



APPRENTICE

Product Design & Development Technician



Design and develop world-leading security and safety systems. Invent and prototype our next generation of physical products. Produce custom one-offs that meet the very highest security standards. That's what you'll be involved in as our Apprentice Product Design and Development Technician. Whether you're a school-leaver, career-changer, or simply interested in this area, you'll get hands-on experience and academic qualifications – as well as the chance to land a permanent role in the team.

Why choose us? Well, from constructing embassies worldwide to securing government communications, our projects and products protect the UK's interests across the globe – and your newfound engineering design skills will help make it all possible. So, if you're ready to step up and enjoy work with purpose, then one thing is clear: your future just got bigger.

YOUR PROGRAMME

Join us, and you'll enjoy a well-balanced apprenticeship with both formal study and practical experience. You'll soak up the expertise of our wider Innovation and Design team, helping to design and test a wide range of products for our government-level customers. As part of this, you might also join other specialist workshops or teams, lending a helping hand where needed. You'll pick up all kinds of skills along the way, including design, research and development, health and safety compliance, cross-team working, and manufacturing skills.

KEY FACTS

- Level 3 apprenticeship
- Based at Hanslope Park, Milton Keynes
- Starting salary: £14,884 plus £1,750 location allowance
- Salary upon qualification could be in the region of £24,500
- 39-month programme – with a potential career at the end
- Combination of practical work and study
- Applicants need:
 - Min. four GCSEs (or equivalent, e.g. O Levels) at grade 9-4 (A*-C) in Maths, English, and either Science (preferably Physics) or a technical-based subject such as Engineering or Product Design
 - Good manual dexterity
 - A genuine interest in product design and development
 - British citizenship, having lived in the UK for the last three years before the first day of the apprenticeship, and for at least five of the last ten years
 - To be at least 16 years old by mid June 2021
- Candidates will need to undergo Security Check (SC) clearance before joining, and Developed Vetting (DV) clearance shortly after joining
- Candidates will need to undergo a colour blindness test if you reach assessment centre stage, since distinguishing between different colours of electrical wire will be a critical part of your role.



At the same time, you'll take on specialist training. You'll learn through a blend of in-house training and external training, with modules including:

- 3D product design/modelling and manufacture using additive manufacturing techniques
- CAD design methods and applications
- Prototype design and production

Not only that, you'll learn about topics that will boost your soft skills too – like how to write a personal development plan. This is a skill that'll definitely come in handy, because throughout the programme, you'll meet your Talent Coach for regular reviews to assess your progress and plan for where there's room to grow.

Your Talent Coach will also support you to build a portfolio of evidence, all leading up to your End Point Assessment. There, you'll demonstrate the competencies you've built up through a work-based project, an interview, a showcase of your portfolio, and a presentation session. Of course, your team will be there to support you every step of the way.

COMPLETING YOUR APPRENTICESHIP – AND BEYOND

If you successfully complete the apprenticeship, you'll gain your Level 3 apprenticeship qualification. But where to next?

Well, you'll have a whole range of options to make your future bigger. We'll do our best to find you a permanent role with us, and your most likely starting point is within the Innovation and Design team. From there, you'll be able to explore your interests, develop your skills further and set your sights on realising your ambitions.



It takes a diverse team to protect a diverse world.

