

T Level Construction & The Built Environment - Design, Surveying & Planning for Construction

Course Code: MC1TLCBE1

Level: 3

Type: Full Time

02/09/2027 - 23/06/2028 () Cambridge Campus

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2 Year(s)

Need to speak to us about a course?

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Apply Here:

https://www.camre.ac.uk/course/pdf/MC1TLCBE1/

T Levels are the new qualification for 16- to 19-year-olds that follow on from GCSEs and are equivalent to 3 A Levels.
They have been co created by the Government, Industry and Awarding bodies to give you the skills and knowledge required to kickstart you chosen career and leap ahead of the crowd.

The core element of the T Level in Design, Surveying and Planning for Construction will give you knowledge in a range of subjects such as design principles, project management, health and safety, surveying and digital software. You will also learn about the commercial side of construction, including stakeholder management, business structures and entrepreneurship.

The construction industry is changing rapidly to meet the needs of the 21st century with high expectations of sustainability, digital integration and better working relations. new skills in digital technology, innovation, planning and sustainability, to take advantage of this exciting and unique Industry as it moves into the future.

After completion of the core element, you will then follow a specialism designed to support your interests, so you can get a deeper understanding of your chosen subject in real world industry scenarios, building up the skills required for your future job.
The specialist modules in Surveying and Design will enable you to put everything you learn into practice, with a substantial industry placement of around 45 days.
This provides an amazing opportunity to work alongside industry employers while you study, in such disciplines as Construction Management, Civil Engineering or Architectural practice, to gain invaluable experience along with many key skills that employers look for.

Modules include

- The structure of the construction industry.
- How buildings are designed, estimated and constructed.
- How health and safety and site welfare affect the construction industry.
- How sustainability in the construction Industry is embedded with building technology.
- The use of Science and mathematics in construction.
- The use of CADD, Technology including 3D design and graphical detailing to create structural designs.
- A variety of project management methods and techniques.
- Building regulation, property valuation and the conversion of structures.

Industry Placement
The minimum 45 days of industry placement is undertaken in a working environment so you can experience what it is like to be in a real-life job, including travelling to work and working with new people. You will develop an understanding of a broad range of issues relevant to the company and sector you work in. you will gain essential technical and employability skills and knowledge, including a good understanding of the professional standards of behaviour and attitude needed to advance in professional Construction.

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Progression and career opportunities

Following a T Level, there are opportunities to you progress straight into a skilled profession or continue your studies with a HNC/HND or Higher level apprenticeship.
Career options could include:

Architect,
Civil Engineer,
Town Planner,
CAD/BIM Technician,
Quantity Surveyor
Site Engineer
Site Manager
Surveyor. As well as many other professional careers in Design and Construction.

Entry requirements

2 GCSEs at grade 5 in maths and Science .Grade 4 in English Language GCSE and two other Grade 4 GCSEs

In addition to the entry qualifications listed, you will be invited for an interview with a tutor where you can discuss your career plans and have any of your questions answered. The course will be further explained including how the 315 hours of Industry placement will be undertaken as part of the T Level. The offer of a place on the course is subject to the outcomes of initial assessment, which will be taken at the College as part of the admissions process. Please note that entry criteria may vary quite significantly between courses at the same level. This is to take account of the specific skills needed for success on particular courses, the length of the course and the requirements for progression to the next level. Entry criteria are given as a guide, and the exact requirements in order to obtain a place on a particular course will be confirmed following attendance at a Welcome Event/Interview.

Assessment

We want you to achieve to the very best of your ability at CRC. To make this happen we offer both learning and personal support by specialist staff tailored to meet your specific needs.

To be awarded a T Level, students will need to complete the following two elements:

1) Technical qualification, which includes:
a. core theory, concepts and skills for that industry/sector
b. specialist skills and knowledge for an occupation

2) Industry placement with employer

The T Level assessment combines examinations in the core skills, with a practical skills test for the occupational specialisms developed in practice.
Industry based assessment come in different forms, giving you the opportunity to develop key skills and behaviours tailored to your employment. Group work, portfolios, and practical projects set by employers are just a few of the many ways you can show how your knowledge has developed.
T levels are a nationally recognised qualification, with the top T Level grade (Distinction*) being equivalent in size to 3 A levels at A*. 5. UCAS POINTS A T Level attracts UCAS tariff points so students can use the qualification in applying for higher education.

Disclaimer
Whilst every effort is made to ensure the information is correct, some details may be subject to change. Cambridge Regional College reserves the right to make amendments to the courses, dates, fees or other details, and to make cancellations or changes if numbers are insufficient.