

FROM THE PUBLISHER
OF THE IECC®

2018

International Energy Conservation Code® Study Companion



2018 International Energy Conservation Code®
Study Companion

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INTRODUCTION

This study companion provides practical learning assignments for independent study of the provisions of the 2018 *International Energy Conservation Code*[®] (IECC[®]). The independent study format affords a method for the student to complete the program in an unregulated time period. Progressing through the workbook, the learner can measure his or her level of knowledge by using the exercises and quizzes provided for each study session.

The workbook is also valuable for instructor-led programs. In jurisdictional training sessions, community college classes, vocational training programs and other structured educational offerings, the study guide and the IECC can be the basis for classroom instruction.

All study sessions begin with a general learning objective, the specific sections or chapters of the code under consideration, and a list of questions summarizing the key points of study. Each session addresses selected topics from the IECC and includes code text, a commentary discussion of the code provisions and illustrations representing the provisions under discussion. Quizzes at the end of each study session provide an opportunity for students to check their knowledge. Before beginning the quizzes, the student should thoroughly review the referenced IECC provisions—particularly the key points.

The quizzes are structured so that after every question the student has an opportunity to record his or her response and the corresponding code reference. The correct answers are located in the back of the workbook in the answer key.

Prior to the 2012 IECC, Chapter 1, Administration; Chapter 2, Definitions; and Chapter 3, Climate Zones; were followed by Chapter 4, Residential Energy Efficiency and Chapter 5, Commercial Energy Efficiency. The format of the 2012 IECC was revised to separate the Commercial Energy Efficiency and Residential Energy Efficiency provisions into two, stand-alone model codes. As such, each of these parts have separate chapters for Scope and Administration, Definitions and General Requirements (Climate Zones) followed by the energy efficiency provisions in Chapter 4 of each part. Beginning with the 2015 IECC, the provisions for Existing Buildings were separated into Chapter 5. All code sections are preceded by either the letter “C” for commercial provisions or the letter “R” for residential provisions.

Although there are two separate chapters for Scope and Administration; Definitions; and General Requirements because of the separation between commercial and residential, in this IECC Study Companion the first three chapters will be combined, and the letter “C” or “R” will only appear if the provision applies to only one of the two parts.

This study companion was originally developed by Eric Makela. The 2012 edition was updated by Peter Kulczyk, Technical Staff member of the International Code Council and Don Sivigny, Energy Specialist/Senior Code Representative for the State of Minnesota. The 2015 edition was updated by Andrew Klein, principal of A S Klein Engineering, PLLC, a professional engineering firm located in Pasco, Washington. The 2018 edition has been updated by Michelle Britt, Director of Energy Programs at the International Code Council.

Questions or comments concerning this workbook are encouraged. Please direct your comments to ICC at studycompanion@iccsafe.org.

About the International Code Council

The International Code Council is a member-focused association. It is dedicated to developing model codes and standards used in the design, build and compliance process to construct safe, sustainable, affordable and resilient structures. Most US communities and many global markets choose the International Codes. ICC Evaluation Service (ICC-ES) is the industry leader in performing technical evaluations for code compliance fostering safe and sustainable design and construction.

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