

COURSE – E
READING ELECTRICAL SCHEMATICS
(Level 5)

- TEXT BOOK:** Electrical Principles and Practices - Mazur/Zurlis
(*Same text as previous Courses*)
- TOOLS/MATERIALS:** Students should bring the following to class:
- Calculator
- Textbook listed above
- Writing utensils and notepaper
- TIME FRAME:** Half-day session (4 Hours)
- PREREQUISITE(s):** (None)

General Sequence

Chapter 10 Symbols and Print Reading

At the end of this training session, students should be able to.....

Chapter 10

- Describe the function of abbreviations, acronyms, and symbols.
- Describe the characteristics and function of power sources, disconnects, and OCPDs.
- Describe the characteristics and function of contacts and control switches.
- Describe the characteristics and function of relays and timers.
- Describe the characteristics and function of contactors and motor starters.
- Describe the characteristics and function of solenoids, resistors, and thermistors.
- Describe the characteristics and function of capacitors, inductors and diodes.
- Describe the characteristics and function of common electric switching devices.
- Describe the characteristics and function of coils and transformers.
- Describe the characteristics and function of common types of motors.
- Describe the characteristics and function of lights, alarms, meters, and general wiring.
- Define and describe the use of symbols on plans and drawings.