

RLEST-193: Residential Electrical for Inspectors

Course Description:

This course follows the requirements of the National Electrical Code. It provides students with the required knowledge to take the State of Wisconsin Uniform Dwelling Code Electrical Inspector Exam. The material covered will include service sizing, electrical boxes, and distribution systems, as well as, shock resistance.

Total Credits: 3.00

Course Competencies

- 1. Locate the appropriate regulatory standard and layout for installations of general wiring**
- 2. Locate and interpret, codes on installation of conductors, boxes, penetrations, and underground wiring**
- 3. Locate and interpret, codes on installation of feeder and conductor sizing**
- 4. Locate and interpret, codes on installations of motors, transformers, and refrigeration equipment**
- 5. Locate and interpret, the codes on grounding and special electrical systems**
- 6. Locate and interpret, codes on installation of lighting, appliances, space heating, and air conditioning units**
- 7. Locate and interpret, codes on installation of services and sizing**
- 8. Inspect a building for electrical code violations**