

# Introduction to the Emerging Technology Sector

West Lothian College

## Content

This course will provide students with an introduction to some of the emerging technologies across various sectors within the Computing, Engineering and Built Environment faculty.

The course will have a focus on emerging technologies that are being developed to help achieve sustainability and net zero targets. As the world moves to a more sustainable way of living, having a good understanding of these technologies will not only showcase to you the emerging labour markets in this area, but also on a personal level what can be done to help achieve a more sustainable world.

The course will include looking at electric and hybrid vehicles and alternative fuel source for the transport industry, it will also include engineering topics around the emerging technologies including PV solar energy and modern materials used in manufacturing. The course will also provide practical skills in construction looking at how homes are made energy efficient from insulation to how homes are heated.

## Start Date

August

## Qualification

Other

## Study Method

Full time

## Course Length

18 weeks

## Department

Construction and Civil Engineering

## Entry Requirements

National 3 Maths. Interview.

## SCQF Level

4

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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## Website

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