

# Application Of Electrical Science To Power Generation, Transmission and Utilization Course

## Venue Information

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**Venue:** London UK

**Place:**

**Start Date:** 2026-09-22

**End Date:** 2026-09-26

## Course Details

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**Net Fee:** £4750.00

**Duration:** 1 Week

**Category ID:** EAPET

**Course Code:** EAPET-55

## Syllabus

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### Course Description

Upon the successful completion of the course, participants will be able to:

- Realize the characteristics of different switching devices;
- Understand the concept of converting power using switching technology;
- Describe some of the developed circuit topologies;
- Identify the effect of power electronics on the coupled source and load;
- Design basic converters;
- Select converters for a specific application;
- Maintain power electronic equipment;
- Test power electronic equipment.