

COURSE – D
USING MULTIMETERS
(Level 4)

- 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):** Course-A, Basic Industrial Electrical Theory I (Level 1)
Course-B, Basic Industrial Electrical Theory II (Level 2)

General Sequence

Chapter 8 Meter Abbreviations and Displays

Chapter 9 Taking Standard Measurements

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

Chapter 8

- Identify common types of meters.
- Describe the function of meter abbreviations, symbols, and terminology.
- List common considerations for reading analog displays.
- List common considerations for reading digital displays.

Chapter 9

- Identify common measurement principles.
- Describe common procedures for taking voltage measurements.
- Describe common procedures for taking current measurements.
- Describe common procedures for taking resistance measurements.
- List and describe common types of scopes and their operation.
- Describe common applications of scopes.