

Title:	Electrical Level 1, 2020 NEC Update							
Edition:	10th							
Pub Date:	Jul-20							
Add. Instructor Require.:	None							
Prerequisite:	Core Curriculum							
Previous Edition Exp. Date:	9th Edition will expire in 2025							
Book Module #	Old Mod ID # (9th Edition)	New Mod ID #	Equivalent Registry Module(s)	Performance Profile	Old Hours	New Hours	Mod Name	Comments
					72.5	72.5	Core Curriculum	
1	26101-17	26101-20	26101-17 26101-14	No	2.5	2.5	Occupational Overview: The Electrical Industry	New title; additional industry careers; new sidebars highlighting modern electrical installations; and new training on professionalism when using email, text, and social media.
2	26102-17	26102-20	26102-17 26102-14	Yes	10	10	Safety For Electricians	New title; added coverage of NFPA 70E; new sections on employee and employer responsibilities for safety; shock and arc blast hazards; new PPE (E-rated hard hats and prescription eye protection), expanded ladder safety.
3	26103-17	26103-20	26103-17 26103-14	No	7.5	7.5	Introduction to Electrical Circuits	
4	26104-17	26104-20	26104-17 26104-14	No	7.5	7.5	Electrical Theory	
5	26105-17	26105-20	26105-17 26105-14	Yes	7.5	7.5	Introduction to the <i>National Electrical Code</i> ®	Coverage on NFPA numbering standard added; IEEE and IEC standards added; additional trainee exercises to reinforce code navigation.
6	26106-17	26106-20	26106-17 26106-14	Yes	10	10	Device Boxes	
7	26107-17	26107-20	26107-17 26107-14	Yes	10	10	Hand Bending	
8	26108-17	26108-20	26108-17 26108-14	Yes	20	20	Wireways, Raceways, and Fittings	New title
9	26109-17	26109-20	26109-17 26109-14	Yes	10	10	Conductors and Cables	
10	26110-17	26110-20	26110-17 26110-14	Yes	7.5	7.5	Basic Electrical Construction Documents	New title; Additional information on job specifications; new electrical symbols, such as USB receptacles.
11	26111-17	26111-20	26111-17 26111-14	Yes	15	15	Residential Wiring	New title; heavy code changes
12	26112-17	26112-20	26112-17 26112-14	Yes	5	5	Electrical Test Equipment	New testing technology, including bluetooth capability, added
					Total Hours	185		

Color Highlight Legend







	= Lock-Down Module		= No Performance Test
	= New Module		= Deleted
	= Equivalent Module		= Stackable Credential

Definitions:

Lock-Down Module: A module adopted 'as is' from another craft or an earlier edition of the same
Equivalent Module: A module whose learning and performance outcomes match those of the newer editions and is therefore considered 'equivalent' in NCCER's Registry.

Title:	Electrical Level 2, 2020 NEC Update							
Edition:	10th							
Pub Date:	Jul-20							
Add. Instructor Require.:	None							
Prerequisite:	No							
Previous Edition Exp. Date:	9th Edition will expire in 2025							
Book Module #	Old Mod ID # (9th Edition)	New Mod ID #	Equivalent Registry Module(s)	Performance Profile	Old Hours	New Hours	Mod Name	Comments
1	26201-17	26201-20	26201-17 26201-14	No	17.5	17.5	Alternating Current	
2	26202-17	26202-20	26202-17 26202-14	Yes	20	20	Motors: Theory and Application	
3	26203-17	26203-20	26203-17 26203-14	Yes	15	15	Electric Lighting	Revised with a focus on current lighting technology, with LED as the main focus.
4	26204-17	26204-20	26204-17 26204-14	Yes	15	15	Conduit Bending	
5	26205-17	26205-20	26205-17 26205-14	Yes	12.5	12.5	Pull and Junction Boxes	
6	26206-17	26206-20	26206-17 26206-14	Yes	10	10	Conductor Installations	
7	26207-17	26207-20	26207-17 26207-14	Yes	7.5	7.5	Cable Tray	
8	26208-17	26208-20	26208-17 26208-14	Yes	7.5	7.5	Conductor Terminations and Splices	
9	26209-17	26209-20	26209-17 26209-14	Yes	15	15	Grounding and Bonding	
10	26210-17	26210-20	26210-17 26210-14	Yes	12.5	12.5	Circuit Breakers and Fuses	
11	26211-17	26211-20	26211-17 26211-14	Yes	12.5	12.5	Control Systems and Fundamental Concepts	
						Total Hours	145	

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Title:	Electrical Level 3, 2020 NEC Update								
Edition:	10th								
Pub Date:	Jul-20								
Add. Instructor Require.:	None								
Prerequisite:	No								
Previous Edition Exp. Date:	9th Edition will expire in 2025								
Book Module #	Old Mod ID # (9th Edition)	New Mod ID #	New Version #	Equivalent Registry Module(s)	Performance Profile	Old Hours	New Hours	Mod Name	Comments
1	26301-17	26301-20	10	26301-17 26301-14	No	17.5	17.5	Load Calculations - Branch and Feeder Circuits	Heavy code changes
2	26302-17	26302-20	10	26302-17 26302-14	No	15	15	Conductor Selection and Calculations	
3	26303-17	26303-20	10	26303-17 26303-14	Yes	12.5	12.5	Practical Applications of Lighting	Revised with a focus on current lighting technology, with LED as the main focus.
4	26304-17	26304-20	10	26304-17 26304-14	Yes	15	15	Hazardous Locations	
5	26305-17	26305-20	10	26305-17 26305-14	No	25	25	Overcurrent Protection	
6	26306-17	26306-20	10	26306-17 26306-14	No	12.5	12.5	Distribution Equipment	
7	26307-17	26307-20	10	26307-17 26307-14	No	12.5	12.5	Transformers	
8	26308-17	26308-20	10	26308-17 26308-14	No	10	10	Commercial Electrical Services	
9	26309-17	26309-20	10	26309-17 26309-14	No	12.5	12.5	Motor Calculations	
10	26310-17	26310-20	10	26310-17 26310-14	No	10	10	Voice, Data, and Video	Revised with updated cable types (CAT 6 and up); Captures NEC reorganization of Chapter 8
11	26311-17	26311-20	10	26311-17 26311-14	Yes	12.5	12.5	Motor Controls	
						Total Hours	155		

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Title:	Electrical Level 4, 2020 NEC Update								
Edition:	10th								
Pub Date:	Jul-20								
Add. Instructor Require.:	None								
Prerequisite:	No								
Previous Edition Exp. Date:	9th Edition will expire in 2025								
Book Module #	Old Mod ID # (9th Edition)	New Mod ID #	Equivalent Registry Module(s)	Performance Profile	Old Hours	New Hours	Mod Name	Comments	
1	26401-17	26401-20	26401-17 26401-14	No	20	20	Load Calculations - Feeders and Services	Heavy code changes	
2	26402-17	26402-20	26402-17 26402-14	No	10	10	Health Care Facilities		
3	26403-17	26403-20	26403-17 26403-14	No	10	10	Standby and Emergency Systems		
4	26404-17	26404-20	26404-17 26404-14	Yes	10	10	Basic Electronic Theory		
5	26405-17	26405-20	26405-17 26405-14	Yes	15	15	Fire Alarm Systems		
6	26406-17	26406-20	26406-17 26406-14	Yes	10	10	Specialty Transformers		
7	26407-17	26407-20	26407-17 26407-14	Yes	20	20	Advanced Controls	Section added on connecting SSRs to switch multiple outputs; new section on motor control maintenance; information added about dynamic breaking for adjustable frequency drives; Sections added on AFD components; uses and benefits of AFDs, and AFD application precautions.	
8	26408-17	26408-20	26408-17 26408-14	Yes	15	15	HVAC Controls	Information on mercury thermostats reduced and a section on disposal of mercury thermostats added; digital and smart thermostats; Communicating thermostats and home automation added; information on thermocouples and standing pilots reduced; building management systems/energy management systems information updated; direct digital control systems and addressable systems added.	
9	26409-17	26409-20	26409-17 26409-14	Yes	10	10	Heat Tracing and Freeze Protection		
10	26410-17	26410-20	26410-17 26410-14	No	10	10	Motor Operation and Maintenance		
11	26411-17	26411-20	26411-17 26411-14	Yes	10	10	Medium-Voltage Terminations/Splices		
12	26412-17	26412-20	26412-17 26412-14	No	20	20	Special Locations	Heavy code changes	
13	46101-17	46101	46101-11 46101-17	Yes	20	22.5	Fundamentals of Crew Leadership		
Total Hours					180	182.5			

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