

## Electrical Engineering (Level 6)

West Lothian College

### Content

The course is aimed at those wanting to study electrical engineering at a more advanced level and gain employment as an electrical technician with organisations such as manufacturers or utility companies.

The course provides those essential skills needed, such as how to inspect and test an electrical system by using the latest test equipment and the ability to fully understand and analyse the performance of the system. If the system has electrical machines and motors, then you'll learn about those as well. Electronics and transformers are also covered to enable you to work with power supplies units and to further enhance what will be a great set of skills to see you well on your way to becoming an electrical technician.

The course includes:

Electrical systems including DC systems; Single and three-phase AC circuits; Electrical analytical techniques; Electrical machines; Complex circuit analysis; Mathematics.

### Start Date

August

### Qualification

NQ

### Study Method

Full time

### Course Length

1 year

### Department

Electrical Engineering

### Entry Requirements

3 subjects at National 5 including Maths. Interview. Pre-entry tests.

### SCQF Level

6

### SCQF Points

«SCQFPoints»

## Progression Routes

Successful applicants can move onto an apprenticeship or to higher education with the aim of becoming an electrical engineer

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Almondvale Crescent  
Livingston  
West Lothian  
EH54 7EP

## Website

[www.west-lothian.ac.uk](http://www.west-lothian.ac.uk)