

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

This course will give you the knowledge, skills and behaviours needed to progress into skilled employment, an apprenticeship, or related technical study through further or higher education. The course includes modules in construction methods, building regulations and standards, and digital engineering techniques. Equivalent to three A-levels, this course will help you boost your employment prospects by gaining extensive experience on a work placement in a real-world environment. You will develop a rounded knowledge and a 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, so you'll also dive into the world of digital technology, innovation and sustainability to understand more about how the industry will be shaped.

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

- Budgeting and Resource Allocation
- Building Regulations and Standards
- Business, Commerce and Corporate Social Responsibility
- Construction Industry and its Role in the Economy
- Construction Design Principles and Processes
- Construction Methods
- Data Management and Information Standards in Construction
- Digital Engineering Techniques
- Health and Safety
- How the Internet of Things (IoT) Impacts Construction
- Making Accurate and Appropriate Measurements
- Mathematical Techniques to Solve Construction Problems
- Procurement
- Project Management
- Relationship Management and Customer Service
- Risk Management
- Sustainability and the Environmental Impact of Construction
- The Science Behind Building Design, Surveying and Planning

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 350 hours (approximately 45 days) but can last longer. We have secured work experience opportunities across a range of national construction companies such as Morgan Sindall,

Balfour Beatty, Bond Bryan Architects and local construction companies such as Edge, Magnus Construction and Simpson Construction, giving a great careers edge and valuable experience to fast track you into work after the course.

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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