

## Introduction to Electrical (inc NPA Engineering) (Level 5)

Edinburgh College

### Venues

Midlothian Campus

### Content

This course is designed for those interested in pursuing a career in the electrical engineering industry. During the course, you will gain a broad understanding of electrical engineering including an introduction to Electrical Principles, Electrical Installation Fundamentals, Mathematics, IT and Electrical Hand Skills.

The units you will study are designed to support your progression to further studies in this area. This course can also lead to our Electrical Engineering NC Higher, which can lead to our Electrical Engineering HNC. This course can also prepare you for an apprenticeship in installation or maintenance.

Content includes:

Introduction to Electrical Principles; Introduction to Fundamental Electrical Systems; Introduction to Electrical Wiring Skills; Introduction to Electrical Testing and Measurement; Electrical Health and Safety; Digital Electronics; Mathematics; Intro to Engineering: Using IT; Introductory Soldering and Circuit Assembly.

### Start Date

August, January

### Qualification

Other

### Study Method

Full time

### Course Length

1 year

### Department

Electrical Engineering

### Entry Requirements

National 4 Maths or Physics (Applications of Maths not accepted)

### SCQF Level

5

### SCQF Points

«SCQFPoints»

### Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

### Address

«Address»

### Website

[www.edinburghcollege.ac.uk](http://www.edinburghcollege.ac.uk)