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# OCR Level 3 Technical Level Diploma in Engineering (Mechanical)

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## What is the course about?

This qualification will develop skills and knowledge required by the local engineering industries. The 12 unit qualification is delivered over two years. A further third year of study of an extra six units can be used as entry into UK universities. The course is broken down into two categories;

Diploma in Engineering – 12 units, years 1 & 2. (Possible employment)

Extended Diploma in engineering – 18 units, year 3. (University pathway)

## What are the entry requirements?

GCSE Grade C's in Mathematics, Science, English and one other.

## What Subjects will I study?

- Mathematics for Engineering (mandatory)
- Science for Engineering (mandatory)
- Principles of Mechanical Engineering (mandatory)
- Principles of Electronic and Electrical Engineering (mandatory)
- Computer Aided Design
- Materials Science
- Mechanical Operations
- Computer Aided Manufacture
- Mechanical Design
- Maintenance
- Business
- Mechanical Design

## How will I be assessed?

The four mandatory units will be assessed by external examinations.

All other units will be assessed by an end of unit assignment.

## What are my progression and career options?

University, HNC, apprenticeship with local industry.

## Who should I contact?

For further information or to arrange a personal visit to the College, please contact the Engineering Programme Area Secretary, Tel. 648300.