, NE | Atlanta, Georgia 30329-2231 | www.dca.ga.gov | 404-679-3118 | 404-679-0646 (Fax)
Email: constructioncodes@dca.ga.gov

Ted Miltiades, Director, Office of Construction Codes and Industrialized Buildings, 404-679-3106
Email: ted.miltiades@dca.ga.gov

Eric Esposito, Consultant, 404-679-3104
Email: eric.esposito@dca.ga.gov

Tyler Martin, Industrialized Buildings Intern, 404-679-1739
Email: tyler.martin@dca.ga.gov

Bill Towson, Consultant, 404-679-3109
Email: bill.towson@dca.ga.gov

Traci Turgeon, Administrative Assistant, 404-679-3118
Email: traci.turgeon@dca.ga.gov

REQUIREMENTS FOR RESIDENTIAL ROOF COVERINGS IN GEORGIA

The current State Minimum Standard Residential Code is the International Residential Code (IRC) for One- and Two-Family Dwellings, 2012 Edition with current GA State Amendments. By GA law, the State Minimum Standard Codes are mandatory and applicable statewide regardless if the local government has a code enforcement program or not. The contractor, home builder, sub-contractor, tradesmen, building owner or any individuals performing the construction work are responsible for complying with the current State Minimum Standard Codes and GA State Amendments.

New Roof Coverings

The minimum code requirements for new roof coverings are specified in the IRC Section R905. The installation of asphalt shingles must comply with the requirements of this section and Section R905.2 which provisions address sheathing, underlayment, attachment, ice barriers and flashings, e.g. base and cap flashings, valleys, sidewall and other flashings. In addition, Section R905.2.8.5 now requires a drip edge to be provided at the eaves and gables of shingle roofs. This is a new code requirement which became effective statewide on January 1, 2014. A drip edge was not required previously by Code unless it was part of the roofing manufacturer's installation instructions.

Existing Roof Coverings

Materials and methods of application used for recovering or replacing an existing roof covering shall comply with the requirements of Chapter 9 and Section R907. If new roof covering materials are installed as a replacement for an existing roof covering, or if the new roof covering is applied directly over an existing roof, the new roofing materials and the application process must conform to the provisions for a new roof covering installation.

However, there may be occasions where only a small portion of the existing roof covering is in need of replacement or a limited amount of the roof needs repair. In those situations, the alteration or repair of any nonstructural elements is permitted using the same materials or methods already in place on the existing roof, provided the replacement or limited amount of repair does not cause the existing structure to become adversely affected or unsafe. The extent to which the alteration or repair must conform to the Code for a new structure is subject to the discretion of the local building official or authority having jurisdiction (AHJ).

Insurance related questions and disputes involving insurance transactions between insurers, agents, and policyholders and complaints about the practices of insurance companies and their agents, including insurance fraud, should be directed to the Office of Georgia Commissioner of Insurance:

Office of the Commissioner of Insurance
Consumer Services Division
Seventh Floor, West Tower
2 Martin Luther King, Jr. Drive
Atlanta, Georgia 30334
404-656-2070 or toll-free 800-656-2298

Under GA law, the administration and enforcement of the State Minimum Standard Codes is the responsibility of local governments. Consequently, contact the local building official or proper authority having jurisdiction (AHJ) for any code questions or interpretations and for information regarding building permits and inspections and for any other local ordinance requirements. If you need further assistance, contact the Construction Codes Program Office at (404) 679-3118 or by email at codes@dca.ga.gov.

PROFILE CORNER

BOB QURNELL, SCAC MEMBER REPRESENTING MANUFACTURED HOUSING



Bob Qurnell

which has annual sales of approximately a quarter billion dollars.

Bob has 30 years of experience in the Manufactured Housing Industry. For many years he was a valued member of the Destiny Industries, Inc. team as Sales Manager. After the company was sold in 1995, he continued on and rose to the rank of Vice President of Distribution with operational oversight of the Eastern United States. In this role his responsibility included Product Design, Marketing, and Sales of a division with annual sales of \$175,000,000. Bob resides in Moultrie with his wife Gail and serves on the Georgia Manufactured Housing Association (GMHA) Board of Directors.

Bob is Vice President of Sales/Marketing for Destiny Industries, LLC. Destiny builds both manufactured modular and manufactured HUD homes. Their plant in Moultrie, founded in 1978, has approximately 200,000 sq. ft. of conditioned manufacturing space across three facilities totaling 94 acres. Currently employing approximately 167 local employees, Destiny is a wholesale producer of premium quality, conventional homes built with systems technology marketed through a regional modular network of dealers, builders or developers

ERIC ESPOSITO, BUILDING CODES CONSULTANT

Eric Esposito joined the DCA's Office of Building Construction Codes and Industrialized Buildings as a Building Code Consultant in September 2015.

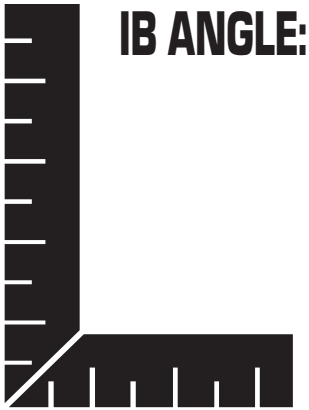
Eric completed his undergraduate education at Kent State University where he obtained degrees in Psychology and Architecture. He then attended the Georgia Institute of Technology where he obtained his Master of

Architecture in 2013. Eric has worked at various architecture firms in the Atlanta area where he gained experience in multiple areas of design that have made him a valuable asset to the DCA.

Eric was raised in Youngstown, Ohio and went to school in Warren, Ohio. He is an avid triathlete and travels extensively to participate in races. His favorite events to race are the half-Ironman and Ironman distances. In his free time, he also enjoys coaching swimming.



Eric Esposito



IB ANGLE:

INDUSTRIALIZED BUILDINGS (IB) MANUFACTURED FOR EXPORT FROM GEORGIA

Any Industrialized Building (IB) modules or units manufactured in Georgia and shipped out of state or abroad must bear a DCA 'Export' insignia or label. 'Manufactured for Export from Georgia' is defined by the IB Program rules as "Any industrialized building which has not been inspected for compliance with the standards, codes and laws

required by the current IB Rules and cannot be installed in the state of Georgia." The export insignia rule only applies to those IB Manufacturers which have manufacturing facilities or plants located in Georgia. Currently, there are 21 manufacturing facilities in Georgia which produce, sell and export modular buildings to customers in other states and overseas.

Rule 110-2-1-.04 'Insignia required' states "No industrialized building shall be sold, offered for sale or installed in the State of Georgia unless it bears an insignia of approval issued by the Commissioner. Industrialized buildings manufactured or re-manufactured in accordance with these rules shall bear the Commissioner's insignia of approval and those buildings not constructed in accordance with these rules shall bear the Commissioner's notice of "manufactured for export from Georgia."

The insignia fee for a new manufactured for export from Georgia industrialized building is twenty-five dollars (\$25) per insignia. Export insignias may be ordered in bulk (10 or more) for convenience.



CONSTRUCTION SITE OFFICE BUILDINGS

Construction site office buildings are defined by the IB Program Rules as "An industrialized building designed and used for a construction site office structure having a maximum gross floor area of 400 square feet." Typically, construction site office trailers are small, single-wide modules or units which are mounted on a permanent, truck-type, wheel chassis intended for temporary setup and reuse at construction job sites. Any industrialized building that



exceeds 400 square feet cannot be classified as a construction site office building and thus anything larger than that must comply with the IB program rules for commercial use buildings.

Construction site offices are often permitted by local governments for conditional or



temporary use only. A construction site office building that is reused for any use other than a construction site office must comply with the codes and rules approved for the intended use and must have an insignia for a re-manufactured industrialized building in accordance with Rule 110-2-10-.01.

The insignia fee for a new construction site office building is fifty dollars (\$50) per insignia. The insignia fee for systems rehabilitated per Rule 110-2-10-.02 is fifteen dollars (\$15) for each system rehabilitated. For more information, please visit the IB Program web page or contact the IB Program Office at (404) 679-3118 or by email at dca-ib@dca.ga.gov.

PRESCRIPTIVE DECK DETAILS ARE OPTIONAL AND NOT MANDATORY

2014 GA Amendments to 2012 IRC

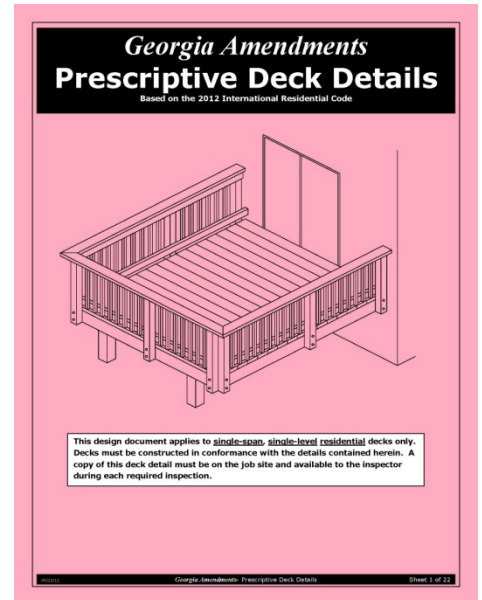
The *Prescriptive Deck Details* became effective on January 1, 2014 along with the new 2012 Edition of the *International Residential Code (IRC)*. Section R507.1 'Decks' in the current 2014 GA Amendments to the 2012 IRC, was revised to read as follows: "Decks shall be constructed in accordance with this code or the *Prescriptive Deck Details* design document, which is available to download free from DCA's webpage located at: <http://www.dca.ga.gov/development/constructioncodes/programs/codeAmendments.asp>."

The intent of this code change was to include the *Prescriptive Deck Details* as an optional or permissive, stand-alone, helpful document the builder or code user could choose to use in lieu of using the current IRC provisions for decks. However, the builder or code user cannot pick and choose which provisions from either document they wish to use, but rather they can choose to use the *Prescriptive Deck Details* as a stand-alone document or they can use

the 2012 IRC provisions as written in the code for deck construction. Also, it was not intended for local jurisdictions to mandate the *Prescriptive Deck Details* be used in lieu of the IRC deck provisions. Instead, the builder or code user should always have the option to follow the IRC code as written.

The provisions of the *Prescriptive Deck Details* are based on the 2012 *International Residential Code (IRC)*. This document specifically applies to single span, single level residential wood decks only. Multiple level decks will likely have stairs that create additional concentrated loads that are not considered in the joist and beam span tables. Non-residential decks or balconies typically require design by a licensed professional.

Concentrated loads, such as those created by hot tubs and planters, are beyond the scope and intent of this document. Structural members and their connections have been sized based primarily on a uniformly distributed floor live load of 40 psf and a dead load of 10 psf (table footnotes specify where other point loads have been considered). Some of the provisions contained in the *Prescriptive Deck Details* may not be included in the IRC or may be more restrictive and are considered good practice recommendations.



The *Prescriptive Deck Details* document was written in a straight forward manner and has been illustrated with isometric drawings that make it easy to comprehend the intent of the code. If one chooses to use the 2012 IRC code book as a reference to build a deck, it will be necessary to go through different sections of the code book to collect the information to do so. The document has a deck planning section so the builder or code user can methodically and easily go through the process of designing a safe structure that will meet the many criteria of the current IRC residential building code which regulates deck construction.

The addition of the *Prescriptive Deck Details* as an optional document in the 2014 GA amendments to the 2012 IRC has been well received by local homebuilders, private home inspectors and local code officials. Its adoption and use will help ensure that builders and do-it-yourself homeowners are

constructing robust decks that should remain strong throughout their intended service life.

Important note: The span tables in the 2014 *GA Prescriptive Deck Details* have been updated by GA state code amendments to reflect the new design values for Southern Pine which became effective on January 1, 2015. However, the span table changes have a delayed implementation date of January 1, 2016. The delay allows for a transitional period for designers, contractors and material suppliers.

For questions about the *Prescriptive Deck Details* or the GA State Amendments, please contact the Construction Codes Office at 404-679-3118 or constructioncodes@dca.ga.gov.

WEBSITES OF INTEREST

International Association of Building Officials (IABO)
www.iaboinc.com

International Codes Council (ICC)
www.iccsafe.org

ICC Region Chapter
iccreg8.com

ICC Codes and Standards Discussion Forum
www.iccsafe.org/iccforums/pages/default.aspx

Building Officials Association of Georgia (BOAG)
www.boagcodes.org

Governor's Office of Consumer Protection
<http://georgia.gov/agencies/governors-office-consumer-protection>

Georgia Plumbers Trade Association (GPTA)
www.gpta.net

Georgia Association of Home Inspectors (GAHI)
www.gahi.com

Georgia Fire Safety Commissioner (State Fire Marshal)
www.oci.ga.gov/FireMarshal/Home.aspx

Georgia Department of Community Affairs (DCA)
www.dca.ga.gov

Call before you DIG
www.georgia811.com

Georgia State Inspectors Association
<http://georgiastateinspectors.com/>

GA State Historic Buildings Preservation Office (DHR)
<http://georgiashpo.org/laws>

GA State ADA Accessibility Office (GSFIC)
<http://ada.georgia.gov/>

GA Association of Zoning Administrators (GAZA)
www.georgiazoning.org

GA Association of Floodplain Management (GAFM)
www.gafloods.org/

National Floodplain Insurance Program (NFIP)
<http://www.floodsmart.gov/floodsmart/>

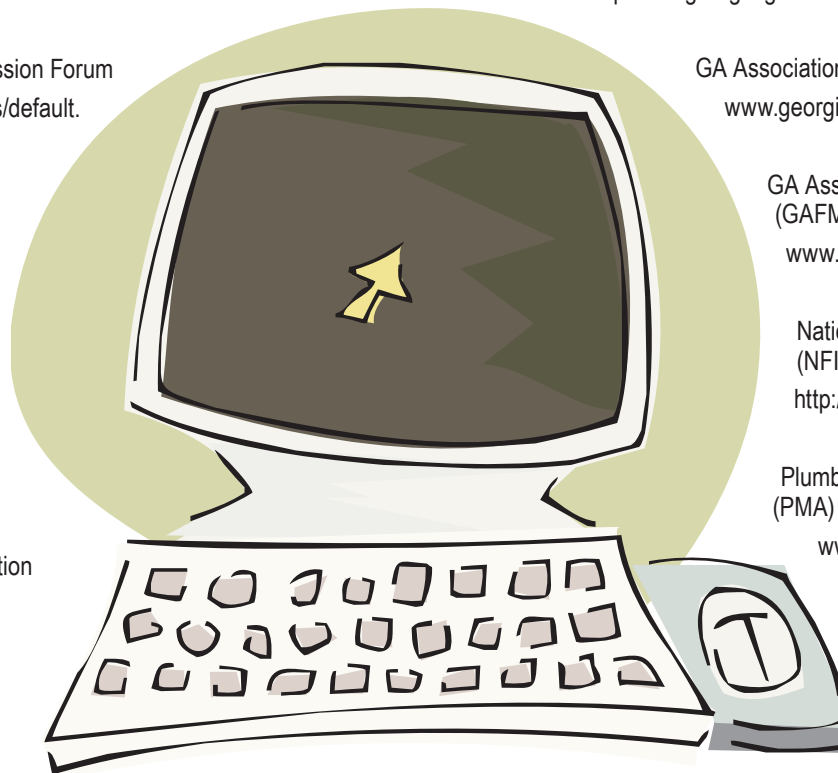
Plumbing & Mechanical Association of GA (PMA)
www.plumbingpros.com

Storm Shelters: Selecting Design Criteria (FEMA)
<http://www.fema.gov/library/viewRecord.do?id=2973>

Safe Rooms (FEMA)
<http://www.fema.gov/safe-room-resources>

Carbon Monoxide Indoor Air Quality (EPA)
<http://www.epa.gov/iaq/co.html#CPSC2>

Carbon Monoxide Detectors
<http://www.aboutcarbonmonoxide.com>



CONSTRUCTION CODE TRAINERS FOR GA STATE MINIMUM STANDARD CODES

Building Code & Residential Code

ICC (Codes Training Dept): 888-ICC-SAFE (888-422-7233), ext. 5524, certexam@iccsafe.org or www.iccsafe.org/Edu-Cert/Pages/default.aspx

John England, England Enterprise Training: (843) 747-3575, https://ibcode.com or www.icctraining.net

Gwinnett Tech (Building Inspector Certification Courses): 678-226-6743, http://www.gwinnettech.edu/programs/commercial-construction-management/

B & F Technical Code Services: Building and Fire and Energy Codes, (847) 490-1443, www.bftechcs.com/

Stephen Skalko: 478-477-5028, svskalko@cox.net

Ogeechee Technical College Continuing Education Dept.: 912-486-7409, http://www.ogeecheetech.edu/ce

Georgia Association of Home Inspectors (GAHI): Residential Code, Daniel Jewet, 404-790-9600, www.gahi.com/

Energy Code

Southface: EarthKraft Homes, DET, Energy Codes: 404-872-3549, www.southface.org/learning-center/trainings/

Ron Anderson (Georgia Plumbers' Trade Association for Continuing Education, Inc.): 770-573-4815, randerson@gpta.net or admnasst@gpta.net

B & F Technical Code Services: Building and Fire and Energy Codes, (847) 490-1443, www.bftechcs.com/

Mechanical Code

ICC (Codes Training Dept): 888-ICC-SAFE (888-422-7233), ext. 5524: certexam@iccsafe.org, or www.iccsafe.org/Edu-Cert/Pages/default.aspx

Steve Bramlett, Mechanical Concepts: Plumbing Code, 770-307-4510, http://www.bramlettmechanical.com/services.html

Phil Gruber, Gruber Enterprise: 706-299-6222, pgruber@windstream.net, www.gruberenterprise.com

John England, England Enterprise Training: (843) 747-3575, https://ibcode.com or www.icctraining.net

Plumbing Code

Steve Bramlett, Mechanical Concepts: Plumbing Code, 770-307-4510, http://www.bramlettmechanical.com/services.html

Ron Anderson (Georgia Plumbers' Trade Association for Continuing Education, Inc.): 770-573-4815, randerson@gpta.net or admnasst@gpta.net

John England, England Enterprise Training: (843) 747-3575, https://ibcode.com or www.icctraining.net

ICC (Codes Training Dept): 888-ICC-SAFE, (888-422-7233), ext. 5524, certexam@iccsafe.org or www.iccsafe.org/Edu-Cert/Pages/default.aspx

Georgia Plumbing Inst., Inc.: John Carter, CEO, Plumbing Review, 404-767-3025, http://www.gpi.cc/

Charles Ingram: Plumbing Review, 770-482-6059

Plumbing and Mechanical Association of Georgia: Plumbing Review, 678-947-3473, www.plumbingpros.com

Paul Maushardt: Plumbing: 404-424-1314

Bobby McLemore, Tift Area Plumbing & Electrical: Electrical & Plumbing Review, Electrical & Plumbing Review, 229-423-9854

Electrical Code

Dalton State College Continuing Educ. Center: Electrical Review, 706-272-4454

Dean Drake: Electrical Code Study Course, 478-982-4735

James (Jim) Lord Jr. Atlanta Electrical & Joint Apprenticeship Training Committee: Electrical, 404-523-5400

Ralph Duncan, Code Connection: Cond. Air, Elec Review, 770-304-4687, Ralph@codeconnection.com

Neil H. Dawson, Independent Electrical Contractors, Inc: Electrical Review, 770-242-9277

The GA Trane Companies: Cond. Air, Elec. Review, 404-836-2781

Leroy Holmes: Electrical Code Review, 912-754-4387

Phillip Taylor, Taylor Control Systems: Electrical Review, 229-423-2690

IBEW, Electrical contractors: Electrical, 503-262-9991, http://www.nietc.org/

Conditioned Air

Hugh Cole – Cole Training: Conditioned Air Review, 770-513-1487

Denny Varnadoe, D & M HVAC Consultants: Conditioned Air Review, 912-267-0086, varnadoed@bellsouth.net

Steve Hood, HVAC Concepts, Inc: Conditioned Air Review, 404-978-0149

Gary Konrath: Conditioned Air Review: 770-235-3420, <https://georgialicenseexam.com/>,

GaryKonrath@georgialicenseexam.com

Ralph Duncan, Code Connection: Cond. Air, Elec Review, 770-774-7129, Ralph@codeconnection.com

Fire Code

ICC (Codes Training Dept): 888-ICC-SAFE (888-422-7233), ext. 5524, certexam@iccsafe.org or www.iccsafe.org/Edu-Cert/Pages/default.aspx

John England, England Enterprise Training: (843) 747-3575, <https://ibcode.com> or www.icctraining.net

B & F Technical Code Services: Building and Fire and Energy Codes (847) 490-1443, www.bftechcs.com/

Fuel Gas Code

ICC (Codes Training Dept): 888-ICC-SAFE (888-422-7233), ext. 5524, certexam@iccsafe.org or www.iccsafe.org/Edu-Cert/Pages/default.aspx

John England, England Enterprise Training: (843) 747-3575, <https://ibcode.com> or www.icctraining.net