

## **EDUQAS - DESIGNING THE BUILT ENVIRONMENT: LEVEL 1/2 AWARD**

9820

For more information please click [here](#)

The WJEC Eduqas GCSE 'Designing The Built Environment' specification is designed to give learners a broad and balanced experience of careers within the built environment such as architecture, surveying, project management, structural and civil engineering.

The course is made up of and assessed on three units:

<b>WJEC Level 1/2 Vocational Award in Designing the Built Environment</b>			
<b>Unit Number</b>	<b>Unit Title</b>	<b>Assessment</b>	<b>GLH</b>
9821	Planning potential of construction projects	External	30
9822	Drawing construction plans	Internal	60
9823	Building structures and materials	Internal	30

### **Unit 1**

The purpose of this unit is for learners to develop the skills needed to report on the potential of a proposed construction project.

Through this unit you will learn about the planning process. You will learn about how land and buildings have different levels of protection that can affect any development plans. You will also learn about the important things that need to be considered to get planning permission for a development project. You will learn about the infrastructure of an area and gain understanding of both the limitations and opportunities that this can have on planned developments. Through the development of communication skills, you will learn how to use your knowledge and understanding to report on the feasibility of a proposed construction development project.

### **Unit 2**

The purpose of this unit is for learners to develop the skills needed to use computer software to present drawings of construction designs.

Through this unit you will learn how to draw building designs. Pupils will develop drafting skills as well as skills to use computer software. Pupils will develop and apply mathematical techniques to ensure that your proposed building is fit for purpose. Pupils will learn to put all of this together in a way that presents to a client what the building design will look like.

### **Unit 3**

The purpose of this synoptic unit is for learners to draw on their learning related to planning potential and design of construction projects and new learning from this unit, to review options for the structures and materials need to realise construction projects.

Through this unit you will learn about different types of materials and structures that are used in buildings. You will learn about the factors that need to be considered to make the right choices. You will also learn about sustainable materials and processes used in construction and the effect they have on the operation of a building. Together with your learning from planning potential and design of construction projects, you will be able to review options and select the best one to take for a specific construction project.

***This subject leads to Level 3 DEC, A Level Product Design or Graphic Products at ag6.***