

T Level Construction – Design, Surveying & Planning

Subject Area	Construction
Course Type	School Leavers
Study Level	Level 3
Delivery Mode	Full-time
Location	Trinity Green
Duration	2 Academic Years
Start Date	September 2024
Course Code	PA000086

Course Summary

The Level 3 T Level Qualification in Design, Surveying & Planning for Construction will provide students with the knowledge, skills and behaviours needed to progress into skilled employment, an apprenticeship or related technical study through further or higher education.

Including modules in Construction methods, Building Regulations and Standards and Digital Engineering Techniques, this T Level also provides the opportunity to complete 350 hours of relevant work experience which can give you a careers edge and fast track you into the area of work that you are interested in. You will develop a rounded knowledge and relevant set of skills that are favoured amongst employers in this sector.

You'll also learn about the commercial side of construction, such as stakeholder management, business structures and entrepreneurship. The construction industry is constantly evolving and so you'll also dive into the world of digital technology, innovation and sustainability, to understand how the industry will be shaped in the future.

What You Will Learn

The core element of a T Level in Design, Surveying and Planning for Construction will boost your knowledge in a range of topics such as design principles, project management and health and safety.

You'll also learn about the commercial side of construction, including stakeholder management, business structures and entrepreneurship. As the construction industry is always evolving, you'll dive into the world of digital technology, innovation and sustainability, to understand how the industry will be shaped in the future.

Modules

- Health and Safety
- The Science Behind Building Design, Surveying and Planning
- Making Accurate and Appropriate Measurements
- Construction Methods
- Building Regulations and Standards
- Data Management and Information Standards in Construction
- Relationship Management and Customer Service
- How the Internet of Things (IoT) Impacts Construction
- 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
- Business, Commerce and Corporate Social Responsibility
- Project Management
- Budgeting and Resource Allocation
- Procurement
- Risk Management

Specialism: Surveying and Design for Construction and the Built Environment

Entry Requirements

Entry to this course requires grades 5 or above in GCSE English Language, Maths and Science.

Work Experience

Our T Level includes an industry placement with an employer focused on developing the practical and technical skills required for the occupation. These will last a minimum of 315 hours (approximately 45 days) but can last longer.

Progression

Successful completion of this course can lead to progression into employment, further study or higher level study which can include University. Potential careers include:

- Technical Surveyor
- Town Planning Assistant
- Building Control Officer
- Geospatial Technician

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