



Engineering



St. Wilfrid's
R.C. College





Engineering

Assessment



Assessment is specifically designed to fit the purpose and objective of the qualification. It includes a range of assessment types and styles suited to vocational qualifications in the sector. There are three main forms of assessment that you need to be aware of: external, internal and synoptic.

Externally-assessed units



Each external assessment for a BTEC National is linked to a specific unit. All of the units developed for external assessment are of 90 or 120 GLH to allow learners to demonstrate breadth and depth of achievement. Each assessment is taken under specified conditions, then marked by Pearson and a grade awarded. Learners must achieve all external units at pass grade or above. Learners are permitted to resit any external assessment only once during their programme.

The styles of external assessment used for qualifications in the Engineering suite are:

- examinations – all learners take the same assessment at the same time, normally with a written outcome
- set tasks – learners take the assessment during a defined window and demonstrate understanding through completion of a vocational task.

COURSE OUTLINE

EXTERNAL ASSESSMENT

Unit	Type
Unit 1: Engineering Principles 	<ul style="list-style-type: none"> • Written exam set and marked by Pearson. • Two hours. • 80 marks.
Unit 3: Engineering Product Design and Manufacture 	<ul style="list-style-type: none"> • A task set and marked by Pearson and completed under supervised conditions. • Prior to the supervised assessment, learners will be provided with a case study in order to carry out research in approximately 3 hours in a two week period timetabled by Pearson. • The supervised assessment period is 10 hours and can be arranged over a three-week period timetabled by Pearson. • Written submission. • 60 marks.



St. Wilfrid's
R.C. College



COURSE OUTLINE

Internally Assessed Coursework



UNIT 2: DELIVERY OF ENGINEERING PROCESSES SAFELY AS A TEAM

Learners explore how processes are undertaken by teams to create engineered products or to deliver engineering services safely. Then examine how they might build and create products within their own teams and the processes used.



UNIT 9 WORK EXPERIENCE IN THE ENGINEERING SECTOR

Learners set up, arrange, and explore avenues of employment they might be interested in pursuing a career in. Enabling networking and building contacts within the industry for the future whilst also building important communication skills.



St. Wilfrid's
R.C. College

“I loved getting to use some of the bigger equipment and get to be more independent as we didn't get to do that in lessons before.”

“I didn't think I would enjoy the work experience part but since I chose and organised it I got a chance to see what it would be like to do the type of job I'm interested in.”



St. Wilfrid's
R.C. College

Why study Engineering at St Wilfrid's?

- 2021 100% Pass rate
- Average grade: Distinction
- Large facilities with access to many pieces of engineering equipment, including Lathe, Vertical Mill, Laser Cutter, Forge, Spot/Mig Welder along with many others
- Great opportunities for employment or further study once complete.



Entrance Requirements

→ GCSE Maths
and English

→ BTEC
Engineering
Level 2 or
GCSE DT

Manufacturing as a Team
ENGINEERING (BTEC – Level 3).