



STEM Pathway

Students can choose from the following courses:
**Biology, Chemistry, Maths, Physics,
Psychology, and Engineering.**

Complementary subjects:
Geography, Languages, Psychology and Sociology.

Level 3 Engineering The STEM Pathway

Why study Engineering?

This course is aimed at students who have an enthusiasm for problem solving and designing using electronic components, and an interest in how this can be applied to real world problems.

Engineering is a major aspect of everything we use in the modern world, and there are a broad range of opportunities to use these skills in the workplace.

The course aims to equip students with the skills to enable them to move into an engineering workplace or move onto university.

What does the course involve?

There are six units :

- Mathematics for Engineering
- Science for Engineering
- Principles of Mechanical Engineering
- Principles of Electrical Engineering
- Electrical and Electronic Design
- Computer Aided Design

What can the qualification lead to?

Preparing you for the world of work or university. Engineering of all types is offered by universities. Career opportunities: Electrical engineer, Mechanical Engineer, Structural engineer, Manufacturing, Aeronautical Engineering

Who is it for?

People who want to study a practical subject that can lead to a world of opportunities.