

Overcurrent Protection

Course Length: 4 Hours

Timed Topic Outline:

Possible Question Order	Topic	Time
1	240.1 Overcurrent Protection. Scope.	4 mins
2	110.9 Interrupting Rating	4 mins
3	110.10 Circuit Impedance and Other Characteristics	4 mins
4	110.14[C] Temperature Limitations of Terminals.	4 mins
5	Article 100 Definitions. Coordination (Selective).	4 mins
6	240.2 Definitions. Current-limiting Overcurrent Protective Device.	4 mins
7	240.2 Definitions. Tap Conductors.	4 mins
8	240.3 Other Articles. Protecting Equipment.	4 mins
9	240.4 Protection of Conductors	4 mins
10	240.4(B) Devices Rated 800 Amperes or Less.	4 mins
11	240.4(D) Small Conductors .	4 mins
12	240.5 Protection of Flexible Cords, Flexible Cables, and Fixture Wires.	4 mins
13	240.6 Standard Ampere Ratings.	4 mins
14	240.10 Supplementary Overcurrent Protection.	4 mins
15	240.13 Ground-Fault Protection of Equipment.	4 mins
16	240.15 (A)&(B) Ungrounded Conductors.	4 mins
17	240.21(B)(1) Feeder Taps. Taps Not Over 10 ft. Long.	4 mins
18	240.21(B)(2) Feeder Taps. Taps Not Over 25 ft. Long.	4 mins
19	240.21(B)(4)&(5) Feeder Taps. Taps Over 25 ft. Long & Outside Taps.	4 mins
20	240.21(C)(1)(2)&(3) Transformer Secondary Conductors.	4 mins
21	240.21(C)(3)(4)&(6) Transformer Secondary Conductors Outside and Not Over 25 ft. Long.	4 mins
22	240.22 Grounded Conductor.	4 mins
23	240.24 Location of Overcurrent Devices on the Premises.	4 mins
24	240.30 Protection from Physical Damage. 240.33 Mounted in Vertical Position.	4 mins
25	240.50 -- 240.54 Plug Fuses, Fuseholders, and Adapters.	4 mins
26	240.60 & 240.61 Cartridge Fuses and Fuseholders.	4 mins
27	240.80 -- 240.82 Circuit Breakers	4 mins
28	240.85 Applications of Circuit Breakers.	4 mins
29	240.86 Series Rating.	4 mins
30	240.90 Supervised Industrial Locations.	4 mins
31	240.92 Overcurrent Protection in Industrial Locations.	4 mins
32	240.100 & 240.101 Overcurrent Protection over 600 Volts, Nominal.	4 mins
33	408.34 & 36 Overcurrent Protection for Panelboards.	4 mins
34	408.36 Overcurrent Protection for Panelboards.	4 mins
35	422.11 Overcurrent Protection for Appliances.	4 mins
36	424.3(B) and 424.22 Fixed Electric Space-Heating Equipment Overcurrent Protection.	4 mins
37	430.52 Branch-Circuit and Short-Circuit Protection for a Single Motor.	4 mins
38	430.52(C) Ex. 2 When the Motor Will Not Start.	4 mins

39	430.62 Motor Feeder Short-Circuit and Ground-Fault Protection.	4 mins
40	430.72 Overcurrent Protection of Motor Control Circuits.	4 mins
41	440.22 Motor Compressor Branch-Circuit Short-Circuit and Ground-Fault Protection.	4 mins
42	450.3(A) Overcurrent Protection for Transformers Over 600 Volts.	4 mins
43	450.3(B) Overcurrent Protection for Transformers Under 600 Volts.	4 mins
44	695.4 Continuity of Power for Fire Pumps.	4 mins
45	230.90 Overcurrent Protection of Ungrounded Service Conductors.	4 mins
46	230.94 Relative Location of the Service Overcurrent Device and Other Service Equipment.	4 mins
47	210.8 Ground-Fault Circuit-Interrupter Protection for Personnel.	4 mins
48	210.12 Arc-Fault Circuit-Interrupter Protection.	4 mins
49	210.20 Protecting Branch Circuit Continuous Loads.	4 mins
50	210.21 Overcurrent Protection for Outlet Devices.	4 mins
	Total Time:	200 minutes
	Time Requirement:	200 minutes