

WHY CHOOSE LEVEL 1/2 VOCATIONAL AWARD IN ENGINEERING?



Do you ever look around your home and think of handy products that could improve people's lives or get inspired by the amazing feats of engineering all around you? Are you creative, and want to start building the skills you need for a successful career in the industry?

If so, it's time to uncover your potential – find out more about this exciting qualification today!

WHAT WILL I STUDY?

This qualification is made up of 3 units:

Unit 1: Manufacturing engineering products

- Have the opportunity to interpret different types of engineering information in order to plan how to manufacture engineering products.
- Develop knowledge, understanding and skills in using a range of engineering tools and equipment in order to manufacture and test a final product.

Unit 2: Designing engineering products

- Explore how an engineered product is adapted and improved over time. It offers the opportunity to apply your knowledge and understanding to adapt an existing component, element or part of the product that you will have manufactured for Unit 1.

Unit 3: Solving engineering problems

- Introduced to a range of considerations that impact on engineering design and how modern engineering has had an impact on modern day life at home, work and in society in general.

HOW WILL I BE ASSESSED?

You will be assessed through a mixture of exams and project work. Unit 1 will involve producing a manufacturing product, which will be worth 40% of the qualification. This can range from a basic hand tool to complex machinery. The product will need to be developed over 20 hours.

Unit 2 will also be assessed through project work and will be worth 20% of the qualification. Here you will apply your problem-solving skills to answer a brief and produce a solution. You will produce your solution over 10 hours.

Unit 3 will involve a single exam, which is worth 40% of your qualification. The exam will last 1 hour and 30 minutes. The exam will be made up of multiple-choice questions, and short and extended answers.

WHAT SKILLS WILL I DEVELOP?

You will develop a range of skills which are attractive to employers, colleges and universities including:

- Communication
- Critical thinking
- Learning independently
- Research
- Taking on responsibility
- Time management

CAREERS WITH ENGINEERING?

There are a wide range of opportunities within the field of engineering, for example:

- Aerospace engineer
- Biomedical engineer
- Civil/structural engineer
- Computer engineer
- Electrical/electronic engineer
- Environmental engineer
- Marine engineer
- Mechanical engineer
- Product engineer

**FIND OUT MORE:
TALK TO YOUR TEACHER TODAY!**

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