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

Part time (day)
Part time (evening)

Course Length

2 years

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.orkney.uhi.ac.uk/