2021 Residential Plumbing Inspector

Course Outline

Cost: $207, allowing 120 days of access.

Course Description: This **7-module course**, followed by a two-hour practice examination, is based on Chapters 25 through 33 of the *2021 International Residential Code (IRC)*. It teaches the practical application of the IRC. Each module consists of an integrated video presentation, including presentation slides, explanation, examples, and review quizzes. Modules are designed to be 20 to 55 minutes in length.

Course Objectives: This course is designed to prepare you for the *International Code Council's* (ICC) Residential Plumbing Inspector exam (P1), utilizing the *2021 IRC*. This course also serves as a review for those already familiar with the IRC and may serve as an update course for those unfamiliar with the 2021 edition of the code.

Texts and Readings: The *2021 International Residential Code* is the textbook for this course. It is highly recommended that you purchase a paper-back copy of these codes, which are 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	Introduction & Definitions	IRC Chapter 2	Y	53 min.
2	Plumbing Administration & General Plumbing	IRC Chapters 25-28	Y	39 min.
3	Water Supply & Distribution	IRC Chapter 29	Y	30 min.
4	Sanitary Drainage	IRC Chapter 30	Y	25 min.
5	Vents, Traps, & Storm Drainage	IRC Chapters 31-33	Y	26 min.
6	Supplemental Module – Combustion Air			20 min.
7	Supplemental Module – Gas Line Sizing			38 min.
	5 Quizzes *48 Questions, 2 min. each*	*2021 IRC*		*96 min.*
	Practice Exam (60 questions)	*2021 IRC*		*120 min*
	Total Course Hours			**7.5 hours**

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 <u>highly</u> 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 **0.75 CEU's** (7.5 hours) being provided by ICC, as West Coast Code Consultants is a Preferred Provider.

Instructor:

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 master's 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.