



T Level - Building Services Engineering for Construction (Electrical and Electronic Equipment Engineering) - R289

This T level in Building Services Engineering for Construction will equip you with the skills, knowledge and behaviour to progress into a career in construction, specifically in areas such as electric installation and maintenance, plumbing or heating.

With ever changing technologies and carbon zero emissions, you will learn about the new trends and technologies within the sector and develop the skills you need for a successful career in this exciting field. Co developed and designed with our industry partners and located within our award winning, purpose built construction campus, Wirral Waters, the course also offers students access to industry experts, employer set projects, site visits and industry placements on live sites. By the end of the two years, you will be ready to don your hard hat and step in to a building services engineering job, higher level apprenticeship or go on to university.

COURSE DETAILS

The T Level in Building Services Engineering for Construction will equip you with the skills, knowledge and industry experience to start your career in this growing sector. Equivalent to three A levels, this two-year technical qualification has been designed in collaboration with construction employers and partners so you can rest assured that the skills you develop are relevant and in demand. The course combines hands on learning, academic study and a minimum 45-day industry placement, giving you the opportunity to specialise in either Electrotechnical Engineering or Plumbing and Heating Engineering within your second year.

On this course you will develop a good understanding of the building services engineering sector, including:

- 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

You will also learn about topics specific to building services engineering, including:

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

ENTRY GUIDELINES

This is a Study Programme for students aged 16-18 years.

To study a T Level, you will need:

A minimum of 5 GCSEs at Grades 4-9 including English and Maths

OR

Relevant Level 2 qualifications at merit or above and English and Maths at Grade 4 or above.

OR

T-Level foundation programme and English and Maths at grade 4 or above

Applicants should be ready to complete a work placement

If English is not your first language, you may need an assessment before enrolling on this course. To discuss further, please contact the ESOL department on 0151 551 7144

EQUIPMENT REQUIRED

Steel toe capped boots.

ASSESSMENT METHOD

You will be assessed through external assessments, practical assignments and an employer set project

ADDITIONAL INFORMATION

While completing this qualification, you will have an opportunity to develop the essential skills, knowledge and behaviours employers look for in an employee.

These range from:

- workplace behaviour and dress
- interpersonal skills
- communicating with professional colleagues
- supporting other aspiring employees
- understanding work practices and how different roles and departments function within an organisation

WHERE CAN I PROGRESS TO?

You can progress to employment, higher level apprenticeships or university.

Explore potential careers via Career Match — it provides current local data on wages and employment prospects.

WHEN DOES THIS COURSE RUN?

CAMPUS	ATTENDANCE	COURSE CODE	PLANNED TIME TABLE
	Full Time	R289Q001	

For advice and guidance, please contact Student Services via our [online enquiry form](#)

This information was current on 30th March, 2025 and may be subject to change.