COURSE – M

ADVANCED MOTORS
(Level 13)

TEXT BOOK: Electrical Principles and Practices - Mazur/Zurlis
(supplied by Schaedler / YESCO Distribution)

TOOLS/MATERIALS: Students should bring the following to class:
- Calculator
- Textbook listed above
- Writing utensils and notepaper

TIME FRAME: Half-day session (4 Hours)

PREREQUESITE(s): Course-A, Basic Industrial Electrical Theory I (Level 1)
Course-B, Basic Industrial Electrical Theory II (Level 2)
Course-G, Basic Industrial Electrical Theory III (Level 7)
Course-H, Basic Industrial Electrical Theory IV (Level 8)
Course-J, Transformers and Motors (Level 10)
Course-L, Introduction to Industrial Electronics (Level 12)

General Sequence

Chapter 16 Electric Motors

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

Chapter 16 +
- Describe the basic operation of a VFD.
- Describe the function of the major internal components of VFDs.
- Describe the function and operation of a VFD driven motor.
- Explain work and torque in relation to VFD operation.