**Course Name:** **2020 NEC Definitions**

**Credit Hours:** 4 hours

**Course Description:** This course covers the changes made to the Article 100 definitions in the 2020 National Electric Code.

**Course Objectives:** After completing this course, the licensee will be able to apply changes to the 2020 NEC from Article 100 and understand the most common definitions of the code. All electricians should have a solid understanding of the NEC code and the recent changes to the code.

**Method of Presentation:** This course is available online. Each slide includes commentary and a multiple choice question. The student will be required to provide their state license number as part of registration.

**Method of Evaluation:** The licensee must complete all 100 multiple choice questions with a score of 75% or better in order to receive credit for the course.

**Course Outline:**

**Part 1: 4 mins**

Accessible (as applied to equipment).

Attachment Fitting.

**Part 2: 6 mins**

Bathroom.

Bonding Jumper, Main.

Bonding Jumper, Supply-Side.

**Part 3: 22 mins**

Cable, Coaxial.

Cable, Optical Fiber.

Cable, Optical Fiber, Composite.

Cable, Optical Fiber, Conductive.

Cable, Optical Fiber, Nonconductive.

Circuit Integrity (CI) Cable.

Class 1 Circuit.

Class 2 Circuit.

Class 3 Circuit.

Coordination, Selective (Selective Coordination).

**Part 4: 4 mins**

DC-to-DC Converter.

Dormitory Unit.

**Part 5: 8 mins**

Electric Vehicle (EV).

Electrical Datum Plane.

Equipotential Plane.

**Part 6: 12 mins**

Fault Current.

Fault Current, Available (Available Fault Current).

Free Air (as applied to conductors).

Fuel Cell.

Fuel Cell System.

**Part 7: 6 mins**

Generating Capacity, Inverter.

Ground-Fault Circuit Interrupter (GFCI).

Grounding Conductor, Equipment (EGC).

**Part 8: 2 mins**

Habitable Room.

**Part 9: 18 mins**

Information Technology Equipment Room.

Interactive Inverter.

Inverter.

Inverter Input Circuit.

Inverter Output Circuit.

Inverter, Multimode.

Island Mode.

**Part 10: 2 mins**

Laundry Area.

**Part 11: 2 mins**

Messenger or Messenger Wire.

**Part 12: 18 mins**

Photovoltaic (PV) System.

Pier.

Pier, Fixed.

Pier, Floating.

Power Production Equipment.

Power-Limited Tray Cable (PLTC).

Prime Mover.

**Part 13: 6 mins**

Raceway, Communications.

Receptacle.

Reconditioned.

**Part 14: 12 mins**

Service Equipment.

Single-Pole Separable Connector.

Stand-Alone System.

Switch, Bypass Isolation.

**Part 15: 2 mins**

Thermally Protected (as applied to motors).

**Part 16: 8 mins**

Part III. Hazardous (Classified) Locations

Aircraft Painting Hangar.

Associated Apparatus.

Associated Nonincendive Field Wiring Apparatus.

**Part 17: 8 mins**

Combustible Dust.

Combustible Gas Detection System.

Cord Connector.

**Part 18: 6 mins**

Different Intrinsically Safe Circuits.

Dust-Ignitionproof.

Dusttight.

**Part 19: 8 mins**

Electrical Resistance Trace Heating “60079-30-1”.

Encapsulation “m”.

Explosionproof Equipment.

**Part 20: 2 mins**

Flameproof “d”.

**Part 21: 2 mins**

Hermetically Sealed.

**Part 22: 14 mins**

Increased Safety “e”.

Inherently Safe Optical Radiation “op is”.

Intrinsic Safety “i”.

Intrinsically Safe Apparatus.

Intrinsically Safe Circuit.

Intrinsically Safe System.

**Part 23: 4 mins**

Limited Finishing Workstation.

Liquid Immersion “o”.

**Part 24: 14 mins**

Major Repair Garage.

Membrane Enclosure.

Minor Repair Garage.

Mobile Equipment.

Motor Fuel Dispensing Facility.

**Part 25: 14 mins**

Nonincendive Circuit.

Nonincendive Component.

Nonincendive Equipment.

Nonincendive Field Wiring.

Nonincendive Field Wiring Apparatus.

**Part 26: 10 mins**

Oil Immersion.

Optical System With Interlock “op sh”.

Outdoor Spray Area.

**Part 27: 22 mins**

Portable Equipment.

Powder Filling “q”.

Pressurized.

Pressurized Enclosure “p”.

Process Seal.

Protected Optical Fiber Cable.

Protected Optical Radiation “op pr”.

Protection by Enclosure “t”.

Purged and Pressurized.

**Part 28: 4 mins**

Simple Apparatus.

Spray Area.

**Total 240 minutes**