

2014 NEC® Journeyman

Comprehensive Library DVDs

66 hours & 02 minutes



UNDERSTANDING THE NEC VOLUME 1

General Requirements—Article 90 - 110 4 h 17m

Introduction / Dedication (Play All)	
Article 90—Introduction to the NEC	[0:43:47]
Chapter 1—General.....	[3:21:13]

Wiring & Protection—Article 200 - 285 4h 28m

Introduction / Dedication (Play All)	
Chapter 2—Wiring & Protection.....	[4:28:05]

Wiring Methods & Materials—Article 300 - 314 7h 31m

Introduction / Dedication (Play All)

Part 1 of 2

Chapter 3—Wiring Methods & Materials	[4:04:15]
--	-----------

Part 2 of 2

Chapter 3—Wiring Methods & Materials cont'd from Disc 1	[3:27:06]
---	-----------

Grounding vs. Bonding—Article 250 6h 57m

Part 1 of 2[2:33:00]

Introduction / Dedication (Play All)	
Scope of this Program	
Electrical Fundamentals.....	[1:13:20]
Article 90—Introduction to the NEC	[0:03:28]
Chapter 1—General.....	[0:30:39]
Chapter 2—Wiring and Protection.....	[2:33:15]

Part 2 of 2[4:24:00]

Introduction (Play All)	
Scope of this Program	
Chapter 2 - Wiring and Protection [continued from Disc 1]	[2:53:42]
Chapter 3—Wiring Methods and Materials	[0:05:30]
Chapter 4—Equipment for General Use	[0:13:24]
Chapter 5—Special Occupancies	[0:14:11]
Chapter 6—Special Equipment	[0:44:20]
Chapter 8—Communications Systems	[0:05:34]

Equipment for General Use—Article 400 - 450 4h 30m

Introduction / Dedication (Play All)	
Chapter 4—Equipment for General Use	[4:23:04]

UNDERSTANDING THE NEC VOLUME 2

Special Occupancies—Article 500 - 590 3h 47m

Introduction / Dedication (Play All)	
Chapter 5—Special Occupancies.....	[3:44:02]

Bonus Material

Article 547—Agricultural Buildings, and Stray Voltage.....	[1:34:20]
--	-----------

Special Equipment—Article 600 - 702 4h 7m

Introduction / Dedication (Play All)	
Chapter 6—Special Equipment	[3:02:31]
Chapter 7—Special Conditions	[1:01:02]

Limited Energy & Communications Systems Article 725 - 820 3h 25m

Introduction / Dedication (Play All)	
Chapter 7—Special Conditions	[2:11:33]
Chapter 8—Communications Systems	[1:09:37]



THEORY DVDS

Electrical Fundamentals & Basic Electricity 4 h 24m

Introduction / Dedication (Play All)	
Chapter 1—Electrical Fundamentals.....	[3:07:10]
Chapter 2—Basic Electricity	[1:17:24]

Electrical Circuits, Systems & Protection 4h 13m

Chapter 3—Basic Electrical Circuits.....	[2:03:45]
Chapter 4—Electrical Systems and Protection	[2:09:29]

Alternating Current, Motors, Generators, and Transformers 4h 6m

Chapter 5—Alternating Current.....	[2:09:39]
Chapter 6—Motors, Generators, and Transformers	[2:12:34]



2014 NEC® Journeyman Comprehensive Library DVDs



CALCULATIONS DVDs

Raceway & Box Calculations—Unit 5 *2h 57m*

Introduction / Why are NEC Calculations Important? (Play All)
Part A—Raceway Sizing..... [1:34:40]
Part B—Outlet Box Sizing..... [0:38:39]
Part C—Pull Boxes, Junction Boxes, and Conduit Bodies..... [0:37:25]
Bonus Material
How to Prepare for an Electrical Exam..... [0:15:14]

Conductor Sizing & Protection Calc—Unit 6 *3h 18m*

Introduction / Why are NEC Calculations Important? (Play All)
Part A – Conductor Resistance Calculations..... [0:58:21]
Part B – Voltage Drop Considerations..... [1:13:47]
Bonus Material
Sizing Conductor Where the Loads are at Different Distances.. [0:33:32]
How to Prepare for an Electrical Exam..... [0:15:14]

Voltage-Drop Calculations—Unit 7 *2h 18m*

Introduction / Why are NEC Calculations Important? (Play All)
Part A—Conductor Requirements..... [1:04:20]
Part B—Conductor Ampacity..... [2:07:08]
Bonus Material
How to Prepare for an Electrical Exam..... [0:15:14]

Motor & Air-Conditioning Calculations—Unit 8 *3h 43m*

Introduction / Why are NEC Calculations Important? (Play All)
Part A – Motor Calculations..... [3:10:08]
Part B – Air-Conditioning Calculations..... [0:26:43]
Bonus Material
How to Prepare for an Electrical Exam..... [0:15:14]

Dwelling Unit Calculations—Unit 9 *2h 1m*

Introduction / Dedication (Play All)
Part A—Standard Method Load Calculations..... [1:20:20]
Part B—Optional Method Load Calculations..... [0:18:37]
Part C—Neutral Load Calculations..... [0:20:50]
Bonus Material
Generator Sizing..... [0:12:38]
Determining Number of Branch Circuits..... [0:04:32]

