2020 NEC – Solar Photovoltaic (PV) Systems

Course Type – Contractor

Core Credit Hours – 6.0

Course Type – Electrician

Core Credit Hours – 16.0

Course Name – 2020 NEC – Solar Photovoltaic (PV) Systems

Course Outline & Objectives

Based on the 2020 National Electrical Code (NEC), this 16-hour course will cover the design, installation, and maintenance requirements of solar photovoltaic (PV) systems. With the rapid growth of solar installations occurring throughout Utah, the United States, and throughout the world, understanding the theory, code, and practical applications of this technology will help prevent costly mistakes and increase the safety of these types of systems. This course is designed to help contractors, electricians, engineers, and inspectors better understand how utility-interactive and stand-alone solar PV system operate.

This course will consist of a live seminar and attendee participation covering the following:

11 Hours (2020 NEC) – General, circuit requirements, disconnecting means, wiring methods & materials, grounding & bonding, marking, energy storage systems, large-scale PV electric supply stations, and interconnected electric power production sources.

4 Hours (2018 NFPA 70E) – Safety-related work practices, safety-related maintenance requirements, and safety requirements for special equipment.

1 Hour (2018 IECC) – Scope & administration, definitions, general requirements, energy efficiency, existing buildings, and solar-ready zone & provisions.

Course Schedule

Southwest Technical College (Cedar City, Utah) Friday, September 18, 2020

Southwest Technical College (Cedar City, Utah) Saturday, September 19, 2020

For more information or additional dates, please contact Nichole Topham at (435) 865-3911 or email at ntopham@stech.edu.

Calendar Events

Date – 9/18/2020

Location – Iron (Can you include all locations for the live webinar?)

Date – 9/19/2020

Location – Iron (Can you include all locations for the live webinar?)

Keywords – NEC, National Electrical Code, Solar, Photovoltaic, PV, NABCEP, & Changes

Locations – Iron (Can you include all locations for the live webinar?)

Teaching Method – Live

Company Name – Southwest Technical College

Phone – (435) 865-3911

Address – 757 W. 800 S.

City – Cedar City

State – Utah

Postal Code – 84720

Email Address – ntopham@stech.edu

The Course Provider is – A recognized accredited college or university.

Instructor First Name – Mark

Instructor Last Name – Florence

Instructor License # - 183023-5504

Instructor Resume – See Attached