



SUBJECT & QUALIFICATION: Eduqas level 1/2 Tech Award

Construction

Why is the study of Construction important?

The built environment sector is a very diverse sector covering an extremely wide range of occupations from handyman services to major infrastructure projects. 1 According to the UK Standard Industrial Classification of Economic Activities (2007), the construction industry, including building services occupations, involves general and allied construction activities for buildings and civil engineering works. In addition to the erection of buildings and structures, these works also include repairing and renovating. 2The sector is expansive, comprising 10% of the UK economy. However, only a third of employers in the construction sector believe that there is a talent pool sufficient to meet the industry's needs. This is despite construction being considered an increasingly attractive industry to young people, and despite there being more and more young people who are actively considering a career in construction. There are many employment opportunities in the construction industry and the demand for workers is not currently being met; in 2018, more than two fifths of employers said that they had tried to recruit skilled workers and of those, nearly half had difficulties filling the positions. The wide and diverse range of careers in construction include manual and professional occupations, and many require further education and training either through apprenticeships or further and higher education.

What skills will the study of Construction teach you?

You will study two mandatory units, covering the fundamental knowledge, skills and understanding required construction technology and design:

- Construction industry
- Constructing the built environment

This unit consists of Brickwork, joinery and Tiling.



What will you know and understand from your study of Construction ?

Outwood Academy hemsworth we study the practical route with the focus on unit 1 and unit 3.

Unit	Title	assessment	GLH
1	Introduction to the Built Environment	External	48
2	Designing the Built Environment	Internal	72
3	Constructing the Built Environment	Internal	72

How are you assessed in Construction?

You will carry out tasks/assignments throughout the course. Your teacher will mark these, and so you will receive feedback as to how you are getting on. The assessment for Unit 1: Introduction to the built environment, is a test which is sent away to be marked.

Unit 1 is mandatory, and Unit 2 and Unit 3 are optional units from which centres will choose one:

This is a unitised qualification through which there are two routes. Learners must follow one route and study two units.

Key Assessment Objectives

Unit 1: Introduction to the Built Environment

On-screen examination: 1 hour 30 minutes

40% of qualification

80 marks



OPEN ELEMENT SUBJECT OVERVIEW

Unit 2 : Designing the Built Environment

Questions requiring objective responses, short and extended answers, based around applied situations. Learners may be required to use stimulus material to respond to questions.

Unit 3: Constructing the Built Environment

Controlled assessment: 30 hours

60% of qualification

120 marks

An assignment brief will be provided by WJEC that will include a scenario and several tasks available via the WJEC Secure Website.

How can Construction support your future?

The study of Construction can lead to a wide range of careers. This course is a fantastic foundation for developing skills that you can take with you into a wide range of careers. It aims to give you an understanding of the workings of the Construction industry. This curriculum pathway can lead to a full range of education and training at Post 16 level.

Study of Construction can lead to a wide range of careers:

Studying Construction is especially favoured by employers as students are equipped with the necessary basic skills in Construction.

Careers include:

- Site operative
- Architecture
- Quantity Surveying
- Site management
- Architectural technician



Construction Course Overview

Term	Year 1	Year 2
Autumn 1	Skills building joinery Exam preparation unit 1 1.8 health and safety	Joinery assessment Joinery portfolio work Exam prep unit 1 1.4 technologies and materials
Autumn 2	Skills building joinery Exam preparation unit 1 1.2 the built environment lifecycle	Joinery assessment Joinery portfolio work Exam prep unit 1 1.5 Buildings and structural forms
Spring 1	Skills building Brickwork Exam preparation unit 1 1.1 the construction sector	Brick assessment Brickwork portfolio work Exam revision
Spring 2	Skills building Brickwork Exam preparation unit 1 1.3 Types of buildings and structures	Tiling assessment Tiling portfolio work Exam revision
Summer 1	Skills building Brickwork Exam preparation unit 1 1.7 Trades employment and careers	Coursework consolidation Exam preparation
Summer 2	Skills building Tiling Exam preparation unit 1 1.6 sustainable construction methods	Exam preparation