2023 NEC Update

**Agenda Day 1 Part 1**

**6:30 -7:00 AM Sign In**

**7:00 -7:15 AM**

**Introductions**

**2023 Code Book overview.**

**Highlighters and red pens with small rulers will be needed. I will quickly point out highlights to key Code sections with a brief explanation to each section. I will be open to questions during this process. I would suggest that you make notes and highlight your book so you can reference it later and study it. I would suggest taking notes on a separate piece of paper to study with. I will have handouts that are considered “2023 NEC Cheat Sheets” by most state exams but are provided for you to study with. I will cover Chapters 1-4 and include most Tables in Chapter 9.**

**7:15 to 8:15 -1 Hour**

**Significant Changes and NEC overview**

**Free Access to NFPA – Navigation of the NEC**

**Article 90**

**Definitions Article 100 – Article 110**

**Working Space**

**WSAF and WSAR**

**OUTLETS**

**8:15 to 9:15 1 Hour with a 15-minute break**

**Article – 210**

**GFCI and AFCI protection**

**Branch Circuit Summary**

**10-amp branch circuit**

**Required Receptacle Outlets & Island Receptacles**

**9:30 to 10:30 1 Hour**

**Articles 220 Calculations – New Arrangement**

**New Locations for Old Tables**

**Table Data – Floor Area – General Lighting Loads**

**EV Charging Equipment**

**Healthcare and Marinas – Other Load Calculations**

**10:30 to 11:30 1 Hour**

**Article 250 - Sizing- grounding and bonding conductors / grounding electrode conductors**

**Equipment Grounding Conductors.**

**Transformer Connections**

**Tables 250.66, 250.102(C)(1) and 250.122**

**Stainless Steel FMC**

**250.148**

**11:30 to 12:30 PM 1 Hour**

**LUNCH**

**12:30 to 1:30 1 Hour**

**Articles 225 – 230 - 240**

**1:30 to 2:30 1 Hour with a 15-minute break**

**Chapter 3 – Article 300**

**Articles 320 -399 - Wiring Methods**

**2:45 to 4:45 2 Hour**

**Chapter 3 Article 320-399 Wiring Methods**

**Articles for over 1000 Volts ac and 1500 Volts dc**

**Articles 404 Switches**

**Articles 406 Receptacles**

**8 Hours Total of Instruction**