

# Mechanical Engineering

Edinburgh College

## Venues

Midlothian Campus

## Content

This course is designed to make sure you meet the varied needs of the industry. The aim of this HNC is to provide you with practical skills in advanced theories of mechanical engineering systems using the latest simulation and design software. You will study a variety of technical subjects including Statics and Strength of Materials, Materials Selection, Thermofluids and Computer-Aided Design (CAD).

The subjects will be taught at a high level and will allow you to develop transferable skills which are essential for your future engineering career.

What you will learn:

Information technology: application software 1; Statics and strength of materials; Engineering drawing; Materials selection; Dynamics; Pneumatics and hydraulics; Engineering mathematics 1; Thermofluids; Engineering principles; Mechanical engineering: graded unit 1; Engineering measurement; Quality management: an introduction; Computer aided draughting for engineers; Engineering mathematics 2; Communication: practical skills.

## Start Date

August

## Qualification

HNC

## Study Method

Full time

## Course Length

1 year

## Department

Engineering

## Entry Requirements

Higher Maths and preferably Physics or another science or technological subject; or NC Engineering Systems; or other

relevant national qualifications at SCQF Level 6. You may be invited to attend interview and sit an aptitude test.

### SCQF Level

7

### SCQF Points

«SCQFPoints»

### Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

### Address

«Address»

### Website

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