

T Level in Building Services Engineering - Electrotechnical Engineering

T Level Level 3

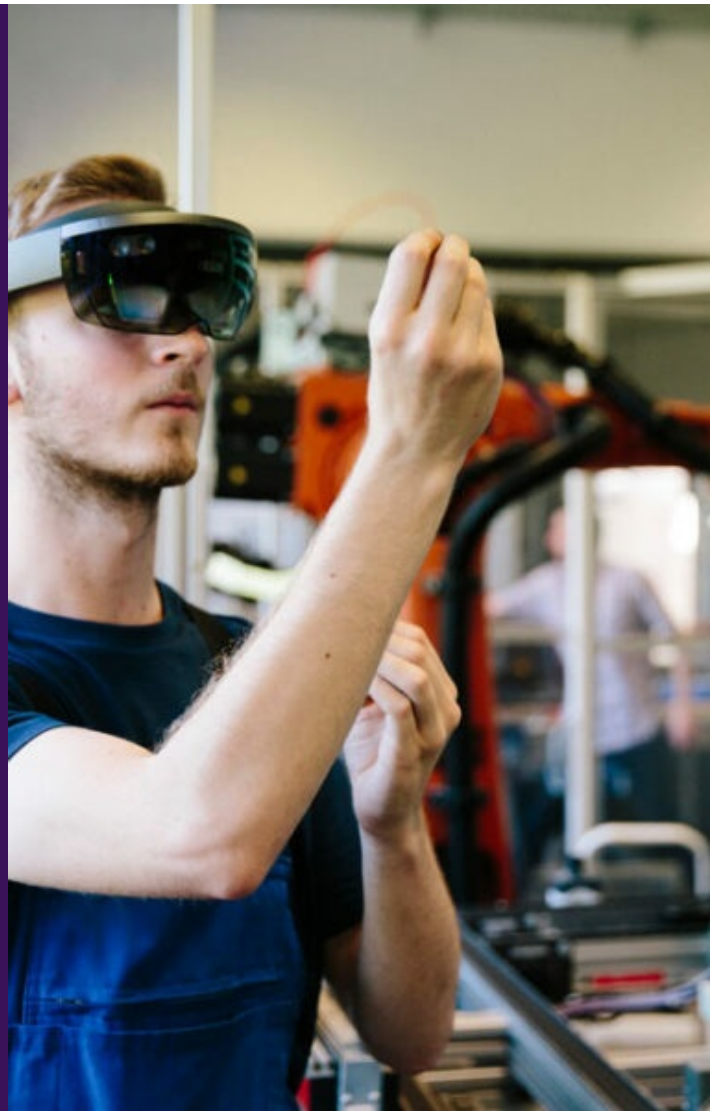
STUDY MODE
Full time

LOCATION
Moulton

LEVEL
Level 3

START DATE
Sept 2025

DURATION
2 years



Delivered over two years, T Levels aim to provide the knowledge and experience needed to open the door to highly skilled employment, higher level studies or a Higher Apprenticeship.

The equivalent of three A Levels, T-Levels are recognised by UCAS to support applications to study at university. Please note that you must be aged 16 - 18 years old when you start a T Level qualification.

What will I learn on the course?

Year 1 is made up of three key parts:

1. Core: Knowledge and understanding of contexts, concepts and theories of the construction industry:

- Construction and the Built Environment History
- Sustainability
- Measurement
- Building Technology
- Information and Data
- Relationship Management
- Digital Technology
- Commercial / Business
- Health and Safety
- Science
- Design
- Legislation, Regulation and Standards
- Building Services Engineering (BSE) Systems
- Maintenance Principles
- Tools, Equipment and Materials
- English, Maths and digital skills needed in the construction industry

2. Employer Set Project: A project set by construction leaders that requires you to apply your knowledge to a real-life problem in the industry.

3. Industry Placement: Towards the end of the year, you will get the opportunity to put the knowledge and skills you have learned in to action as you start your industry placement. You will work with an external construction industry employer to apply your knowledge and develop your technical skills in a real-life construction workplace.

Year 2 is made up of two key parts:

1. You will specialise in Electrotechnical Engineering; Studying and practicing this branch of the construction industry will help you to develop specialist knowledge and skills on how to install, commission and maintain electrical and electronic systems.

2. Continuation of your Industry Placement; with an external construction industry employer which will develop your technical skills and apply your knowledge in a workplace environment.

Across year one and two, you will complete at least 45 days in total working in the construction industry, giving you valuable experience in the workplace and employers the chance to see the new talent in their industry.

What will this course cost me?

You will need to come to College equipped with stationery, steel toe capped boots and a hi-vis vest or jacket.

You can find a full equipment list [here](#).

What does a typical week look like?

Your week will consist of three full days at College covering practical, theory and research on given topics. You will also need to complete work outside of given College days to complete assignments and work experience.

How will I be assessed?

Similar to A-Levels, the grade you gain from a T-Level is based on your work in school. This makes up 80% of the T-Level and comprises a core component and an occupational specialism. You get a grade of Pass, Merit, Distinction, or Distinction* overall. You get separate grades in each component. The 20% is covered by extended industry placement.

Year 1:

- Core Assessment: Externally Set Test – Paper 1 and Paper 2 are both graded A*-E.
- Employer Set Project: Externally assessed project work is graded A*-E.
- Industry Placement: Evidence log to show completion of hours required and evidence of development of technical skills and application of knowledge in a workplace environment.

Year 2:

- Synoptic assessment to judge how well the competence requirements have been met. Graded: Distinction, Merit or Pass.
- Industry Placement: Evidence log to show completion of hours required and evidence of development of technical skills and application of knowledge in a workplace environment.

Where can it lead to?

This qualification focuses on the development of knowledge and skills needed for working in the BSE industry, which will prepare learners to enter the industry through employment or as an Apprentice.

Furthermore, the completion of this qualification gives the learner the opportunity to progress onto higher education courses and training.

What are the entry requirements for this course?

You will need a minimum of four GCSEs at grades 4 - 9 (A - C) to enrol onto this course, including English, maths and a science.

Good to know

T Levels are brand new qualifications that are equivalent to three A-Levels. We will support you to find a suitable company to complete your work placement.

Specific details of the structure of the course and study mode are subject to change as we finalise the details of the new course with the Awarding Body.

Visit this course on our website: <https://www.moulton.ac.uk/courses/ptele/t-level-in-building-services-engineering-electrotechnical-engineering-t-level-level-3>

For further information please contact the college: <https://www.moulton.ac.uk/contact>