

Building Services Design Technician Apprenticeship

Advanced Apprenticeship

Manchester

Purpose of Job:

Fancy joining an award winning apprenticeship scheme?

As a building services design technician you will work within a team of experienced engineers and assist with the design of various installations found in buildings such as the lighting, heating, ventilation and security to bring buildings to life!

Imagine yourself in an amazing building. Take away the lighting, heating, ventilation, lifts, escalators, plumbing, power supply, energy systems and the security and safety systems... All that is left is a cold, dark, empty shell! Without building services design engineers these spaces would not be brought to life!

Duties and Responsibilities:

- + Preparation of simple calculations
- + General sizing calculations
- + Production of manual and CAD (Computer Aided Design) drawings
- + Site visits
- + Site surveys
- + Contributing to providing solutions to design problems
- + Ensuring designs meet required standards following our Integrated Management System
- + Keeping your training log up to date and attending training/CPDs where appropriate
- + Supporting the administration of projects
- + Commit to supporting strategic TB+A sustainability policies and our internal environmental programme objectives

Training Programme requirements:

- + Commit to goals and objectives of a career development programme including attendance of in-house and external technical and non-technical training
- + Familiarise and learn about sustainable low energy initiatives and to share this with other members of your team and wider within the Partnership

The Apprenticeship:

You will attend college 1 day per week to study for a BTEC in Construction & the Built Environment at Trafford College. In addition, you will develop your professional knowledge and experience within the workplace, completing an NVQ to demonstrate the achievement of the required knowledge and behaviours which will lead to End Point Assessment to become an accredited Engineering Technician (EngTech) at the end of your apprenticeship.

This is a permanent opportunity; the apprenticeship is just the start of your journey to ultimately achieve Chartered Engineer (CEng) status. There will be opportunities to progress onto a degree apprenticeship to continue academic progression.

Entry Requirements

Minimum of 5 GCSEs at grades C/5 or above (or equivalent) including English and Science (predicted or achieved). GCSE at grade B/6 or above (or equivalent) in maths (predicted or achieved).

Application process:

Apply online today; <https://www.findapprenticeship.service.gov.uk/apprenticeship/-390693>

Person Specification

	Essential	Desirable
Knowledge	Proficient in AutoCAD 2010 or later version Proven hands-on and demonstrable experience in a similar role Excellent working knowledge of Microsoft Office including Word, Excel and Outlook Proficient and accurate typing	Knowledge of Revit Experience within a building services design consultancy.
Skills	Excellent team working and interpersonal skills Ability to multi-task and adhere to strict deadlines Dealing competently with diverse enquiries and people Dealing tactfully and diplomatically with confidential information Good numeracy and literacy Excellent oral communication with a professional phone manner	
Attributes and Personal characteristics	Self-motivated and enthusiastic Organised Willing to learn Calm and unflustered when under pressure Patient with good listening skills Flexible attitude to work Proactive team member Works on own initiative Approachable and personable Commitment to maintaining high quality standards (good attention to detail)	Interest in Buildings and Architecture

	Willing to travel to other offices when required	
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