Engineering Systems

University of the Highlands and Islands (UHI)

Venues

UHI Moray
UHI North, West and Hebrides
UHI Orkney
UHI Perth

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.

Start Date

September, January

Qualification

HNC

Study Method

Full time

UCAS Code

356H

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

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Website

www.uhi.ac.uk