



### Other Courses

Production Process  
Mechanical Training  
Planning & Control  
Instrumentation  
Driver Training  
Health & Safety  
Computer Skills Training  
English Language Course



Cert No. 6157

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## Electrical Training Course

**ELE-02-AEE**

### **Course Title**

Advanced Electrical and Electronic Course

### **Course Duration**

36 Weeks

### **Pre-Requisite**

Engineers and senior level technicians working in Electrical Division.

### **Course Content**

- High Voltage Distribution Systems
- AC Generators
- Protection Relays
- Electrical Codes of Practice
- Basic Electronics and advanced Measuring Technique (Oscilloscope, etc)
- Electronic Measuring Instruments used in Industrial Environments
- Relay and Digital logic and control circuits
- Introduction to PLC control & PC System used in Industrial Environment
- PLC programming and communications
- Power Electronics
- Reading of and creating Electrical Drawings and Schematics
- Preventive maintenance programme of the above equipment(s).

### **Certification**

Relevant City & Guilds Certificates, plus Certification by Training Provider(s).

### **Minimum Delegates Per Course**

4, Ideally 6

### **Course Commencing**

Available on request

### **Provider**

External Training Provider