



## Power System & Equipment Grounding

Date	Venues	(\$)Fees	Book your seat
31 Mar -04 Apr 2024	Cairo	2900	<a href="#">Register Now</a>

### Course Overview:

This course is aimed at introducing the power-substation layout and design to utility and industrial engineers. The course will cover substation layout, design, grounding and protection. The course will be supported by practical design examples.

### Course Objective:

To improve the skills of engineers involved in design, operation and maintenance of electric power substation. A degree in electrical engineering is recommended to gain maximum benefit from the course

### Who Should Attend?

Engineers involved in design, operation and maintenance of power substations. A degree in electrical engineering is recommended to gain maximum benefit.

### Course Outline:

- Introduction
- Power System

-Substations of Voltages 230 kV and Above

-Substations of Voltages up to 220 kV

-Transformer, Reactors and Regulators Transformers

-Reactors

-Regulators

-Outgoing and Incoming Overhead Lines

- Tower Selection
- Substation Grounding

-Zones of Protection

Circuit Breakers

### Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise

- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation



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