2015/2018 Residential Mechanical Inspector

Course Outline

Cost: $147, allowing for 120 days of access.

Course Description: This 7-module course, followed by a two-hour practice examination, is based on Chapters 12 through 24 of the *2015 International Residential Code (IRC)*, **including 2018 IRC Updates**. 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 20-45 min. in length.

Course Objectives: This course is designed to prepare you for the *International Code Council's* (ICC) Residential Mechanical Inspector exam, utilizing the *2015 IRC*. 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 Residential Code* is the textbooks 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	General Requirements & Heating/Cooling Appliances	IRC Chapters 12 through 14	Y	27 min.
2	Exhaust, Combustion Air, Chimneys, & Vents	IRC Chapters 15 through 19	Y	31 min.
3	Boilers, Water Heaters, Hydronic Piping, Storage Tanks, & Solar	IRC Chapters 20 through 23	Y	19 min.
4	General Fuel Gas & Gas Appliances	IRC Chapter 24	Y	46 min.
5	Fuel Gas Piping, Inspections, & Testing	IRC Chapter 24	Y	38 min.
6	Venting Gas Appliances	IRC Chapter 24	Y	38 min.
7	2018 IRC Mechanical Updates	2018 IRC Chapters 12-24	N	13 min.
	6 Quizzes *54 Questions, 2 min. each*	*2015 IRC*		*108 min.*
	Practice Exam	*2015 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 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 <u>highly</u> 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: Completion of this course results in **0.75 CEU's** being provided by ICC, as West Coast Code Consultants is a Preferred Provider.