

Our new qualification in Engineering will provide learners with the underpinning knowledge, understanding and skills associated with Engineering. Learners will explore the role of Engineering and its impact on society and the world at the same time as developing their knowledge, understanding and skills in fundamental Engineering principles such as measurement and instrumentation, health and safety, technical drawing and CAD.

The qualification will offer exciting and interesting experiences that focus on applied learning. Learners will develop and refine their practical skills through engaging in a range of practical making activities tailored to their skills and interests, as well as having the opportunity to research, analyse, and evaluate their own and others' engineering achievements.

## Entry requirements

To study this course you will need 5 GCSEs at grades 4-9 or the equivalent.

## Course Content

During the two year course students will study **three** compulsory units :

- ◆ Engineering principles
- ◆ Engineering processes
- ◆ Product design and manufacture

Students will study either

- ◆ Computer Aided Design in the Engineering Sector or
- ◆ Work Experience in the Engineering Sector

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# Level 3 Engineering



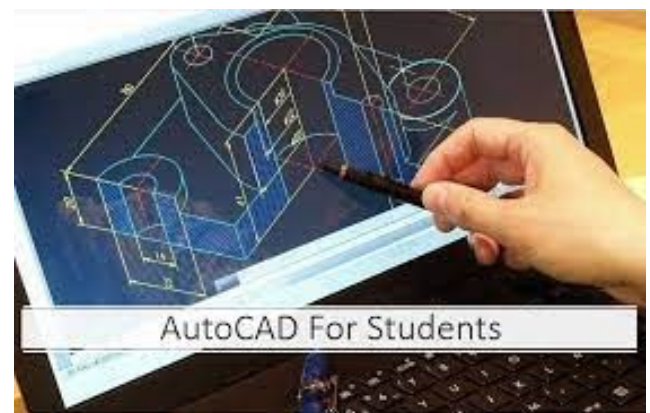
## Assessment

Assessment will be through internally marked assignments and practical activities as well as external examinations.

Students can achieve Pass, Merit or Distinction grading on each unit. The final grade is an aggregate of all the unit grades to give an overall grade of Pass, Merit, Distinction or Distinction\*.

## Approach to Teaching and Learning

- ◆ Lectures
- ◆ Group and pair work
- ◆ Class discussion
- ◆ Individual Reviews
- ◆ Practical tasks
- ◆ Individual research
- ◆ Work based visits



## Future Prospects

Students will be able to progress onto many university degree courses leading to careers in different types of engineering such as civil engineering, chemical engineering and design engineering.

