### TABLE OF CONTENTS

**Study Session 1:**
- 2015 IECC Chapters 1 and 5—Scope, Administration and Existing Buildings .............. 1
- Quiz .................................................................................................................. 12

**Study Session 2:**
- 2015 IECC Chapters 2 and 3—Definitions and Climate Zones ............................. 19
- Quiz .................................................................................................................. 48

**Study Session 3:**
- 2015 IECC Sections C401 and C402 (partial)—Commercial Energy Efficiency—Part I .... 53
- Quiz .................................................................................................................. 66

**Study Session 4:**
- 2015 IECC Sections C402 (partial) and C403 (partial)—Commercial Energy Efficiency—Part II ......................................................... 73
- Quiz .................................................................................................................. 89

**Study Session 5:**
- 2015 IECC Sections C403 (partial) and C404—Commercial Energy Efficiency—Part III ........................................................ 95
- Quiz .................................................................................................................. 111

**Study Session 6:**
- 2015 IECC Section C405 (partial)—Commercial Energy Efficiency—Part IV ........... 117
- Quiz .................................................................................................................. 127

**Study Session 7:**
- 2015 IECC Sections C405 (partial) through C408—Commercial Energy Efficiency—Part V ............................................................ 133
- Quiz .................................................................................................................. 149

**Study Session 8:**
- 2015 IECC Sections R401 and R402 (partial)—Residential Energy Efficiency—Part 1 .... 155
- Quiz .................................................................................................................. 177

**Study Session 9:**
- 2015 IECC Sections R402 (partial) and R403—Residential Energy Efficiency—Part II .... 185
- Quiz .................................................................................................................. 208
Study Session 10:

- 2015 IECC Sections R404 through R406—Residential Energy Efficiency—Part III . . . . . . . . 213
- Quiz ........................................................................................................................................... 222

Answer Keys .................................................................................................................................... 227
This study companion provides practical learning assignments for independent study of the provisions of the 2015 *International Energy Conservation Code®* (IECC®). The independent study format affords a method for the student to complete the study 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 code 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 on the code provisions, and illustrations representing the provisions under discussion. Quizzes are provided at the end of each study session. Before beginning the quizzes, the student should thoroughly review the referenced IECC provisions—particularly the key points.

The workbook is 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. The 2015 IECC has now separated out the provisions for Existing Buildings into a new, separate Chapter 5, and Referenced Standards has remained the last chapter. 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 each for Scope and Administration, Definitions, General Requirements and Existing Buildings because of the separation between commercial and residential, in this IECC Study Companion these 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, former Technical Staff member of the International Code Council, and Don Sivigny, Energy Specialist/Senior Code Representative for the State of Minnesota.
This 2015 edition has been updated by Andrew Klein, principal of A S Klein Engineering, PLLC, a professional engineering firm located in Pasco, Washington.

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 U.S. 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.

Headquarters: 500 New Jersey Avenue, NW, 6th Floor, Washington, DC 20001-2070
Regional Offices: Eastern Regional Office (BIR); Central Regional Office (CH); Western Regional Office (LA)
888-ICC-SAFE (422-7233)
www.iccsafe.org