

8 Hours For 2022 License Renewal - Part 2 (Course Outline) (Timed)

	NEC Code Section	NEC Subject Topic	Time (Minutes)
2020 NEC Changes			
1	314.27(C)	Boxes at Ceiling-Suspended (Paddle) Fan Outlets.	8
2	330.80(C)	Thermal Insulation.	8
3	334.30	Securing and Supporting.	8
4	338.10(B)(4)	Installation Methods for Branch Circuits and Feeders.	8
5	406.9(C)	Bathtub and Shower Space.	8
6	406.12	Tamper-Resistant Receptacles.	8
7	408.4(A)	Circuit Directory or Circuit Identification.	8
8	408.60	Short-Circuit Current Rating.	8
9	408.80	Reconditioning of Equipment.	8
10	408.18(C)	Connections.	8
11	410.10(D)	Bathtub and Shower Areas.	8
12	410.69	Identification of Control Conductor Insulation.	8
13	410.12	Access to Other Boxes.	8
14	410 Part XVI	Special Provisions for Horticultural Lighting Equipment.	8
15	422.50	Ground-Fault Circuit-Interrupter (GFCI) Protection for Personnel.	8
16	590.4(G)	Splices.	8
17	590.8	Overcurrent Protective Devices.	8
18	680.40	Inspections After Installation.	8
19	680.21(C) & (D)	GFCI Protection.	8
20	690.12(B)(2)	Rapid Shutdown. Inside the Array Boundary.	8
21	690.31(D)	Direct-Current Circuits on or in Buildings.	8
22	700.12(I)(2)	Installation of Unit Equipment.	8
23	700.16(B)	System Reliability.	8
24	705.12	Load-Side Source Connections.	8
25	725.144(B)	Use of Class 2-LP or Class 3-LP Cables to Transmit Power and Data.	8
NFPA 70E Electrical Safety			
26	90.20	NFPA 70E Purpose and Scope.	8
27	100.00	Article 100 Definitions. Arc Rating.	8
28	100.00	Article 100 Definitions. Boundary, Arc Flash.	8
29	100	Article 100 Definitions. Boundary, Limited and Restricted Approach.	8
30	100.00	Article 100 Definitions. Incident Energy.	8
31	100.00	Article 100 Definitions. Qualified Person.	8
32	100.00	Article 100 Definitions. Working Distance.	8
33	110.1(I)	Job Safety Planning and Job Briefing.	8
34	110.2(A)(1)	Training Requirements. Qualified Person.	8
35	110.4	Test Instruments and Equipment.	8
36	110.4(E)	Operation Verification.	8
37	120.4(A)(4)	Simple Lockout/Tagout Procedure.	8
38	120.4(A)(5)	Complex Lockout/Tagout Procedure.	8
39	120.4(B)(1-3)	Elements of Control.	8
40	120.4(B)(4-6)	Elements of Control.	8
41	120.4(B)(7)	Temporary Protective Grounding.	8
42	120.4(B)(11)	Lockout/Tagout Application.	8
43	120.5(1-6)	Process for Establishing and Verifying an Electrically Safe Work Condition.	8
44	120.5(7)	Testing for Absence of Voltage.	8
45	130.2(B)	Energized Electrical Work Permit.	8
46	130.4	Shock Protection Boundaries.	8
47	Table 130.4(D)(a)	Shock Protection Approach Boundaries.	8
48	130.5(C)	Estimate of the Likelihood of Occurrence of an Arc Flash Incident for ac and dc Systems. Exercise 1.	8
49	130.7(C)(15)(a)	Arc-Flash Hazard PPE Categories for Alternating Current (ac) Systems. Exercise 1.	8
50	130.7(C)(15)(c)	Protective Clothing and Personal Protective Equipment (PPE).	8

Total Time (In minutes):	400
UT 8 Hours Time Requirement	8 Hours (400 Minutes)