

Technology: Engineering (BTEC)

Head of Faculty: Mrs S Taylor

Examination Board: Edexcel

The BTEC Technology Award in Engineering is a vocational qualification which will give you the knowledge and skills required in the engineering sector through a combination of practical and theory. Engineers of all kinds share many skills - those used for design, development, manufacturing, application of products, mechanics, systems and planning. The common knowledge contained in this course is applicable to many engineering fields.

What will I learn on this course?

You will develop the knowledge and skills required in the engineering sector through a combination of practical and theory.

What are the mandatory modules or units – what will I have to study?

Component 1: Exploring engineering sectors and design applications. Learners will explore the links between various engineering sectors and the role of design in the production of engineering products.

Component 2: Investigating an engineering product. Learners will investigate the selection of materials, proprietary components, making processes and disassembly of a given engineering product. They will plan, reproduce and test a single component.

Component 3: Learners will investigate and create solutions to problems in response to given engineering briefs.