



Electrical Power System Protection and Testing Course Overview

Date	Venues	(\$)Fees	Book your seat
22 Dec -26 Dec 2024	Cairo	2900	Register Now

- The continuity of Electrical Protection and testing System is very important to the consumers specially, for industrial sector where the curtail of electrical power supply is costly.

Course Objective:

- Knowing the fault reasons in electrical networks and its effect on the electrical quantities.
- Reviewing the Grounding System of generation, Transmission and Distribution Networks and how it affects the electrical quantities, short circuit level and protection system.
- Understanding main concepts of protection and testing equipment and its necessity in electrical System

Who Should Attend?

- This course is intended for Electrical Engineers ,Technicians (basic and medium level), operators ,who work in operation, maintenance, protection, control and analysis of Utilities & Industries and Electrical Networks.

Course Outline:

- INTRODUCTION TO ELECTRICAL PROTECTION SYSTEM
- POWER SYSTEM RELAYING
- MEASURING TRANSFORMERS (VTS & CTS)
- PROTECTIVE RELAYS
- Under Frequency Protection (U/F.P.)
- Over Voltage protection (O/V.P.)
- Protection and Testing

Training Methodology:

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

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