| Study Session 1: | 2015 IMC Chapter 1—Scope and Administration  | 1 |
| Study Session 2: | 2015 IMC Sections 301 through 304.5—General Regulations I | 23 |
| Study Session 3: | 2015 IMC Sections 304.6 through 312—General Regulations II | 43 |
| Study Session 4: | 2015 IMC Chapter 4—Ventilation | 65 |
| Study Session 5: | 2015 IMC Sections 501 through 506—Exhaust Systems I | 85 |
| Study Session 6: | 2015 IMC Sections 507 through 514—Exhaust Systems II | 109 |
| Study Session 7: | 2015 IMC Chapter 6—Duct Systems | 129 |
| Study Session 8: | 2015 IMC Chapter 8—Chimneys and Vents | 151 |
| Study Session 9: | 2015 IMC Sections 901 through 909—Specific Appliances, Fireplaces and Solid Fuel-Burning Equipment I | 171 |
Study Session 10:
2015 IMC Sections 910 through 928—Specific Appliances, Fireplaces and Solid Fuel-Burning Equipment II ................................................... 191
Quiz ................................................................. 204

Study Session 11:
2015 IMC Chapter 10—Boilers, Water Heaters and Pressure Vessels .................. 211
Quiz ................................................................. 223

Study Session 12:
2015 IMC Chapter 11—Refrigeration ............................................. 229
Quiz ................................................................. 243

Study Session 13:
2015 IMC Chapter 12—Hydronic Piping ........................................ 249
Quiz ................................................................. 263

Study Session 14:
2015 IMC Chapter 13—Fuel Oil Piping .......................................... 269
Quiz ................................................................. 282

Study Session 15:
2015 IMC Chapter 14—Solar Systems ........................................... 289
Quiz ................................................................. 302

Answer Keys ................................................................. 309
This study companion provides practical learning assignments for independent study of the provisions of the 2015 *International Mechanical Code®* (IMC®). 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 IMC can be the basis for classroom instruction.

All study sessions begin with a general learning objective specific to the session, the specific code sections or chapter under consideration and a list of questions summarizing the key points of study. Each session addresses selected topics from the IMC and includes code text, a commentary on the code provisions, illustrations representing the provisions under discussion and multiple choice questions that can be used to evaluate the student’s knowledge. Before beginning the quizzes, the student should thoroughly review the IMC, focusing on the key points identified at the beginning of each study session.

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 found in the back of the workbook in the answer key.

Although this study companion is primarily focused on those subjects of specific interest to mechanical inspectors and contractors, it is a valuable resource to any individuals who would like to learn more about the IMC provisions. The information presented may be of importance to many building officials, plans examiners and combination inspectors.

This publication was originally authored by the late Brent Snyder, longtime educator and building official, and Doug Thornburg, ICC Vice-President, Education and Certification. It has been updated by ICC staff members Jay Woodward and Steve Van Note.

The information presented in this publication is believed to be accurate; however, it is provided for informational purposes only and is intended for use only as a guide. As there is a limited discussion of selected code provisions, the code itself should always be referenced for more complete information. In addition, the commentary set forth may not necessarily represent the views of any enforcing agency, as such agencies have the sole authority to render interpretations of the IMC.

Questions or comments concerning this study companion 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: Birmingham, AL; Chicago, IL; Los Angeles, CA

1-888-422-7233

www.iccsafe.org