

General Enquiries

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T Level Design, Surveying and Planning - Surveying and Design for Construction and the Built Environment

Location	Stockport College
Course Type	College 16-18
Department	T Level
Start Date	Tuesday 3rd September 2024
Course Code	SFP-BL3T-1100

Course Overview

Stockport College's T Level in Construction: Design, Surveying and Planning is a two-year, technical study programme, designed with employers to give young people the skills required in industry. The study programme will provide a mixture of technical knowledge and skills specific to their chosen industry or occupation and an industry placement of at least 45 days in their chosen industry or occupation.

The course provides the underpinning knowledge for their chosen career pathway, the content of this qualifications has been designed to support progression to particular roles. The qualification content has been designed in consultation with employers, professional bodies and higher-education providers to ensure that the content is appropriate for the progression routes identified.

Students will learn about the following topics:

- Health and safety
- Science
- Measurement
- Building technology
- Information and data
- Digital technology
- Building Information Modelling
- Construction mathematical techniques
- Design
- Construction and the built environment industry
- Sustainability
- Relationship management
- Commercial business
- Project management

Law

Additional content covered for occupational specialisms will also allow you to develop your problem-solving skills whilst working to a client brief. You will have the opportunity to design and develop construction projects whilst working in a collaborative environment.

There is also a large focus on transferable skills which have been identified by the employers identified below. These include:

Applying a logical approach to solving problems, identifying issues and proposing solutions

Communication skills (verbal, body language, group control, positioning)

Creativity

Critical thinking/problem solving-skills

Collaboration skills

Course Requirements

5 GCSE's at grade 4 or above including maths and English Language.

What You Will Learn

This specialist course will also allow you to enhance your broader skills in literacy and numeracy, develop transferable skills in communication (working with real colleagues, customers, and clients) and undertake research and live project development work.

Assessment

Assessment is carried out via a variety of formal methods during your course plus assessments such as external exams, controlled assessments, an employer-led set project, and through practical assignments.

Progression

On successful completion of the course you will be perfectly placed to enter a specialism within the construction field or you may prefer to look at Construction management training.

T Levels will provide you with various progression options. These include skilled employment, apprenticeships and higher education.

Career Options

Civil engineer, construction manager, quantity or technical surveyor, building technician, architect

Mandatory Units

All students will develop a general understanding of construction, including the following:

The science behind building design, surveying and planning

Making accurate & appropriate measurements

Construction methods

Building regulations and standards

Digital engineering techniques

Mathematical techniques to solve construction problems

Construction design principles and processes

The construction industry and its role in the economy

Sustainability and the environmental impact of construction

Contact Details

For further information please contact T: 0161 886 7070 or E: info@trafford.ac.uk

Disclaimer

Although every care has been taken to ensure that the information contained within this document is accurate, there may be changes to this programme and provision. We will endeavour to keep prospective and current students updated where appropriate and when the information becomes available.