



LEVEL 3 – ELECTRONIC ENGINEERING

Congratulations on being accepted onto the Level 3 Electrical & Electronic Engineering course at The College! Here is some course information to help you to get started.

WHAT YOU WILL STUDY:

The course is made up of a variety of units to enhance your electronic knowledge, although we do start off slower...The topics we cover include:

- Electronic Circuit Design, Components and Principles
- Microprocessor and Logic Controller Design and Programming
- Digital and Analogue Electronics
- Project Management, Design and Manufacture and Communication Techniques

You will also be expected to complete a Work Placement programme each year of this 2-year course. You will be aided in CV writing and cover letter writing during your Personal Tutor time.

WHAT YOU WILL NEED:

As a minimum, it is recommended that you bring the following items with you every day:

- Stationary – pens, pencils, ruler, etc.
- Scientific calculator
- USB memory stick
- A4 note paper, and a binder to organise your notes and any documents you are given

You won't need to bring a laptop with you, as these are available in the classrooms. You will be able to download a copy of MS Office for free for use at home too!

The course is designed for students with an interest in electronics, although it is not important if you haven't studied this before.



WHAT'S THE WORK LIKE?

Most of the work will be a mixture of classroom activities, practicals and written assignments.

For example, once we have considered how gain of an amplifier is calculated by going through some examples together, you may then be asked to do some more on your own or in small groups, then you may build some circuits which use them, finishing in writing a report on what you have done.

Each unit is made up generally of 3 or 4 assignments spread over the year, but remember you may get some overlap between subjects, so you may be working on a couple of assignments at a time.

We do expect you to work independently whilst you are not at college, as it is a full-time course.

Your grade will be based on these assignments, so there's no "final exam".

HOW YOU CAN PROGRESS AFTER L3:

Learners who successfully complete their course will have the opportunity to progress to either a degree, a full-time job (generally at a technician level), or an apprenticeship.

All these options are discussed with you in the second year of your course, with support and guidance to help you ultimately get where you want to get to.

Hopefully this helps to answer some of the questions you may have about studying electronics at The College. We look forward to meeting you in September.