



## Electrical Distribution Systems (Maintenance & Operation)

Date	Venues	(\$)Fees	Book your seat
28 Apr -02 May 2024	Cairo	2900	<a href="#">Register Now</a>

### Course Overview:

- Electricity distribution is the final stage in the delivery of electricity to end users. A distribution system's network carries electricity from the transmission system and delivers it to consumers. Typically, the network would include medium-voltage (less than 50 kV) power lines, substations and pole-mounted transformers, low-voltage (less than 1 kV) distribution wiring and sometimes meters.

### Course Objective:

- This course is devoted to develop the qualifications of Utilities Electrical Power Engineers to be capable of proper distribution system planning.
- This enables the engineers to develop plans for existing networks rehabilitation and expansion. As well, they will be capable of proper planning of the distribution networks in newly developing areas in the manner that these networks can supply the present and future loads at the standard voltages with the highest efficiency and supply reliability.

### Who Should Attend?

- In general, electrical power engineers can take part in this course, preferably, those engineers who have experience in distribution systems operation and maintenance. Design and projects engineers should take part.

### Course Outline:

- Introduction
- Distribution Network Engineering Motor And Motor-Branch-Circuit Protection
- Electrical Equipment In Distribution Systems Measurements
- Network Operation Improvement
- Loads And Energy Forecasting
- Load Flow
- Fault Studies

### Training Methodology:

- Presentation & Slides
- Audio Visual Aids
- Interactive Discussion
- Participatory Exercise
- Action Learning
- Class Activities
- Case Studies
- Workshops
- Simulation

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