

## HND Electrical and Electronic Engineering



### In a nutshell

As the electronics industry continues to grow worldwide, the demand for knowledge and skills within electronic engineering is high. If you're working in the field and want to take the next step in your career, this part time course will help develop your capabilities.

### This course is for...

...you want to further your expertise and prospects in electronics

...you are looking to take the next step in your career in this industry

### Course content

There's a mixture of theory (lectures and tutorials) and practice (practical workshops) through core modules in electronics, electrical principles, control and instrumentation, PLCs and mathematics and optional modules including data communications and networks, power engineering and C programming for hardware applications.



# COURSE INFORMATION LEAFLET

A project in the second part of the course develops your group working skills and you will produce a working artefact to display in the engineering showcase event.

The course is delivered through a range of lectures, tutorials and practical workshops.

## Assessment

Learners will be assessed via assignments, coursework and class tests, as well as preparing and delivering presentations to develop your communication skills.

## Entry Requirements

You would usually need at least one of the following:

A relevant BTEC Level 3 profile of Merit/Merit

DD at A Level

DE grades at A Level plus C in Welsh Baccalaureate

Access to HE where you have achieved a Pass Diploma with 45 Passes

Plus: GCSE passes in three subjects at grade C or above to include maths and English Language (or equivalent). Mature students with relevant industry experience who do not meet the academic qualifications will be considered individually via interview.

## Additional information

Upon completion, you can top up your qualification to a full BSc (Hons) degree with additional part time study.

The course will prepare you for a career within:

electronics

computing

electrical engineering

communications

control systems and embedded systems

It also gives you the knowledge, practical skills, experience and confidence to study for an honours degree in Electrical and Electronic Engineering.

Apply online at [www.coleggwent.ac.uk](http://www.coleggwent.ac.uk)

[studentrecruitment@colegwent.ac.uk](mailto:studentrecruitment@colegwent.ac.uk) | 01495 333777 (Croesawn alwadau yn Gymraeg)

