Instructions: **Fees $ 50.00**

Print these pages.

1. Circle the correct answers and transfer them to the answer sheet.
2. Page down to the last page for the verification forms and mailing instructions.
3. Use the 2017 NEC table of contents for your reference materials.

Course: 2017 NEC Articles Quiz

This course is valid for these credentials:

Credential Description	Cred Code	Credit Hours
Registered/Beginner Electrician	BE	5
Commercial Electrical Inspector	CEI	5
Industrial Journeyman Electrician	IJE	5
Journeyman Electrician	JE	5
Master Electrician	ME	5
Residential Journeyman Electrician	RJE	5
Residential Master Electrician	RME	5
UDC-Electrical Inspector	UEI	5

2017 Articles Quiz

1. Use and Identification of Grounded Conductors defines article:
    a. 200
    b. 210
    c. 215
    d. 100
    e. 110
2. Branch Circuits defines article:
    a. 200
    b. 210
    c. 215
    d. 100
    e. 110
3. Feeders defines article:
    a. 200
    b. 210
    c. 215
    d. 100
    e. 110
4. Requirements for Electrical Installations defines article:
    a. 200
    b. 210
    c. 215
    d. 100
    e. 110
5. Definitions defines article:
    a. 200
    b. 210
    c. 215
    d. 100

e. 110

6. Branch-Circuit, Feeder, and Service Load Calculations defines article:
   a. 220
   b. 225
   c. 230
   d. 240
   e. 250
7. Outside Branch Circuits and Feeders defines article:
   a. 220
   b. 225
   c. 230
   d. 240
   e. 250
8. Services defines article:
   a. 220
   b. 225
   c. 230
   d. 240
   e. 250
9. Grounding and Bonding defines article:
   a. 220
   b. 225
   c. 230
   d. 240
   e. 250
10. Overcurrent Protection defines article:
   a. 220
   b. 225
   c. 230
   d. 240
   e. 250
11. Surge Arresters, Over 1000 Volts defines article:
   a. 220
   b. 225
   c. 230
   d. 280
   e. 285
12. Surge-Protective Devices (SPDs), 1000 Volts or Less defines article:
   a. 220
   b. 225
   c. 230
   d. 285
   e. 280
13. General Requirements for Wiring Methods and Materials defines article:
   a. 300
   b. 310
   c. 312
   d. 314
   e. 320
14. Conductors for General Wiring defines article:
   a. 300
   b. 310
   c. 312
   d. 314

e. 320

15. Cabinets, Cutout Boxes, and Meter Socket Enclosures defines article:
    a. 300
    b. 310
    c. 312
    d. 314
    e. 320
16. Outlet, Device, Pull, and Junction Boxes; Conduit Bodies; Fittings; and Handhole Enclosures defines article:
    a. 300
    b. 310
    c. 312
    d. 314
    e. 320
17. Armored Cable: Type AC defines article:
    a. 300
    b. 310
    c. 312
    d. 314
    e. 320
18. Flat Cable Assemblies: Type FC defines article:
    a. 322
    b. 324
    c. 326
    d. 330
    e. 328
19. Flat Conductor Cable: Type FCC defines article:
    a. 322
    b. 324
    c. 326
    d. 330
    e. 328
20. Integrated Gas Spacer Cable: Type IGS defines article:
    a. 322
    b. 324
    c. 326
    d. 330
    e. 328
21. Medium Voltage Cable: Type MV defines article:
    a. 322
    b. 324
    c. 326
    d. 330
    e. 328
22. Metal-Clad Cable: Type MC defines article:
    a. 322
    b. 324
    c. 326
    d. 330
    e. 328
23. Mineral-Insulated, Metal-Sheathed Cable: Type MI defines article:
    a. 332
    b. 334
    c. 336
    d. 340

e. 338

24. Nonmetallic-Sheathed Cable: Types NM, NMC, and NMS defines article:
    a. 332
    b. 334
    c. 336
    d. 340
    e. 338
25. Power and Control Tray Cable: Type TC defines article:
    a. 332
    b. 334
    c. 336
    d. 340
    e. 338
26. Service-Entrance Cable: Types SE and USE defines article:
    a. 332
    b. 334
    c. 336
    d. 340
    e. 338
27. Underground Feeder and Branch-Circuit Cable: Type UF defines article:
    a. 332
    b. 334
    c. 336
    d. 340
    e. 338
28. Intermediate Metal Conduit: Type IMC defines article:
    a. 352
    b. 342
    c. 344
    d. 348
    e. 350
29. Rigid Metal Conduit: Type RMC defines article:
    a. 352
    b. 342
    c. 344
    d. 348
    e. 350
30. Flexible Metal Conduit: Type FMC defines article:
    a. 352
    b. 342
    c. 344
    d. 348
    e. 350
31. Liquidtight Flexible Metal Conduit: Type LFMC defines article:
    a. 352
    b. 342
    c. 344
    d. 348
    e. 350
32. Rigid Polyvinyl Chloride Conduit: Type PVC defines article:
    a. 352
    b. 342
    c. 344
    d. 348

e. 350

33. High Density Polyethylene Conduit: Type HDPE Conduit defines article:
    a. 354
    b. 355
    c. 356
    d. 358
    e. 353
34. Nonmetallic Underground Conduit with Conductors: Type NUCC defines article:
    a. 354
    b. 355
    c. 356
    d. 358
    e. 353
35. Reinforced Thermosetting Resin Conduit: Type RTRC defines article:
    a. 354
    b. 355
    c. 356
    d. 358
    e. 353
36. Liquidtight Flexible Nonmetallic Conduit: Type LFNC defines article:
    a. 354
    b. 355
    c. 356
    d. 358
    e. 353
37. Electrical Metallic Tubing: Type EMT defines article:
    a. 354
    b. 355
    c. 356
    d. 358
    e. 353
38. Flexible Metallic Tubing: Type FMT defines article:
    a. 362
    b. 366
    c. 368
    d. 370
    e. 360
39. Electrical Nonmetallic Tubing: Type ENT defines article:
    a. 362
    b. 366
    c. 368
    d. 370
    e. 360
40. Auxiliary Gutters defines article:
    a. 362
    b. 366
    c. 368
    d. 370
    e. 360
41. Busways defines article:
    a. 362
    b. 366
    c. 368
    d. 370

e. 360

42. Cablebus defines article:
    a. 362
    b. 366
    c. 368
    d. 370
    e. 360
43. Cellular Concrete Floor Raceways defines article:
    a. 374
    b. 376
    c. 378
    d. 380
    e. 372
44. Cellular Metal Floor Raceways defines article:
    a. 374
    b. 376
    c. 378
    d. 380
    e. 372
45. Metal Wireways defines article:
    a. 374
    b. 376
    c. 378
    d. 380
    e. 372
46. Nonmetallic Wireways defines article:
    a. 374
    b. 376
    c. 378
    d. 380
    e. 372
47. Multioutlet Assembly defines article:
    a. 374
    b. 376
    c. 378
    d. 380
    e. 372
48. Nonmetallic Extensions defines article:
    a. 390
    b. 382
    c. 384
    d. 386
    e. 388
49. Strut-Type Channel Raceway defines article:
    a. 390
    b. 382
    c. 384
    d. 386
    e. 388
50. Surface Metal Raceways defines article:
    a. 390
    b. 382
    c. 384
    d. 386

e. 388

51. Surface Nonmetallic Raceways defines article:
    a. 390
    b. 382
    c. 384
    d. 386
    e. 388
52. Underfloor Raceways defines article:
    a. 390
    b. 382
    c. 384
    d. 386
    e. 388
53. Cable Trays defines article:
    a. 398
    b. 392
    c. 393
    d. 394
    e. 396
54. Low-Voltage Suspended Ceiling Power Distribution Systems defines article:
    a. 398
    b. 392
    c. 393
    d. 394
    e. 396
55. Concealed Knob-and-Tube Wiring defines article:
    a. 398
    b. 392
    c. 393
    d. 394
    e. 396
56. Messenger-Supported Wiring defines article:
    a. 398
    b. 392
    c. 393
    d. 394
    e. 396
57. Open Wiring on Insulators defines article:
    a. 398
    b. 392
    c. 393
    d. 394
    e. 396
58. Outdoor Overhead Conductors over 1000 Volts defines article:
    a. 406
    b. 399
    c. 400
    d. 402
    e. 404
59. Flexible Cords and Flexible Cables defines article:
    a. 406
    b. 399
    c. 400
    d. 402

e. 404

60. Fixture Wires defines article:
    a. 406
    b. 399
    c. 400
    d. 402
    e. 404
61. Switches defines article:
    a. 406
    b. 399
    c. 400
    d. 402
    e. 404
62. Receptacles, Cord Connectors, and Attachment Plugs (Caps) defines article:
    a. 406
    b. 399
    c. 400
    d. 402
    e. 404
63. Switchboards, Switchgear, and Panelboards defines article:
    a. 422
    b. 408
    c. 409
    d. 410
    e. 411
64. Industrial Control Panels defines article:
    a. 422
    b. 408
    c. 409
    d. 410
    e. 411
65. Luminaires, Lampholders, and Lamps defines article:
    a. 422
    b. 408
    c. 409
    d. 410
    e. 411
66. Low-Voltage Lighting defines article:
    a. 422
    b. 408
    c. 409
    d. 410
    e. 411
67. Appliances defines article:
    a. 422
    b. 408
    c. 409
    d. 410
    e. 411
68. Fixed Electric Space-Heating Equipment
    a. 430
    b. 427
    c. 426
    d. 425

e. 424

69. Fixed Resistance and Electrode Industrial Process Heating Equipment defines article:
    a. 430
    b. 427
    c. 426
    d. 425
    e. 424
70. Fixed Outdoor Electric Deicing and Snow-Melting Equipment defines article:
    a. 430
    b. 427
    c. 426
    d. 425
    e. 424
71. Fixed Electric Heating Equipment for Pipelines and Vessels defines article:
    a. 430
    b. 427
    c. 426
    d. 425
    e. 424
72. Motors, Motor Circuits, and Controllers defines article:
    a. 430
    b. 427
    c. 426
    d. 425
    e. 424
73. Air-Conditioning and Refrigerating Equipment defines article:
    a. 460
    b. 455
    c. 450
    d. 445
    e. 440
74. Generators defines article:
    a. 460
    b. 455
    c. 450
    d. 445
    e. 440
75. Transformers and Transformer Vaults (Including Secondary Ties) defines article:
    a. 460
    b. 455
    c. 450
    d. 445
    e. 440
76. Phase Converters defines article:
    a. 460
    b. 455
    c. 450
    d. 445
    e. 440
77. Capacitors defines article:
    a. 460
    b. 455
    c. 450
    d. 445

e. 440

78. Resistors and Reactors defines article:
    a. 480
    b. 490
    c. 500
    d. 501
    e. 470
79. Storage Batteries defines article:
    a. 480
    b. 490
    c. 500
    d. 501
    e. 470
80. Equipment Over 1000 Volts, Nominal defines article:
    a. 480
    b. 490
    c. 500
    d. 501
    e. 470
81. Hazardous (Classified) Locations, Classes I, II, and III, Divisions 1 and 2 defines article:
    a. 480
    b. 490
    c. 500
    d. 501
    e. 470
82. Class I Locations defines article:
    a. 480
    b. 490
    c. 500
    d. 501
    e. 470
83. Class II Locations defines article:
    a. 506
    b. 505
    c. 504
    d. 503
    e. 502
84. Class III Locations defines article:
    a. 506
    b. 505
    c. 504
    d. 503
    e. 502
85. Intrinsically Safe Systems defines article:
    a. 506
    b. 505
    c. 504
    d. 503
    e. 502
86. Zone 0, 1, and 2 Locations defines article:
    a. 506
    b. 505
    c. 504
    d. 503

e. 502

87. Zone 20, 21, and 22 Locations for Combustible Dusts or Ignitible Fibers/Flyings defines article:
    a. 506
    b. 505
    c. 504
    d. 503
    e. 502
88. Hazardous (Classified) Locations Specific defines article:
    a. 510
    b. 511
    c. 513
    d. 514
    e. 515
89. Commercial Garages, Repair and Storage defines article:
    a. 510
    b. 511
    c. 513
    d. 514
    e. 515
90. Aircraft Hangars defines article:
    a. 510
    b. 511
    c. 513
    d. 514
    e. 515
91 Motor Fuel Dispensing Facilities defines article:
    a. 510
    b. 511
    c. 513
    d. 514
    e. 515
92. Bulk Storage Plants defines article:
    a. 510
    b. 511
    c. 513
    d. 514
    e. 515
93. Spray Application, Dipping, Coating, and Printing Processes Using Flammable or Combustible Materials defines article:
    a. 522
    b. 520
    c. 518
    d. 517
    e. 516
94. Health Care Facilities defines article:
    a. 522
    b. 520
    c. 518
    d. 517
    e. 516
95. Assembly Occupancies defines article:
    a. 522
    b. 520
    c. 518

d. 517
e. 516

96. Theaters, Audience Areas of Motion Picture and Television Studios, Performance Areas, and Similar Locations defines article:
a. 522
b. 520
c. 518
d. 517
e. 516

97. Control Systems for Permanent Amusement Attractions defines article:
a. 522
b. 520
c. 518
d. 517
e. 516

98. Carnivals, Circuses, Fairs, and Similar Events defines article:
a. 525
b. 530
c. 540
d. 545
e. 547

99. Motion Picture and Television Studios and Similar Locations defines article:
a. 525
b. 530
c. 540
d. 545
e. 547

100. Motion Picture Projection Rooms defines article:
a. 525
b. 530
c. 540
d. 545
e. 547

101. Manufactured Buildings defines article:
a. 525
b. 530
c. 540
d. 545
e. 547

102. Agricultural Buildings defines article:
a. 525
b. 530
c. 540
d. 545
e. 547

103. Mobile Homes, Manufactured Homes, and Mobile Home Parks defines article:
a. 555
b. 553
c. 552
d. 551
e. 550

104. Recreational Vehicles and Recreational Vehicle Parks defines article:
a. 555
b. 553

c. 552
d. 551
e. 550

105. Park Trailers defines article:
a. 555
b. 553
c. 552
d. 551
e. 550

106. Floating Buildings defines article:
a. 555
b. 553
c. 552
d. 551
e. 550

107. Marinas, Boatyards, and Commercial and Noncommercial Docking Facilities defines article:
a. 555
b. 553
c. 552
d. 551
e. 550

108. Temporary Installations defines article:
a. 610
b. 605
c. 604
d. 600
e. 590

109. Electric Signs and Outline Lighting defines article:
a. 610
b. 605
c. 604
d. 600
e. 590

110. Manufactured Wiring Systems defines article:
a. 610
b. 605
c. 604
d. 600
e. 590

111. Office Furnishings defines article:
a. 610
b. 605
c. 604
d. 600
e. 590

112. Cranes and Hoists defines article:
a. 610
b. 605
c. 604
d. 600
e. 590

113. Elevators, Dumbwaiters, Escalators, Moving Walks, Platform Lifts, and Stairway Chairlifts defines article:
a. 640
b. 630

c. 626
d. 625
e. 620

114. Electric Vehicle Charging System defines article:
a. 640
b. 630
c. 626
d. 625
e. 620

115. Electrified Truck Parking Spaces defines article:
a. 640
b. 630
c. 626
d. 625
e. 620

116. Electric Welders defines article:
a. 640
b. 630
c. 626
d. 625
e. 620

117. Audio Signal Processing, Amplification, and Reproduction Equipment defines article:
a. 640
b. 630
c. 626
d. 625
e. 620

118. Information Technology Equipment defines article:
a. 645
b. 646
c. 647
d. 650
e. 660

119. Sensitive Electronic Equipment defines article:
a. 645
b. 646
c. 647
d. 650
e. 660

120. Pipe Organs defines article:
a. 645
b. 646
c. 647
d. 650
e. 660

121. Modular Data Centers defines article:
a. 645
b. 646
c. 647
d. 650
e. 660

122. X-Ray Equipment defines article:

a. 645

b. 646
c. 647
d. 650
e. 660

123. Induction and Dielectric Heating Equipment defines article:
a. 665
b. 668
c. 669
d. 670
e. 675

124. Electrolytic Cells defines article:
a. 665
b. 668
c. 669
d. 670
e. 675

125. Electroplating defines article:
a. 665
b. 668
c. 669
d. 670
e. 675

126. Industrial Machinery defines article:
a. 665
b. 668
c. 669
d. 670
e. 675

127. Electrically Driven or Controlled Irrigation Machines defines article:
a. 665
b. 668
c. 669
d. 670
e. 675

128. Swimming Pools, Fountains, and Similar Installations defines article:
a. 691
b. 690
c. 685
d. 682
e. 680

129. Natural and Artificially Made Bodies of Water defines article:
a. 691
b. 690
c. 685
d. 682
e. 680

130. Integrated Electrical Systems defines article:
a. 691
b. 690
c. 685
d. 682
e. 680

131. Solar Photovoltaic (PV) Systems defines article:
a. 691

b. 690
c. 685
d. 682
e. 680

132. Large-Scale Photovoltaic (PV) Electric Power Production Facility defines article:
a. 691
b. 690
c. 685
d. 682
e. 680

133. Fuel Cell Systems defines article:
a. 700
b. 701
c. 695
d. 694
e. 692

134. Wind Electric Systems defines article:
a. 700
b. 701
c. 695
d. 694
e. 692

135. Fire Pumps defines article:
a. 700
b. 701
c. 695
d. 694
e. 692

136. Emergency Systems defines article:
a. 700
b. 701
c. 695
d. 694
e. 692

137. Legally Required Standby Systems defines article:
a. 700
b. 701
c. 695
d. 694
e. 692

138. Optional Standby Systems defines article:
a. 710
b. 708
c. 706
d. 705
e. 702

139. Interconnected Electric Power Production Sources defines article:
a. 710
b. 708
c. 706
d. 705
e. 702

140. Energy Storage Systems defines article:
a. 710

b. 708
c. 706
d. 705
e. 702

141. Critical Operations Power Systems (COPS) defines article:
a. 710
b. 708
c. 706
d. 705
e. 702

142. Stand-Alone Systems defines article:
a. 710
b. 708
c. 706
d. 705
e. 702

143. Direct Current Microgrids defines article:
a. 712
b. 720
c. 725
d. 727
e. 728

144. Circuits and Equipment Operating at Less Than 50 Volts defines article:
a. 712
b. 720
c. 725
d. 727
e. 728

145. Instrumentation Tray Cable: Type ITC defines article:
a. 712
b. 720
c. 725
d. 727
e. 728

146. Class 1, Class 2, and Class 3 Remote-Control, Signaling, and Power-Limited Circuits defines article:
a. 712
b. 720
c. 725
d. 727
e. 728

147. Fire-Resistive Cable Systems defines article:
a. 712
b. 720
c. 725
d. 727
e. 728

148. Energy Management Systems defines article:
a. 810
b. 800
c. 770
d. 760
e. 750

149. Fire Alarm Systems defines article:
a. 810

b. 800
c. 770
d. 760
e. 750

150. Optical Fiber Cables defines article:
a. 810
b. 800
c. 770
d. 760
e. 750

151. Communications Circuits defines article:
a. 810
b. 800
c. 770
d. 760
e. 750

152. Radio and Television Equipment defines article:
a. 810
b. 800
c. 770
d. 760
e. 750

153. Community Antenna Television and Radio Distribution Systems defines article:
a. 840
b. 830
c. 820

154. Network-Powered Broadband Communications Systems defines article:
a. 840
b. 830
c. 820

155. Premises-Powered Broadband Communications Systems defines article:
a. 840
b. 830
c. 820

2017 NEC Articles Quiz Answer Sheet

1	a b c d e	41	a b c d e	81	a b c d e
2	a b c d e	42	a b c d e	82	a b c d e
3	a b c d e	43	a b c d e	83	a b c d e
4	a b c d e	44	a b c d e	84	a b c d e
5	a b c d e	45	a b c d e	85	a b c d e
6	a b c d e	46	a b c d e	86	a b c d e
7	a b c d e	47	a b c d e	87	a b c d e
8	a b c d e	48	a b c d e	88	a b c d e
9	a b c d e	49	a b c d e	89	a b c d e
10	a b c d e	50	a b c d e	90	a b c d e
11	a b c d e	51	a b c d e	91	a b c d e
12	a b c d e	52	a b c d e	92	a b c d e
13	a b c d e	53	a b c d e	93	a b c d e
14	a b c d e	54	a b c d e	94	a b c d e
15	a b c d e	55	a b c d e	95	a b c d e
16	a b c d e	56	a b c d e	96	a b c d e
17	a b c d e	57	a b c d e	97	a b c d e
18	a b c d e	58	a b c d e	98	a b c d e
19	a b c d e	59	a b c d e	99	a b c d e
20	a b c d e	60	a b c d e	100	a b c d e
21	a b c d e	61	a b c d e	101	a b c d e
22	a b c d e	62	a b c d e	102	a b c d e
23	a b c d e	63	a b c d e	103	a b c d e
24	a b c d e	64	a b c d e	104	a b c d e
25	a b c d e	65	a b c d e	105	a b c d e
26	a b c d e	66	a b c d e	106	a b c d e
27	a b c d e	67	a b c d e	107	a b c d e
28	a b c d e	68	a b c d e	108	a b c d e
29	a b c d e	69	a b c d e	109	a b c d e
30	a b c d e	70	a b c d e	110	a b c d e
31	a b c d e	71	a b c d e	111	a b c d e
32	a b c d e	72	a b c d e	112	a b c d e
33	a b c d e	73	a b c d e	113	a b c d e
34	a b c d e	74	a b c d e	114	a b c d e
35	a b c d e	75	a b c d e	115	a b c d e
36	a b c d e	76	a b c d e	116	a b c d e
37	a b c d e	77	a b c d e	117	a b c d e
38	a b c d e	78	a b c d e	118	a b c d e
39	a b c d e	79	a b c d e	119	a b c d e
40	a b c d e	80	a b c d e	120	a b c d e

2017 NEC Articles Quiz Answer Sheet Continued

121	a b c d e	133	a b c d e	145	a b c d e
122	a b c d e	134	a b c d e	146	a b c d e
123	a b c d e	135	a b c d e	147	a b c d e
124	a b c d e	136	a b c d e	148	a b c d e
125	a b c d e	137	a b c d e	149	a b c d e
126	a b c d e	138	a b c d e	150	a b c d e
127	a b c d e	139	a b c d e	151	a b c d e
128	a b c d e	140	a b c d e	152	a b c d e
129	a b c d e	141	a b c d e	153	a b c d e
130	a b c d e	142	a b c d e	154	a b c d e
131	a b c d e	143	a b c d e	155	a b c d e
132	a b c d e	144	a b c d e		

5 hrs. Course Fees $50.00

To obtain your Continuing Education Credits follow the below instructions

1. Print out first.
2. Fill in all fields applicable.
3. Include your certification or license number.
4. We'll take care of crediting with the state and mailing back to you the quiz results.

Send by mail

1. Mail just the answer sheet and keep the quiz for your records.
2. Fill out this form below completely.
3. Applicable fees by check payable to our business name: **GaryKlinka.com**
4. Mail to: **GaryKlinka.com** at 1316 Cardinal Circle, Neenah, WI 54956.

Live Support at 920-381-6714 or tmklinka@hotmail.com

----------Educational Course Attendance Verification Form ----------

Attendee's name_____Date_____

Address_____

Credential Numbers_____Phone#_____

Course Title and Name 2017 NEC Articles Quiz 5 hrs. Course ID# 961712

List the name of each credential held by attendee_____

_____

Email address_____

Fax#_____

To be completed by GaryKlinka.com

Attendee passed the course with a greater than 70% score on date_____

Instructor's signature _____