Engineering Systems

UHI North, West and Hebrides

Venues

Stornoway
Thurso

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»

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