

HalfMoon Education Live Continuing Education Webinars

# National Electrical Code 2020

**Online - Tuesday, September 13, 2022 | 8:30 am - 5:00 pm CDT**

**Credits:**

Professional Engineers: 7.0 PDHs

Architects: 7.0 HSW CE Hours      AIA: 7.0 LU/HSW

International Code Council: .7 CEUs (Electrical)



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## **2020 National Electrical Code:**

### **Overview of Major Changes**

Code wide changes      New articles

### **Chapter 1 General**

Article 90 – Introduction      Article 100 – Definitions  
Article 110 – Requirements for electrical installations,  
working space, terminations, listing reqs. SCCR and  
available fault currents, labeling

### **Chapter 2: Wiring and Protection**

Article 200 – Grounded conductors  
Article 210 – Branch circuits, GFCI  
and AFCI protection Receptacle reqs.  
Voltage drop calculations  
Article 220 Load calculations  
Article 230 – Services SPD's for Dwelling,  
Em disconnecting means

### **Article 240**

Protection of flexible cords and cables  
Tap conductors      Fuses  
Circuit breakers

### **Article 250 Grounding and Bonding**

Grounding of service entrances  
Grounding of separately derived systems  
Grounding electrodes  
Sizing of grounding electrode and grounding conductor  
Bonding of services      EGC sizing and requirements  
Sizing of grounding electrode and grounding conductor  
Bonding of services  
Sizing bonding jumpers and grounds  
EGC sizing and requirements

### **Chapter 3 Wiring Methods and Materials**

Article 300      Underground installation  
Securing and supporting

### **Article 310 Conductors**

Uses permitted      Parallel Installations  
Table 310.12 Dwelling feeders and services  
Adjustments and corrections  
Roof tops

### **Wiring Materials**

Box fill  
Pull box – straight, angle, U-pull, and splices  
Article 311 through 399

### **Chapter 4: Equipment for General Use**

Article 404 – Switches      Article 408 – Receptacles  
Article 410 – Luminaires      Article 422 – Appliances  
Article 424 – Space Heating Equipment  
Article 430 – Motors  
Article 440 – Air Conditioning and Refrigeration Equipment

### **Presented by**

**Mark D. Cook**

*Electrical Education Specialist, Faith Technologies*

### **Tuition**

**\$319** for individual registration  
**\$289** for two or more registrants from the  
same company at the same time.

**Included with your registration:** PDF seminar manual.

## **Credit Information**

This webinar is open to the public and is designed to qualify for 7.0 PDHs for professional engineers and 7.0 HSW continuing education hours for licensed architects in all states.

HalfMoon Education is an approved continuing education sponsor for engineers in Florida (Provider No. 0004647), Indiana (License No. CE21700059), Maryland, New Jersey (Approval No. 24GP00000700) and North Carolina (S-0130). HalfMoon Education is deemed an approved continuing education sponsor for New York engineers and architects via its registration with the American Institute of Architects Continuing Education System (Regulations of the Commissioner §68.14(i)(2) and §69.6(i)(2)). Other states do not preapprove continuing education providers or courses.

The American Institute of Architects Continuing Education System has approved this course for 7.0 LU/HSWs (Sponsor No. J885). Only full participation is reportable to the AIA/CES.

The International Code Council has approved this event for .7 CEUs in the specialty area of Electrical (Preferred Provider No. 1232).

Attendance will be monitored, and attendance certificates will be available after the webinar for those who attend the entire course and score a minimum 80% on the quiz that follows the course (multiple attempts allowed).

### **Can't Attend? Order the Webinar as an On-Demand Package!**

Recordings of this webinar are available for purchase. See registration panel for more information and please refer to specific state licensing rules or certification requirements to determine if this learning method is eligible for continuing education credit.

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