

## **BTEC Level 3 Construction & the Built Environment**

### **Pre-enrolment Assignment**

#### **Task 1**

In preparation for the BTEC Level 3 in Construction and the Built Environment we would like you to complete a small written assignment.

This work should be completed and handed in for review at the start of your induction week in September.

The assignment needs to:

- be 400-500 words (about two sides of A4 including some images)
- be typed please (size 12 Ariel font)
- contain an introduction
- include your name
- include referencing to further reading (state the book/website/journal you found your information)

The assignment question is:

#### **How does construction design shape culture? Or how does culture shape construction design?**

Please include some examples (please include images) of designs and/or designers that you may wish to support your views.

You can look at any type of building structure.

You can consider the aesthetics or the materials used or the purpose of the building.

## Task 2

Research the following technical role in construction and provide a statement for each with regards to their **day-to-day role and activities**:

- Architect
- Health and Safety officer
- Land surveyor
- Services engineer
- Quantity surveyor
- Site manager

## Task 3

Employees in technical construction roles will need to have a wide range of attributes in addition to construction knowledge.

Produce a mind-map of the **attributes**, employers will value in these roles.

## Task 4

We would like you to reflect on the work done during the first 3 tasks and produce **detailed** answers to the following questions:

Were the strategies, skills, and procedures I used effective for this assignment project?

Do I see any patterns in how I approached my work – such as following an outline, keeping to deadlines, meeting requirements?

## **BTEC Level 3 Construction & the Built Environment**

### **Progression Assignment**

#### **Task 1**

In preparation for the BTEC Level 3 Extended Diploma in Construction and the Built Environment we would like you to complete a small written assignment.

This work should be completed and handed in for review at the start of your induction week in September.

The assignment needs to:

- be 600-800 words (about three sides of A4 including some images on proposals)
- be typed please (size 12 Ariel font)
- contain an introduction
- include your name
- include referencing to further reading (state the book/website/journal you found your information)

The assignment scenario is:

You are working for a design team who are to develop a former Victorian industrial building into accommodation for students at a local university.



Research and discuss the potential issues with regards to the following:

- Construction of the existing building
- Considerations for the change of use
- Investigations to be undertaken prior to design and construction
- Regulations that will need to be followed
- Aesthetics internally and externally

## Task 2

**BIM** is now seen as a major development within construction design. Produce a **hand-out** that identifies its main characteristics and benefits of this system with regards to a scenario such as Olympic stadium in London.

## Task 3

You have had an introduction to different technical roles that can be gained through accessing this course. You will be undertaking a work experience placement as part of this year's study. Please identify one technical role that you are most interested in and produce a **detailed reflective account** based on the following criteria:

- Why does this role interest me?
- What current skills/attributes do I currently have that would be valuable in this role?
- What skills/attributes do I need to develop to be successful in this role?
- What steps should I take, or resources should I use to meet the challenges of this role?