



## BATTERY AND POWER SYSTEM

Date	Venues	(\$)Fees	Book your seat
08 Dec -12 Dec 2024	Cairo	2900	<a href="#">Register Now</a>

### Course Overview:

- Battery & Power systems applications, components, operating principles and causes of failure for vented lead acid, valve regulated lead acid and nickel-cadmium batteries.
- Introduction to types of battery chargers

### Course objective

- Battery & Power systems applications, components, operating principles and causes of failure for vented lead acid, valve regulated lead acid and nickel-cadmium batteries.
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### Who Should Attend?

- Designed for maintenance and operation personnel, Engineers, Technicians that are responsible for battery systems in substations, power plants and other systems that require emergency power

### Course Outline:

1. INTRODUCTION TO BATTERIES
2. BATTERY HAZARDS
3. BATTERY SAFETY EQUIPMENT AND PROCEDURES
4. APPLICATION AND SCOPE
5. GROUND FAULT DETECTION
6. BATTERY PROTECTION
7. BATTERY BASICS
8. BATTERY CONSTRUCTION
9. INTRODUCTION TO POWER SYSTEMS
10. WHY POWER SYSTEMS ARE INTERCONNECTED
11. ELEMENTS OF INDUSTRIAL POWER SYSTEMS
12. TYPICAL INDUSTRIAL POWER SYSTEMS
13. SYSTEM RELIABILITY
14. SYSTEM FLEXIBILITY
15. SYSTEM PLANNING

### Training Methodology:

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



00201126467555



info@bptcenter.com



www.bptcenter.com