Engineering
(Electrical & Mechanical)

The College has close ties with industry to ensure it provides the very best training, with excellent facilities and engineering and electronics workshops. The Centre of Excellence for Advanced Technology offers some of the most sophisticated training available in the areas of electronics, telecommunications and computer-aided design.

Engineering (Electrical/Electronic)

Edexcel BTEC Higher National Certificate

Duration of study
1 day and evening per week for 2 years

Start date
September

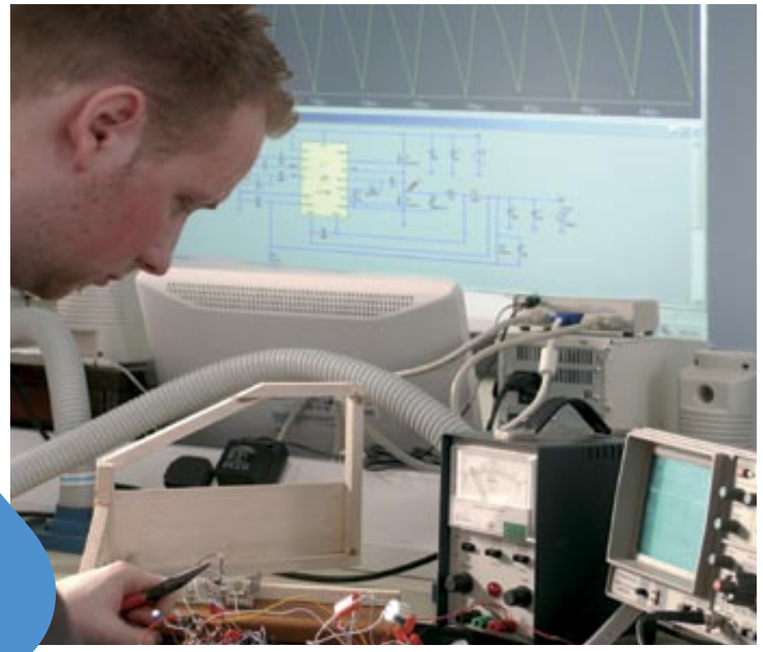
Entry requirements
National Certificate or Diploma in an associated subject or some industrial experience.

How will I study?
The Higher National Certificate in Engineering offers 3 pathways of study to match your particular needs and career progression. These include electronic, power and control and communications pathways.

Each of these 3 pathways consists of 10 units of study some of which are core units while others are optional, designed to follow a particular discipline. An example of units includes analytical methods, business and management, engineering design, microprocessor systems, electronics and radio communications engineering.

How am I assessed?
Assessment is via a range of methods that include practical assignments, projects, case studies and examinations.

What can I do after the course?
Successful completion of the Higher National Certificate in Engineering will enhance career prospects as technicians in a variety of fields such as, electronic manufacture, computer aided design, simulation maintenance and fault diagnosis, design and development. Learners can also progress onto Degree level study in an associated subject.



Mechanical Manufacture

Edexcel BTEC Higher National Certificate

Duration of study
1 day and 1 evening per week for 2 years

Start date
September

Entry requirements
National Certificate in a relevant subject or industrial experience.

Mature students with suitable industrial experience may also be considered.

How will I study?
The course will develop your knowledge and skills acquired in the workplace. Typical units of study include engineering science, mechanical principles, analytical methods, manufacturing processes, CAD systems, quality assurance, management techniques and engineering design.

How am I assessed?
You are assessed through a series of assignments, both open and time constrained. All assessed work reflects the practical nature of the course and relevant to the requirements of the industry.

What can I do after the course?
The Higher National Certificate allows progression to both managerial and technical positions within engineering, particularly as process/product engineers. The qualification will also open the opportunity to study at Degree level.

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