



FCDO Services

APPRENTICESHIPS IN

Building Services Design

Learn how to produce CAD drawings of buildings at the very heart of government. Discover what it takes to design brand-new premises and maintain embassies from the 18th Century. Then, train in the skills to support our Engineers, Surveyors and Architects on all kinds of construction projects. And along the way, you might just discover exactly what you're capable of, as you study towards a Level 3 Diploma in Building Services Design and forge a path to become a fully qualified professional.

IT TAKES A DIVERSE TEAM
TO PROTECT A DIVERSE WORLD

VISIT OUR WEBSITE
[FCDOSERVICESCAREERS.CO.UK/APPRENTICESHIPS](https://fcdoservicescareers.co.uk/apprenticeships)

APPRENTICESHIPS IN BUILDING SERVICES DESIGN

It's a big challenge – and an incredibly rewarding one. You'll help us to keep people in government departments safe and sound, wherever they are in the world. You'll learn the theory, the law, the processes of building services design, and you'll use it to maintain and plan for government buildings across continents.

KEY FACTS

- **Level 3 apprenticeship working towards a Level 3 Diploma in Building Services Design**
- **Based at Hanslope Park, Milton Keynes**
- **Opportunity for overseas travel**
- **38-month programme – with a potential full-time role at the end**
- **Combination of practical work and study**
- **Open to all ages, but you will need:**
 - Five GCSEs (or equivalent e.g. O levels) including Maths, English and Science, or a technical based subject such as Engineering or Product Design, at grades 9-4 (A*-C)
 - Good communication skills and IT literacy
 - A genuine interest in CAD, building services design and overseas travel
 - British citizenship, having lived in the UK for the last three years before the first day of the apprenticeship (aiming to start September 2022), and for at least five of the last ten years
 - To be at least 18 years old by 30 April 2022 so you can complete the Developed Vetting (DV) process before your start date
- **Candidates will need to undergo Developed Vetting (DV) clearance before joining.**

Whether you're just starting out, returning to work after a career break, or looking to change careers, over the course of your apprenticeship, you'll take on increasing responsibility for projects that protect the UK's interests – and you'll use that experience to bolster your academic work too. It means when you finish your studies, you'll have in-depth experience, a nuanced understanding of your field, and full membership of a professional body such as EngTech or TMIET. Put another way: your future just got bigger.

YOUR PROGRAMME

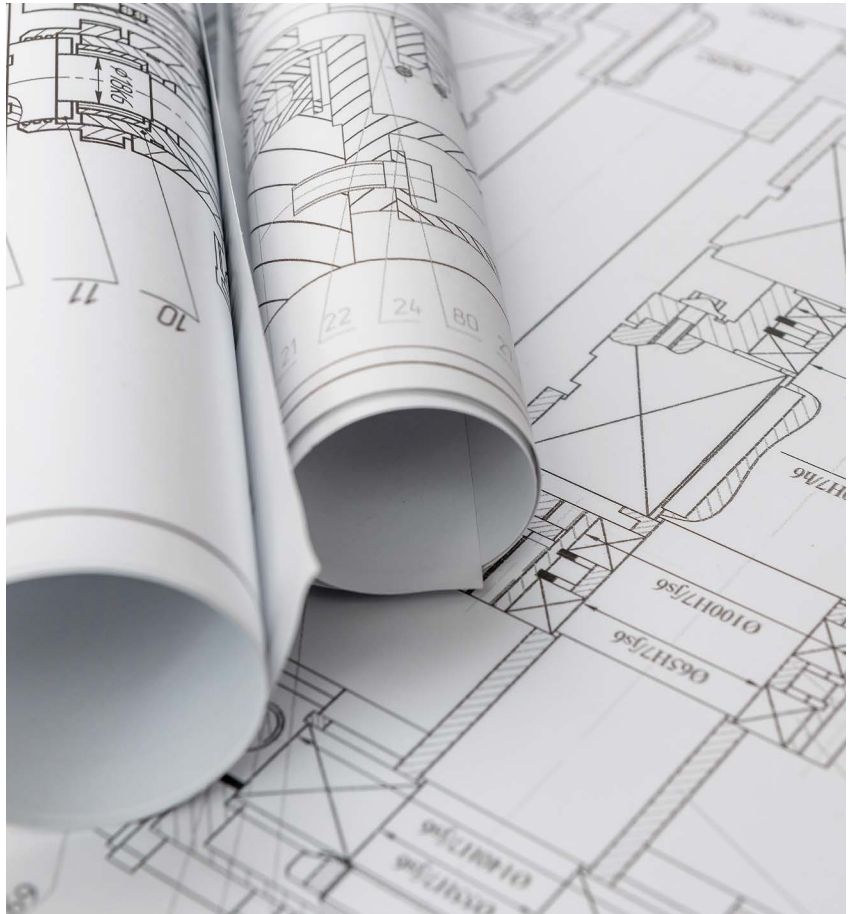
If you're successful in your application, you'll start your apprenticeship in September or October, launching straight into a balance of academic study and live, practical work. You'll attend university or college (depending on your course/provider) on a day-release basis, over the course of the next three years. Then, when you're not studying, you'll work with the team at our Hanslope Park office, developing your skills alongside professional Engineers, Surveyors and Project Managers.

What might some of that learning look like? We'll get your CAD drawing skills up to scratch, as well as teach you how to use specialist building services design software. Plus, you'll learn how to manage drawing data in engineering document management systems.

APPRENTICESHIPS IN BUILDING SERVICES DESIGN

Your university/college work will be a core part of how you develop. Some specific units within the Diploma include:

- Construction Principles, Construction Design, Construction Technology, Health & Safety, Provision of Primary Services and Building Services Science
- The different techniques and methods used to design building engineering services projects
- The appropriate scientific, technical and engineering principles relating to the design of building engineering services projects
- How to communicate effectively using a range of techniques
- The code of conduct of relevant professional bodies and institutions including ethics and their application in design and delivery of projects
- Sustainable development and contribution to economic, environmental and social wellbeing.



COMPLETING YOUR APPRENTICESHIP - AND BEYOND

Complete the apprenticeship, and you'll gain a Level 3 Diploma in Building Services Design and achieve membership of a professional body. But where to next? You'll have a range of options to make your future bigger. We'll do our best to find you a permanent position with us, working as a professional either in the UK or overseas. Whatever you decide, we'll do all we can to help you explore your interests and set your sights on realising your ambitions.

Website: fcdoservicescareers.co.uk/apprenticeships

Email: fcdoservices.recruitment@fcdо.gov.uk

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