



# BTEC LEVEL 3 CONSTRUCTION AND THE BUILT ENVIRONMENT





# COURSE OVERVIEW

This course is aimed at those interested in a career in the Professional Design, Surveying or management side of the Construction Industry including:

Civil Engineering

Architecture

Site Management

Quantity Surveying

Building Surveying



# COURSE INFORMATION

- Course Summary

This course will equip you with an excellent understanding of the Construction & Built Environment Sector and is directly equivalent to 3 A levels.

The course provides a wide range of knowledge, experience, skills and abilities, required for professional construction roles. This will give you a solid foundation of construction based knowledge, to build upon and progress for your future.

- Course Entry Requirements

Essential:

5 GCSEs at grade A\* - C / 9 - 4 including English, Maths and Science or equivalent.

Desirable:

Appropriate knowledge and / or experience gained at work or some other related qualifications



# WHAT WILL I STUDY?

## • YEAR ONE

- Construction Principles
- Construction Design
- Construction Technology
- Health and Safety in Construction
- Surveying in Construction
- Graphical Detailing in Construction
- Conversion, Adaptation and Maintenance of Buildings

## • YEAR TWO

- Tendering and Estimating
- Building Regulations and Control in Construction
- Management of a Construction Project
- Building Surveying in Construction
- Work Experience
- Quality Control Management
- Planning Application Procedures
- The Housing Industry



# HOW WILL I BE ASSESSED?

You will be assessed continually throughout the course through the following:

- Unit 1 Construction Principles: External assessment by exam
- Unit 2 Construction Design and Unit 3 Tendering and Estimating: Supervised external assessment
- All other units: Internally assessed through assignments (anywhere between 2 to 4 assignments per unit).



# COMMON QUESTIONS

Is the course mainly practical or theory?

*This course is mainly theory with a lot of time spent in the classroom. We use a range of techniques and information to allow the delivery to be interactive and engaging.*

What are the practical elements?

*Through the course, you will learn how to use land and building surveying equipment, carry out different types of surveys, complete work experience, develop hand drawing skills and use of computer based design software.*



# COMMON QUESTIONS

Are we required to carry out work experience?

*Yes. During Year 2 there is a specific work experience unit, where you are required to carry out two weeks work experience in a placement of your choice.*

What real life experience will we gain on this course?

*We will organise trips to local building sites and projects of interest, to allow learners to see how the knowledge they learn, is applied in a real working environment.*

Do I need to know exactly which career path I wish to follow from the start of the course?

*No. This course enables you to learn the variety of units specific to certain professions, as well as studying common units. If you start out thinking Architecture is for you, and decide part way through you would prefer to be a Quantity Surveyor, this is not a problem. You can complete the course and choose your specific profession route when applying for Higher Education.*





# COMMON QUESTIONS

## How is the course delivered?

*We work on a trimester timetable (3 terms), where we study 2 to 3 units per trimester, with either an exam/assessment at the end of the unit, or by assignments completed through the duration of the unit.*

## When will I be at college?

*The full time course requires college attendance for two days per week. The remainder of the week will be used for independent study and/or part time job (preferably within an area of construction to gain experience).*





# WHAT ARE THE OPTIONS FOR PROGRESSION?

Successful completion of this course will enable you to progress to a Degree programme in the following areas:

- Architectural Design
- Civil Engineering
- Construction Management
- Building Surveying
- Quantity Surveying
- Property Development

Alternatively, you can progress to Higher Education on the following programmes:

- HNC Construction in the Built Environment (full time)

or

- Apprenticeship standard (alongside the HNC) in the following area:
  - Design and Building Technician
  - Site Supervisor
  - Quantity Surveying Technician
  - Site Engineering Technician
  - Building Services Engineering Technician