

Electrical & Electronic Engineering

BTEC Diploma Level 3

Edexcel

Course Details

The full course programme is as follows:

Year 1 Units

- Health & Safety in the Engineering Workplace
- Electrical and Electronic Principles
- Mathematics for Engineering Technicians
- Properties and Applications of Engineering Materials
- Engineering Drawing for Technicians
- Principles and Applications of Electronic Devices and Circuits

Year 2 Units

- Communications for Engineering Technicians
- Engineering Project
- Selecting and Using Programmable Logic Controllers
- Principles and Operation of Three Phase Systems
- Further Mathematics for Engineering Technicians
- Further Electrical Principles

To successfully complete the course, eleven units must be obtained.

A Course for

Trainee technicians in electrical or electronic engineering or for those who are wishing to continue their education in order to obtain the necessary entry qualifications for university.

Entry Requirements

Four GCSEs at Grade C to include Mathematics, Physics or alternative Science subject, or BTEC First Certificate, or Diploma or equivalent.

Students not reaching the required entry qualifications can apply for certain exemptions, which will be subject to the course team being satisfied a student will benefit by taking the course.

Assessment

Students are continuously assessed on the units of the course, each unit successfully completed as part of a programme of study counts to the students award.

Learning Outcome

This course prepares students for the Higher National Certificate in Electrical/Electronic Engineering.



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Course Information

Progression after Programme

Higher National Certificate/Diploma in Electrical and Electronic Engineering.

With additional education, the positions open within employment are:

- Senior Technician
- Supervisor
- Technical Officer
- Design Engineer
- Project Engineer

**ALL FEES ARE SUBJECT TO REVIEW
PLEASE REFER TO PART TIME PROSPECTUS**

FACTFILE	
Attendance	Part Time – Day Release
Duration	2 Years
Starting	w/c 12/09/2011
Location	Corporation Road
Timetable	Day to be confirmed 09.00-16.00
Course Tutor	David Hodgson
Revision Date	June 2011
Division	Engineering