



Building Contractor License Exam Preparation CAR 7131

Syllabus

- ✚ **Instructor:** W. Scott Query
- ✚ **Email:** scott@gclicensing.com
- ✚ **Telephone:** (704) 534-0808
- ✚ **Student Conferences:** The Instructor will be available to meet with students after class, in your assigned classroom, on dates when classes are scheduled. Students having difficulty with class content are encouraged to utilize this time.
- ✚ **Prerequisites:** None
- ✚ **Textbook & Materials:**
 - The Construction Institute 2021 Building Study Guide (Textbook)
 - 2018 NC State Building Code: Building Code
 - 26 CFR NC OSHA Standards, January 2021 is most current edition
 - NASCLA Contractors Guide to Business, Law & Project Management, 8th edition
 - ACI 318-14
 - ACI 530-11
 - Sports Fields Design, Construction & Maintenance, 3rd edition
 - Students will also need a calculator.
 - Pen or Pencil
 - Highlighters
 - Post-It Notes
 - Tabs for the reference books
- ✚ **Attendance:** While there is no minimum required attendance you are encouraged to not miss any classes if you plan on passing the NC State Exam.
- ✚ **Make-Up Policy:** Make-up of the information presented in class is the responsibility of each individual student. You Instructor will present the information in class and **will not give individual instruction.**
- ✚ **Final Exam/Quizzes:** A final exam consisting of ninety multiple choice questions may be administered at the discretion of the instructor. There will usually be a quiz per week. They will be administered and reviewed in class.

COURSE OUTLINE

The Building Contractor's License Exam Preparation course is a study of the twenty (20) reference sources used as the basis for the Building Classification of the North Carolina General Contractor's License Examination. The course also includes a review of the licensing and application process. Licensing as a General Contractor requires a significant application process wherein applicants must prove a certain amount of working capital.

A detailed review of the North Carolina Building Code is conducted to ensure that students have the ability to locate and interpret all sections of the Code that have been known to form the basis for examination questions. The North Carolina Administration and Enforcement Codes and the North Carolina State Accessibility Codes are also reviewed.

Standard industry practices and materials, including business formation, accounting and finance, employer obligations and North Carolina Occupational Safety and Health Administration (OSHA) requirements are reviewed in detail.

The following publications have been used for development of course materials and quiz and exam questions. **(Those that you will be required to purchase for this class are italicized, underlined & in bold print)** These six publications are permitted to be taken into the exam as reference materials and are essential to passing the exam. You will also need to purchase **The Construction Institute 2021 Building Study Guide**. (This is your textbook)

- ***Occupational Safety and Health Standards for the Construction Industry, January 2021 (NC Edition)***
- ***Contractor's Guide to Business, Law and Project Management, 8th edition***
- ***North Carolina State Building Code: 2018 Edition***
- ***ACI 318-14 Building Code Requirements for Structural Concrete and Commentary***
- ***ACI 530-11 Building Code Requirements for Masonry Structures***
- ***Sports Fields Design, Construction and Maintenance, 3rd edition***
- North Carolina State Building Code: Administrative Code and Policies: 2018
- ANSI Standard for Accessible and Usable Buildings and Facilities, 2017
- Technical Digest No. 9 - Handling and Erection of Steel Joists and Joist Girders
- Carpentry and Building Construction, 2010
- Design and Control of Concrete Mixtures, 2011
- Pipe and Excavation Contracting, 2011
- Roofing Construction & Estimating, 1995
- Instructional Manual for Training and Certification of Field Personnel for Unbonded Post-Tensioning, 2003
- Modern Masonry - Brick, Block, Stone
- North Carolina One-Call Center Excavation Manual

COURSE OUTLINE Continued:

- North Carolina Administrative Code, Title 15A, Chapter 4 Sedimentation Control
- North Carolina General Statutes Chapter 113A, Article 4, Sedimentation Pollution Control Act of 1973
- Laws and Regulations applicable to General Contracting in the State of North Carolina.
- SDI Manual of Construction with Steel Deck, 2006

SOURCES FOR CLASS MATERIALS:

- Textbook: <https://www.gclicensing.com/bookstore>
- Reference books: The Contractor Book Warehouse at <https://www.gclicensing.com/bookstore> , CPCC Bookstore, or Amazon
- Construction calculators: Home Depot, Amazon or Lowes