

# Engineering Systems

West Lothian College

## Content

This course is the stepping stone to an exciting career in engineering. You will study a variety of engineering subjects that include mechanical, systems, and renewables. This will provide you with the practical and analytical skills required for progression in the engineering industry or university level courses.

The course covers:

Engineering drawing including CAD and Inventor; Engineering Materials and their properties; Dynamics Thermofluids; Statics; Engineering Maths; Renewable Energy; System Engineering; Electrical , Mechanical and Electromechanical Systems; Pneumatics and hydraulics Systems; Programmable Logic Controllers.

## Start Date

August

## Qualification

HNC

## Study Method

Full time

## Course Length

1 year

## Department

Engineering

## Entry Requirements

2 relevant Highers, or Higher Maths or Physics, or relevant Foundation Apprenticeship, or relevant NC at SCQF Level 6, or other relevant national qualifications at SCQF Level 6. Interview and written test.

## SCQF Level

7

## SCQF Points

«SCQFPoints»

## Progression Routes

Relevant HND; 2nd year entry to Engineering degree courses at Edinburgh Napier University

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Almondvale Crescent  
Livingston  
West Lothian  
EH54 7EP

## Website

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