

## **T Level Construction - Building Services Engineering for Construction - Plumbing and Heating Engineering**

Location	Stretford Campus
Course Type	College 16-18
Department	T Level
Start Date	Monday 2nd September 2024
Course Code	TFP-BS3T-1200

### **Course Overview**

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This exciting new T Level Building Services Engineering is equivalent to 3 A Levels and the perfect stepping stone for anyone wanting a career in construction, specialising in plumbing and heating engineering. Students will learn in our state-of-the-art fully equipped workshops. Our workshops and classrooms have the latest industry relevant technology and equipment.

### **Course Requirements**

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GCSEs at Grade 4 or above in Maths, English and Science.

### **What You Will Learn**

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This program covers a broad spectrum of construction-related skills and knowledge, encompassing areas such as health and safety, building design science, measurement accuracy, construction methods, regulations, data management, customer service, IoT's impact, digital engineering, mathematical problem-solving, design principles, industry economics, sustainability, and corporate responsibility. Additionally, it focuses on building services engineering, delving into building technology, HVAC systems, air conditioning, heat pumps, solar thermal energy, maintenance, tools and materials, water systems, and heating systems.

### **Assessment**

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T level is all externally assessed by City & Guilds. Must pass work placement and hit targets whilst in the workplace. Summative practical assessment marked by tutor moderated by City & Guilds.

## Progression

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Progression opportunities from the T level are broad, plumbing apprentice route (you will go straight in at phase 3 due to prior learning on the T level) Higher education in building services HTQ delivered at Stockport Campus.

## Career Options

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This T Level will fully prepare you for employment and a dynamic career. Due to the broad range of topics covered on the Engineering for Construction T Level, you'll be equipped for a career in a variety of settings. You could work as a:

Building Services Engineer, earning up to £50,000 per year

Heating & Ventilation Engineer, earning up to £35,000 per year

You can also use this T Level to progress to a related higher-level apprenticeship or course of study at degree level.

Other careers may include Heating Technician, Plumber, Heating engineer, Site manager, System Designer, Teacher.

## Mandatory Units

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Core - x2 externally marked exams

Employer Set Project - Practical plumbing and heating

315-hour industry placement

## Contact Details

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For further information please contact T: 0161 886 7070 or E: [info@trafford.ac.uk](mailto:info@trafford.ac.uk)

## Disclaimer

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Although every care has been taken to ensure that the information contained within this document is accurate, there may be changes to this programme and provision. We will endeavour to keep prospective and current students updated where appropriate and when the information becomes available.