

Health Care Facilities
NEC 517
Update Course



Welcome to the 2023 Health Care Facilities /NEC 517 **Update Course**

Instructor – Scott Betz

This course is two nights, 4 hours each night.

CEU credits for code education will be supplied for this course.

We will be covering:

- Topics related to the HCFs power distribution systems from the incoming power companies' requirements to the Electrical Essential Systems, breaking them down into easy to understand "bites".
- In-depth study of NEC 517.13 and why it is NOT to be thought of as a redundant grounding method but a low impedance grounding to create high voltage flow, creating a quick circuit break trip action, in a short circuit scenario.
- Review of NEC 517.2 definitions. Better understanding the definitions, will lessen the chance of disputes on the HCF construction sites.
- Clarification on the definitions of Patient Care Space and Patient Care Vicinity's and who has the authority to label these areas. (And the code requirements for these areas.)
- Address new 2023 code changes to NEC 517.
- New design concepts with "shelter in place" concepts taken into consideration.
- The important role hospitals play in the communities that they serve.

If you are currently on a HCF construction site, this course will give you piece of mind and confidence, as you are working on, one of the most complex, most regulated environments on earth and expensive building to build.