

Building Services Engineering - Electrical and Plumbing T-Level Level 3

The Building Services Engineering - Electrical and Plumbing T-Level is a Level 3 course designed for students aged 16-18 who are looking towards a career in a range of construction occupations.

This T-Level is the Electrotechnical Engineer and Plumbing and Heating Route.

Career options might include:

- Engineering maintenance
- Construction technician
- Building and services engineer
- Smart meter installer
- Plumber
- Electrician
- And many more

You will study this course for 2 years.

Progression opportunities

This course will lead to progression to higher level courses such as an HND, higher-level apprenticeship, university degree or employment.

Entry Requirements

The entry requirements for this course are:

- 4 GCSEs at Grade 9 to 4 (A*-C) or equivalent including Grade 4 in English and Grade 5 in maths. Ideally you will have achieved a Grade 4 in science.
- Or successful completion of the Construction T-Level Transition Programme.

You will be required to attend an informal interview which may include completing an assessment based on your prior qualifications.

Where entry requirements have not been achieved, students may be referred to the relevant T-Level Transition Programme.

Disclaimer:

Every effort has been made to ensure the details contained in this leaflet are up-to-date and accurate at the time of printing. However, the College reserves the right to alter or cancel courses, their content, entry requirements, fees or other details should circumstances dictate.

What will I study?

This course consists of the following modules:

Core Content:

All students will develop a general understanding of:

- 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
- Building technology principles
- Building services engineering systems
- Maintenance principles
- Tools, equipment and materials

Specialisms for Building Services Engineering:

- Electrotechnical Engineering
- Plumbing and Heating Engineering

Industry placement:

All students must complete a minimum of 9 weeks working with an employer(s) on an industry placement.

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As part of your programme you will learn and complete the Health & Safety requirements to be able to obtain a CSCS/ESC card that is an industry requirement to enter sites (provided by the College).

How will I be assessed?

You will be assessed using a range of methods including:

- Mandatory exams
- Observation
- Assignments
- Industry placement and journal
- Projects
- Witness testimony
- Personal statements

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