



## Battery & DC Systems

Date	Venues	(\$)Fees	Book your seat
07 Dec -11 Dec 2025	Cairo	2900	<a href="#">Register Now</a>

### Course Overview:

- Battery systems applications, components, operating principles and causes of failure for vented lead acid, valve regulated lead acid and nickel-cadmium batteries.

### Course objective

- Demonstrate knowledge in operation of DC systems
- Demonstrate the need for DC systems in most control equipment
- Handle batteries with care, and maintain the batteries in respective stations to the best for assured longer life, better performance and most of all availability of the battery system

### Who Should Attend?

Designed for maintenance personnel that are responsible for battery systems in substations, power plants and other systems that require emergency power.

### Course Outline:

- Introduction To Batteries
- Battery Hazards
- Battery Safety Equipment And Procedures
- Application And Scope
- Ground Fault Detection
- Battery Protection
- Battery Basics
- Battery Types and Design
- Battery Construction
- Battery Testing
- Battery Charging and Discharge
- Battery Maintenance
- Battery Test Equipment

### Training Methodology:

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

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



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