

TABLE OF CONTENTS

About This Textbook.....	vii
Additional Products to Help You Learn.....	ix
How to Use the <i>National Electrical Code</i>	1
Article 90—Introduction to the <i>National Electrical Code</i>	7
CHAPTER 1—GENERAL RULES	11
Article 100—Definitions.....	13
Article 110—General Requirements for Electrical Installations	27
CHAPTER 2—WIRING AND PROTECTION	35
Article 200—Use and Identification of Grounded Conductors.....	37
Article 210—Branch Circuits.....	39
Article 215—Feeders.....	51
Article 220—Branch-Circuit, Feeder, and Service Load Calculations	53
Article 225—Outside Branch Circuits and Feeders.....	59
Article 230—Services	65
Article 240—Overcurrent Protection.....	73
Article 242—Overvoltage Protection.....	79
Article 250—Grounding and Bonding.....	81
CHAPTER 3—WIRING METHODS AND MATERIALS	101
Article 300—General Requirements for Wiring Methods and Materials.....	105
Article 310—Conductors for General Wiring	113
Article 312—Cabinets, Cutout Boxes, and Meter Socket Enclosures.....	119
Article 314—Boxes, Conduit Bodies, and Handhole Enclosures.....	123
Article 320—Armored Cable (Type AC).....	131
Article 330—Metal-Clad Cable (Type MC).....	135
Article 334—Nonmetallic-Sheathed Cable (Type NM).....	139
Article 336—Power and Control Tray Cable (Type TC).....	143
Article 338—Service-Entrance Cable (Types SE and USE).....	145
Article 340—Underground Feeder and Branch-Circuit Cable (Type UF).....	147
Article 342—Intermediate Metal Conduit (IMC)	149
Article 344—Rigid Metal Conduit (RMC).....	153
Article 348—Flexible Metal Conduit (FMC)	157
Article 350—Liquidtight Flexible Metal Conduit (LFMC)	159
Article 352—Rigid Polyvinyl Chloride Conduit (PVC).....	161

Article 356—Liquidtight Flexible Nonmetallic Conduit (LFNC)	165	Article 411—Low-Voltage Lighting	213
Article 358—Electrical Metallic Tubing (EMT)	169	Article 422—Appliances	215
Article 362—Electrical Nonmetallic Tubing (ENT)	171	Article 424—Fixed Electric Space-Heating Equipment	219
Article 376—Metal Wireways	175	Article 430—Motor Circuits, Controllers, and Adjustable-Speed Drives	221
Article 380—Multioutlet Assemblies	179	Article 440—Air-Conditioning Equipment	227
Article 386—Surface Metal Raceways	181	Article 445—Generators	229
Article 392—Cable Trays	183	Article 450—Transformers	231
CHAPTER 4—EQUIPMENT FOR GENERAL USE	187	Article 480—Stationary Standby Batteries	233
Article 400—Flexible Cords	189	 Final Exam A—Straight Order	235
Article 402—Fixture Wires	191	Final Exam B—Random Order	245
Article 404—Switches	193	 About the Author	257
Article 406—Receptacles, Attachment Plugs, and Flanged Inlets	197	About the Illustrator	258
Article 408—Switchboards and Panelboards	203	About the Mike Holt Team	259
Article 410—Luminaires	207		