

HNC Electrical and Electronic Engineering



In a nutshell

Our Electrical Engineering HNC Level 4 is delivered in collaboration with University of South Wales (USW) and you will be graduated from University of South Wales after successful completion of this course.

The course provides a thorough grounding in the key concepts and practical skills required in the sector. Nationally recognised by employers, the course also allows for further study at degree level and beyond.

The programme is designed in consultation with industry, and intended to link local industry as much as possible, both in its content and in the mode of attendance.

The aim is to produce a highly qualified and knowledgeable engineers who can meet the requirements of industry. This is a specialist vocational programme with a strong work-related emphasis.

This course is for...

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COURSE INFORMATION LEAFLET

- ... gaining a career in Electrical Engineering
- ... those who prefer vocational, hands-on courses
- ... anyone who would like to study further in engineering
- ... taking the next step in your career in the Engineering sector

Course content

The course provides a thorough grounding in the key concepts and practical skills required in the sector.

You will study units including:

Year 1

Electrical Technology
Engineering Mathematics
Analogue & Digital Systems

Year 2

Robotics and PLC's
Industrial Project
Concepts of Instrumentations

You will learn through a mixture of lectures, tutorials, practical sessions and end of year exams.

Learners will be assessed via coursework and examination.

Entry Requirements

You would usually need at least one of the following:

A relevant BTEC Level 3 profile of Merit/Merit

CC at A Level

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COURSE INFORMATION LEAFLET

CC grades at A Level plus C in Welsh Bacallaureate

Access to HE where you have achieved a Pass Diploma with 45 passes in an Engineering background

Plus: GCSE passes in three subjects at grade C or above to include Maths and English.

Additional information

You can progress onto a HND Engineering or a related Foundation Degree.

Employment opportunities can be found in a wide range of organisations from multinational firms to local companies. There are many exciting career options including:

- Broadcast Engineer
- Electrical Engineer
- Control and Instrumentation Engineer
- Electronics Engineer
- Manufacturing Systems Engineer

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