

Course Title: Electrical System Design

Course Code: EEA 189

Course Background / Summary:

This course is suitable for Electrical Engineers who work in consultation companies, contractors, and maintenance fields in a factory. Electrical Design has a huge demand in many segments like design, manufacture, and installation of power and distribution systems, Sub-stations Design, commercial and Domestic interior lighting

Course Objectives:

- Knowledge of the component used in Electrical Design such as MCCB, MCB, Busbar, single-phase, and three-phase system loads, etc.
- Participation should gain the steps in electrical system design, from selecting the cable size, circuit breaker size, voltage drop, etc.
- Participation also should be able to draw the schematic diagram of the Electrical System.

Target Audience:

- Managers, Engineers and Technicians

Course Duration: 3 Days

Course Contents

1.0 Electrical Components

2.0 Basic Electrical Design

3.0 Basic Electrical Design Using AutoCAD