4 Hours For 2026 License Renewal - Available Fault Current (Course Outline) (Timed)

	NEC Code Section	NEC Subject Topic	Time (Minutes)
1		Available Fault Current.	4
2		Available Fault Current and Characteristics of the Circuit.	4
3		Available Fault Current. Understanding the Calculations.	4
4		Available Fault Current. Example Calculation.	4
5	Article 100	Interrupting Rating.	4
6	Article 100	Short-Circuit Current Rating.	4
7	110.9	Interrupting Rating of Defensive and Passive Devices.	4
8	110.9	Interrupting Rating.	4
9	240.83(C)	Circuit Breaker Marking. Interrupting Rating.	4
10	110.10	Circuit Impedance, Short-Circuit Current Ratings, and Other Characteristics.	4
11		Available Fault Current. Applying It Downstream of the Service.	4
12	110.16(A)	Arc-Flash Hazard Warning. General.	4
13	110.16(B)	Arc-Flash Hazard Warning. Service Equipment.	4
14	110.24(A)	Available Fault Current. Field Marking.	5
15	110.24(B)	Available Fault Current. Modifications.	6
16		Available Fault Current and Remodel or Service Work.	4
17		Available Fault Current and Blueprints.	4
18		Available Fault Current on the Plans. Exercise 1.	4
19		Available Fault Current on the Plans. Exercise 2.	6
20		Available Fault Current on the Plans. Exercise 3.	4
21		Available Fault Current on the Plans. Exercise 4.	4
22		Fully Rated Systems	4
23		Series Rated Systems	6
24	240.86(A)	Series Ratings. Selected Under Engineering Supervision in Existing Installations.	3
25	110.22(B)	Engineered Series Combination Systems.	3
26	240.86(B)	Series Ratings. Tested Combinations.	3
27	110.22(C)	Tested Series Combination Systems.	4
28		Verifying a Tested Series Rated Combination. Circuit Breakers.	4
29		Verifying a Tested Series Rated Combination. Fuses.	4
30	110.3(B)	NEC 110.3(B) and The Intermixing of Circuit breakers.	4
31	240.86(C)	Series Ratings. Motor Contribution Exercise 1.	4
32	240.86(C)	Series Ratings. Motor Contribution Exercise 2.	4
33		Series Ratings and Selective Coordination.	4
34		Circuit Breakers Protecting Circuit Breakers.	4
35		Fuses Protecting Circuit Breakers.	5
36		Fuse Protection of Passive Components.	5
37	110.1	Selecting a Fuse Because of its Current Limiting Characteristics.	5
38	110.1	Short-Circuit Current Ratings Dependent on Specific OCPD's.	5
39	230.82(3)	Equipment Connected to the Supply Side of Service Disconnect.	2
40	285.7	Surge-Protective Devices. Short-Circuit Current Rating.	2
41	Article 100 & 409.22	Industrial Control Panels.	2
42	409.110	Industrial Control Panels. Marking.	8
43	430.8	Marking on Motor Controllers.	3
44	430.99	Motor Control Centers. Available Fault Current.	3
45	440.4	Marking on Hermetic Refrigerant Motor-Compressors and Equipment.	3
46	440.1	HVAC Multimotor and Combination-Load Equipment. Short-Circuit Current Rating.	3
47	480.7	DC Disconnect Methods. Maximum available short-circuit current.	3
48	620.16	Elevators. Short-Circuit Current Rating.	4
49	700.5(E)	Emergency System Transfer Equipment. Documentation.	4
50	701.4	Legally Required Standby Systems. Capacity and Rating.	4
		Total Time (In minutes):	201
		UT 4 Hours Time Requirement	4 Hours (200 Minutes)