

Engineering Systems

Moray College UHI

Venues

Main campus

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.

Modules:

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

Part time (day)

Course Length

2 years

Department

Energy, Engineering and Construction

Entry Requirements

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

SCQF Level

7

SCQF Points

«SCQFPoints»

Progression Routes

Relevant HND

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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Website

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