

## Engineering Systems

UHI Orkney

### Venues

Kirkwall

### Content

The HNC Engineering Systems will give you the required technical training to be a technician in design, research, development and service support activities in engineering, manufacturing and consultancy.

You may also be able to use the HNC as a spring-board into the second year of our engineering degrees, including: BEng (Hons) Electrical and Electronic Engineering; BEng (Hons) Electrical and Mechanical Engineering; BEng (Hons) Mechanical Engineering; or BEng (Hons) Energy Engineering.

Mandatory units are:

Communication: practical skills; Engineering communication; Engineering measurement and system monitoring; Engineering systems: graded unit 1; Mathematics for engineering 1: mechanical and manufacturing; Principles of engineering systems.

Option units may include:

Engineering: practical skills; Computer aided draughting for engineers; Materials selection; Mathematics for engineering 2; Thermofluids; Digital electronics; Electronic construction skills; Engineering principles; Analogue electronic principles; Applications of programmable logic controllers; Combinational logic; Renewable energy systems: overview of energy use; Dynamics; Electrical engineering principles 1; Pneumatics and hydraulics; Statics and strengths of materials; High level software; DC and AC principles.

Part time day release is available.

### Start Date

September, January

### Qualification

HNC

### Study Method

Full time

### Course Length

1 year

### Department

Engineering, Construction and Technology

## Entry Requirements

Higher Maths or Physics; or Foundation Apprenticeship Engineering; or a relevant NC or NQ at SCQF Level 6. You may be asked to attend for interview.

## SCQF Level

7

## SCQF Points

«SCQFPoints»

## Progression Routes

HND Engineering Systems

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

School Place  
Kirkwall  
Orkney  
KW15 1NY

## Website

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