



# IBC- Commercial Building Inspector

## Course Outline

**Course Description:** This **14-module** course, followed by a two-hour practice examination, is based on the *2015 International Building Code (IBC)*, **including updates from the 2018 IBC**. It teaches the practical application of the IBC. Each module consists of an integrated video presentation, including presentation slides, explanation, examples, and review quizzes. Modules are designed to be 40 – 60 min. in length.

**Course Objectives:** This course is designed to prepare you for the *International Code Council's (ICC)* Commercial Building Inspector exam, utilizing the *2015 IBC*. This course also serves as a review for those already familiar with the IBC, and may serve as an update course for those unfamiliar with the 2015 edition of the code.

**Texts and Readings:** The *2015 International Building Code* is the textbook for this course. It is highly recommended that you purchase a paper-back copy of this code, which is available online at [www.iccsafe.org](http://www.iccsafe.org). A physical copy can be utilized during the actual exams, which are open book, and serves as a valuable reference for in the field inspections.

### **Course Outline of Topics:**

<b>Module:</b>	<b>Topics:</b>	<b>Readings:</b>	<b>Quiz:</b>	<b>Duration:</b>
1	Administration	IBC Chapters 1 & 2	Y	69 min.
2	Use and Occupancy	IBC Chapter 3	Y	59 min.
3	Construction Types & Special Uses	IBC Chapters 4 & 6	Y	48 min.
4	Heights and Areas	IBC Chapter 5	Y	57 min.
5	Fire and Smoke Protection-Part 1	IBC Chapter 7	Y	61 min.
6	Fire and Smoke Protection-Part 2	IBC Chapter 7	Y	41 min.
7	Means of Egress	IBC Chapter 10	Y	50 min.
8	Accessibility	IBC Chapter 11	Y	36 min.
9	Interior Finishes & Fire Protection Systems	IBC Chapters 8 & 9	Y	48 min.
10	Interior Environment, Exterior Walls & Roofs	IBC Chapters 12, 14 & 15	Y	42 min.
11	Structural, Special Inspections & Soils	IBC Chapters 16, 17 & 18	Y	76 min.
12	Construction Materials	IBC Chapters 19 - 23	Y	44 min.
13	Glazing	IBC Chapter 24	Y	32 min.
14	End of Code Summary	IBC Chapter 25 - 35	Y	36 min.
	<i>14 Quizzes</i>			
	<i>107 Questions, 2 min. each</i>	<i>2015 IBC</i>		<i>214 min.</i>
	<i>Practice Exam</i>	<i>2015 IBC</i>		<i>120 min.</i>
	<b>Total Course Hours</b>			<b>17 hours</b>



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**Quizzes and Exams:** Each module associated with this course will be followed by an assessment quiz of varying length. A passing score of 75% is required in order to advance to the next module. At the conclusion of the course is a timed practice exam. The exam is similar in length, content, and duration as the actual ICC exams. A passing score of 75% is required in order to obtain a certificate of completion from WC3 for this course. Topics in both the exam and the quizzes may or may not have been covered in the video modules. A thorough reading of the code may be necessary in order to progress through this course.

**Expectation of Participants:** This course requires that you to watch each training video, complete each quiz, as well as the exam. You are expected to read portions of the applicable code, and become familiar with its layout and organization. We recommend 2 hrs. of personal study, for each module. Marking, tabbing, and highlighting in the code book is highly recommended. We have layout out a plan and method to help you learn the material, but it's up to you to put in the work necessary for you to mater the material. You can progress through this course at your own pace; however, you only have access for 120 days.

**Continuing Education Credits:** This course results in **1.7 CEU's** being provided by ICC, as West Coast Code Consultants is a Preferred Provider.

## **Instructors:**



**Chris Kimball, PE, SE, CBO** is one of WC3's Vice Presidents. He is a licensed structural engineer, ICC Master Code Professional, Certified Building Official, fire code official, combination plans examiner, and combination building inspector. He has performed plan reviews for thousands of projects throughout the western states. In addition, Chris has provided numerous training classes to help design professionals, building officials, and contractors alike to understand the requirements of the adopted building codes. Chris regularly teaches for ICC, and has been involved in assisting ICC with various publications.



**George Williams, MCP, CBO** is the Director of WC3 Academy, but primarily identifies as a commercial plans examiner and building inspector. He has been a building inspector since 2005, has a masters degree in construction management, and has been ICC Master Code Professional since 2009. George has been instrumental in the start-up of multiple building departments including the adoption of codes, implementation of permit processes, development of policies and procedures, as well as the hiring and training of staff.



**Todd Snider, PE, SE** has experience as both a design engineer, as well as a lead commercial plan reviewer, specializing in large complex commercial projects. Todd is the Regional Manager of the Utah region, supervising a large staff of plans examiners. He has performed plan reviews for thousands of projects throughout the western United States. Todd is a licensed structural engineer, has a Master's degree in Structural Engineering, and maintains ICC Certifications as a commercial building, mechanical, energy, and accessibility plans examiner. Todd teaches code classes in several states on a variety of topics.



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