

## Engineering Systems

University of the Highlands and Islands (UHI)

### Venues

UHI North, West and Hebrides  
UHI Perth

### Content

This multidisciplinary course consists of a range of mechanical, electrical and systems units and is designed for maximum flexibility and develops the knowledge and skills gained from the HNC Engineering Systems.

Mandatory units are:

Business awareness and continuing professional development; Design for manufacture; Engineering systems analysis: system modelling and control; Engineering systems: graded unit 2; Engineering: practical skills; Mathematics for engineering 2; Principles of safe engineering systems; Project management: managing the implementation of a project.

Optional units may include:

Fundamentals of control systems and transducers; Quality management: an introduction; Sequential logic; Single phase AC circuits; Three phase systems; Heat transfer and fluid mechanics; Power electronics; Renewable energy store: hydrogen; Renewable energy systems: technology; Renewable energy systems: wind power; Renewable energy systems: wave and tidal energy; Mathematics for engineering 3.

### Start Date

September

### Qualification

HND

### Study Method

Full time

### UCAS Code

056H

### Course Length

1 year

### Department

Engineering, Construction and Technology

## Entry Requirements

HNC Engineering Systems

## SCQF Level

8

## SCQF Points

«SCQFPoints»

## Progression Routes

Relevant degree programme

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

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Inverness  
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## Website

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