



BTEC Tech Award Level 2 in Construction and the Built Environment

Head of Faculty: Mr A Ashter

Email: A.Ashter@barnwell.herts.sch.uk

Why study BTEC Level 2 First Award in Construction and the Built Environment?

The construction industry makes up a large part of the UK economy and many companies within it are looking to recruit young people who have a broad knowledge and understanding of the construction industry. These students also need to be willing to develop skills and be eager to continue their learning within a wide range of junior roles across the workforce.

What does the course involve?

This course has been developed to provide an introduction to the construction industry; it includes both theory and practical work. The 2 core units form the fundamental knowledge, skills and understanding of construction technology and design; the mandatory unit assesses additional knowledge, understanding and skills that are essential to the construction sector. The final unit is selected from the practical work students undertake in carpentry and joinery, bricklaying or painting and decorating.

Core Units:

Unit 1 - Construction Technology – This unit covers the different forms of construction that can be used for low-rise construction and homes. Students will develop an understanding of the structural performance required for low-rise construction and explore how substructures and superstructures, roofs, floors, foundations and other aspects of building are constructed and used. (Externally assessed)

Unit 2 - Construction in Practice – In this unit students will develop a broad understanding of the use of woodworking tools, Health and Safety and Risk Assessment. Students will undertake an assessed practical set by the exam board and produce an accurate wooden outcome demonstrating a range of woodworking skills.

Unit 3 – Construction and Design – In this unit students Learners will gain an understanding of clients' needs and develop skills in producing building design briefs and sketches that consider construction constraints. Students will learn how houses are designed to fit a client brief and then create a range of designs to suit a given client.

How will I be assessed?

Students will be required to complete both practical, written and examination tasks to demonstrate their ability and understanding of the construction industry. Most of the course will be internally assessed by the teaching staff and a sample of students' work will be selected by the examination board. For unit(s) where there are external assessment(s) there will be a 90-minute-long examination under controlled conditions.

Additional Information

Students will be expected to take part in theory and practical activities as well as follow health & safety rules and wear appropriate protective equipment when required.

This is **not a practical course**. There is only one practical unit which will be completed in February of year 10, after this all work is examination and paper based. Theory work for the examination will be taught throughout year 10 and 11.