

Level 2 Certificate in Engineering Electrical and Electronics Technology

List of modules

1. Working in engineering
2. Principles of engineering technology
3. Principles of electrical and electronics technology
4. Wiring and testing electrical circuits
5. Constructing, testing and fault finding in electronic circuits

Working in engineering

Module Code : 201

Topics

1. Know engineering health and safety requirements
2. Know effective methods of communication
3. Understand drawings and specification
4. Know about working in engineering

Principles of engineering technology

Module Code : 202

Topics

1. Know requirements for materials in engineering
2. Know properties of engineering materials
3. Know how to apply analytical methods to engineering mathematical applications
4. Know how to apply analytical methods to engineering science applications

Principles of electrical and electronics technology

Module Code : 256

Topics

1. Know the basic units used in electro technology
2. Know the application of electro technology
3. Be able to identify the characteristics of an electrical circuit

Wiring and testing electrical circuits

Module Code : 223

Topics

1. Be able to assemble components and prepare for wiring and testing of electrical circuits
2. Be able to carry out the wiring of electrical circuits

Constructing, testing and fault finding electronic circuits

Module Code : 223

Topics

1. Be able to prepare for building and testing of electronic circuits
2. Be able to test, fault find and repair electronic equipment
3. Be able to construct new, and identify faults on existing, electronic equipment

Full Syllabus Document can be downloaded from below web link

<http://cdn.cityandguilds.com/ProductDocuments/Engineering/Mechanical/2850/2850 Level 2/Centre documents/2850 L2 Cert Dip Qualification handbook IVQ v3-3.pdf>