

ELECTRICAL ENGINEERING FOR NON-ELECTRICAL ENGINEERS

COMFORI SDN BHD

Objectives:

- Understand the basic electrical theory.
- Understand the single and three phase power system.
- Alternate current and direct current.
- Gain a solid understanding of power system.
- Broaden your knowledge of transmission system.
- How electrical protection work.
- Adopt the strategies of estimate the electrical cost calculation.
- Understand the electrical safety.

Overview:

This course is focused to non-engineers who working in the electrical engineering or involved in the task related to electric utilities. The purpose of the course is to understand the fundamental of electrical system, and design of the electrical engineering. By participating in this course, you will be able to understand the concept of how electrical energy operation, the different of AC & DC, transmission, power and electrical safety.

Modules:

Module 1: Introduction

Module 2: Alternating Current (AC)

Module 3: Direct Current (DC)

Module 4: Power System

Module 5: Transmission

Module 6: Electrical Protection

Module 7: Electrical Cost Calculation

Module 8: Electrical Safety