

## 8 Hours For 2024 License Renewal -2023 NEC Changes Part 2 (Course Outline) (Timed)

	NEC Code Section	NEC Subject Topic	Time (Minutes)
<b>2023 NEC Changes</b>			
1	334.10(2)	Uses Permitted.	4
2	334.15(B)	Protection from Physical Damage.	3
3	334.19	Cable Entries.	4
4	334.24	Bending Radius.	3
5	344.28	Reaming and Threading.	4
6	352.44(B)	Expansion Fittings and Earth Movement.	4
7	358.10	Uses Permitted.	4
8	Article 369	Insulated Bus Pipe IBP/ Tubular Covered Conductors (TCC) Systems.	4
9	Article 371	Flexible Bus Systems.	5
10	Article 400 Part IV	Portable Power Feeder Cables Over 2000 Volts, Nominal.	4
11	404.16	Reconditioned Equipment.	3
12	404.30	Switch Enclosures with Doors.	3
13	406.4(D)(8)	Receptacle Replacements and Ground-Fault Protection of Equipment (GFPE).	3
14	406.4(G)	Protection of Floor Receptacles.	3
15	406.6(D)	Receptacle Faceplates with Integral Night Light and/or USB Charger.	3
16	406.9(A) & (B)	Receptacles in Damp or Wet Locations.	3
17	406.9(C)	Bathtub and Shower Space.	3
18	406.12	Tamper-Resistant Receptacles.	3
19	408.20	Reconditioned Equipment.	3
20	408.4(A)	Circuit Directory or Circuit Description.	3
21	408.4(B)	Source of Supply.	3
22	408.90	Replacement Panelboards.	3
23	408.38	Enclosure.	3
24	408.43	Panelboard Orientation.	3
25	410.20	Reconditioned Equipment.	3
26	410.10(D)	Bathtub and Shower Areas.	4
27	411	Disconnecting Means for Fluorescent or LED Luminaires that Utilize Double-Ended Lamps.	5
28	410	GFCI Protection and SPGFCI Protection	4
29	Article 410 Part XVII	Special Provisions for Ultraviolet Germicidal Irradiation Luminaires.	4
30	422.18(B)	Location.	4
31	424	Installation of Cables in Walls.	4
32	430	Reconditioned Motors.	5
33	430.52	Rating or Setting for Individual Motor Circuit.	5
34	440.8	Single Machine and Location.	5
35	440.11	General.	5
36	440.14	Location.	5
37	445.18 & 19	Disconnecting Means and Emergency Shutdown of Prime Mover.	5
38	Articles 490 & 495	Articles 490 & 495.	5
39	500.4	Documentation.	5
40	500.7	Protection Techniques.	5
41	511.7	Fixed Wiring Above Class I Locations.	5
42	Article 512	Cannabis Oil Equipment and Cannabis Oil Systems Using Flammable Materials.	5
43	517.6	Patient Care-Related Electrical Equipment.	8
44	517.10(B)	Areas Not Covered by Part II of Article 517.	8
45	517.13	Equipment Grounding Conductor for Receptacles and Fixed Electrical Equipment in Patient Care Spaces.	8
46	517.14	Panelboard Bonding.	5
47	517.22	Demand Factors.	8
48	518.4(B)	Communications, Signaling Systems, Data Systems, Fire Alarm Systems, and Systems Less Than 120 Volts, Nominal.	5
49	547.26	Physical Protection.	8
50	550.32	Service Equipment.	8
51	555.4	Location of Service Equipment.	3
52	555.14	Equipotential Planes and Bonding of Equipotential Planes.	3
53	555.15	Replacement of Equipment.	3
54	555.35	Ground-Fault Protection of Equipment (GFPE) and Ground-Fault Circuit-Interrupter.	3
55	555.36	Disconnecting Means for Shore Power Connection(s).	5
56	625.4	Electric Vehicle Branch Circuit.	5



57	625.42	Rating.	5
58	625.49	Power for Systems Operating in Island Mode.	5
59	630.8	Ground-Fault Circuit-Interrupter Protection for Personnel.	5
60	680.5	GFCI and SPGFCI Protection.	5
61	680.12	Equipment Rooms, Vaults, and Pits.	5
62	680.14	Corrosive Environments.	3
63	680.21(D)	Pool Pump Motor Replacement.	3
64	680.54(C)	Equipotential Bonding of Splash Pads.	3
65	690.1	Figure 690.1.	3
66	690.2	Deletion of PV Output Circuit.	3
67	690.4(F)	Electronic Power Converters Mounted in Not Readily Accessible Locations.	3
68	690.4(G)	PV Equipment Floating on Bodies of Water.	3
69	690.7	Maximum Voltage.	3
70	690.8(A)	Calculation of Maximum Circuit Current.	3
71	690.8(D)	Multiple PV String Circuits.	3
72	690.12	Rapid Shutdown of PV Systems on Buildings.	3
73	690.12(A)	Controlled Conductors and Rapid Shutdown.	4
74	690.12(B)	Controlled Limits.	4
75	690.12(D)	Buildings with Rapid Shutdown.	4
76	690.15(D)	Equipment Disconnecting Means.	4
77	690.31(B)	Identification and Grouping.	4
78	690.31(C)(2)	Cable Tray.	4
79	690.31(G)	Over 1000 Volts DC.	4
80	690.43(C)	Equipment Grounding Conductor Location.	4
81	695.6(D)	Fire Pump Wiring.	4
82	700.11	Wiring, Class-2-Powered Emergency Lighting Systems.	4
83	700.12(H)	Battery-Equipped Emergency Luminaires.	4
84	700.27	Class 2 Powered Emergency Lighting Systems.	4
85	700.32	Selective Coordination.	3
86	705.1	Identification of Power Sources.	3
87	705.11(A)	Service Connections.	3
88	705.11(B), (C) and (F)	Conductors and Connections.	3
89	705.11(D) and (E)	Service Disconnecting Means, Bonding and Grounding.	3
90	705.12(A)	Feeders.	3
91	705.12(A)	Feeder Taps.	3
92	706.15	Disconnecting Means.	3
93	Article 722	Cables for Power-Limited Circuits, Fault-Managed Power (Class 4) Circuits, and Optical Fiber.	3
94	Article 724	Class 1 Power-Limited Circuits and Class 1 Power-Limited Remote-Control and Signaling Circuits.	3
95	725.1	Scope.	3
96	725.24	Mechanical Execution of Work.	3
97	Article 726	Class 4 Fault-Managed Power Systems.	4
98	760.33	Supply-Side Overvoltage Protection.	3
99	800.24	Mechanical Execution of Work.	4
100	Chapter 9	Chapter 9 Notes and Tables.	5
<b>Total Time (In minutes):</b>			402
<b>UT 8 Hours Time Requirement</b>			<b>8 Hours (400 Minutes)</b>