

## Level 3 Extended Diploma in Building Services Engineering

Location	Stretford Campus
Course Type	College 16-18
Department	Building Services
Start Date	Monday 1st September 2025
Course Code	TFP-BS3D-1200

### Course Overview

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This course is primarily designed for school leavers who wish to enter the construction industry as technical apprentices or progress directly to university to study a range of degrees such as Project Management, Surveying, Architecture or Building Services Engineering.

You will study how to design a variety of building services such as heating, ventilation, air conditioning, electrical systems and plumbing. There will be field trips to visit current buildings in order to widen your knowledge of building service systems.

The course will be completed over a two period, the first year as a Subsidiary Diploma where 6 units will be completed and the second year as the Extended Diploma to cover a further 18 units. The main benefit of this programme is the wide range of careers available to you within the construction industry.

### Course Requirements

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4 GCSE's at Grade 4 or above (including maths and/or English Language).

### What You Will Learn

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The construction industry is desperately short of well qualified engineers and Quantity Surveyors, therefore career opportunities are excellent.

## Assessment

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By projects and assignments, interviews, presentations and course work marked by college tutors and externally verified by BTEC Assessors.

Successful completion of the course will lead to careers as Architects, Architectural Technologists, Project Managers, Design Engineers for Heating, Ventilating & Air Conditioning, Electrical Systems, Control Systems, Mechanical Services as well as Quantity Surveying and Construction Site Management.

## Progression

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HNC Building Services  
HND Building Services  
Foundation Degree in Building Services  
BSc Building Services  
BSc Hons Building Services  
BSc Hons Quantity Surveying  
BSc Hons Project Management  
HNC/HND Construction and Property

## Career Options

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Building services engineering technician  
Building services engineering design technician  
Construction project technician  
Mechanical/electrical services technician  
Building services site engineering technician

## Mandatory Units

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Construction Principles  
Construction Design  
Construction Technology  
Health and Safety in Construction  
Provision of Primary Services in Construction  
Building Services Science

## 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.