



2021 Commercial Building Inspector and Plans Examiner

Course Outline

Cost: \$247, allowing for 120 days of access.

Course Description: This **15-module** course, followed by a two-hour practice examination, is based on the *2021 International Building Code (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 30 to 80 minutes in length.

Course Objectives: This course is designed to prepare you for the *International Code Council's (ICC)* Commercial Building Inspector (B2) and/or Building Plans Examiner (B3) exam, utilizing the *2021 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 2021 edition of the codes.

Texts and Readings: The *2021 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. 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:

Module:	Topics:	Readings:	Quiz:	Duration:
1	Scope, Administration & Definitions	IBC Ch. 1 & 2	Y	58 min.
2	Occupancy Classification & Use	IBC Ch. 3	Y	41 min.
3	Special Requirements & Types of Construction	IBC Ch. 4 & 6	Y	41 min.
4	Building Heights and Areas	IBC Ch. 5	Y	42 min.
5	Fire and Smoke Protection- Part 1	IBC Ch. 7	Y	80 min.
6	Fire and Smoke Protection- Part 2	IBC Ch. 7	Y	69 min.
7	Means of Egress	IBC Ch. 10	Y	62 min.
8	Accessibility	IBC Ch. 11	Y	63 min.
9	Interior Finishes & Fire Protection/Life Safety Systems	IBC Ch. 8 & 9	Y	58 min.
10	Interior Environment, Exterior Walls & Roof Assemblies	IBC Ch. 12, 14, 15	Y	49 min.
11	Structural Design, Special Inspections & Soils/Foundations	IBC Ch. 16-18	Y	41 min.
12	Concrete, Aluminum, Masonry, Steel & Wood Construction	IBC Ch. 19-23	Y	66 min.
13	Glass & Glazing	IBC Ch. 24	Y	28 min.
14	Gypsum Board, Plastic, Electrical, Mechanical, Plumbing, Elevators, Special Construction, Encroachments, Safeguards & Referenced Standards	IBC Ch. 25-35	Y	44 min.
15	Plan Review Considerations	IBC	N	36 min.
	<i>14 Quizzes</i>			
	<i>142 Questions, 2 min. each</i>	<i>2021 IBC</i>		<i>284 min.</i>
	<i>Practice Exam (60 Questions)</i>	<i>2021 IBC</i>		<i>120 min.</i>
	Total Course Hours			19.5 hours



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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 to the actual ICC exams, with 60 questions selected at random from a larger pool of questions. 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 hours of personal study, for each module. Marking, tabbing, and highlighting in the code book is highly recommended. We have laid 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 master the material. You can progress through this course at your own pace; however, you only have access for 120 days.

Continuing Education Credits: Completion of this course results in **1.95 CEU's** (19.5 hours) 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.



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.

