



GET FUTURE READY

KICK-START YOUR CAREER

**LAUNCH INTO ENGINEERING WITH A LEVEL 2
ENGINEERING OPERATIVE APPRENTICESHIP**



*Take your first steps
towards a world-class
career with limitless
opportunities...*



WELCOME

TO OAS

Oxfordshire Advanced Skills (OAS) offers high-tech engineering training, both in centre and in industry. Our focus is to develop the next generation of talented engineers to support the future of advanced manufacturing.

Located at UKAEA's Culham Campus, the home of the Culham Centre for Fusion Energy (CCFE), OAS is a partnership between the UK Atomic Energy Authority and the Science & Technology Facilities Council, who between them have a history of apprentice training in science and engineering stretching back more than 70 years.

With the Level 2 apprenticeship programme at OAS, you will work on the latest industrial equipment to gain extensive knowledge and experience in the fundamental principles of engineering, supported by our friendly training team of manufacturing experts.

We work with some of the most exciting and innovative employers in Oxfordshire, and beyond. We identify our partners' exact requirements, enabling our apprentices to be matched with the best opportunity to kickstart their engineering careers, and employers to develop relevant training needs.

WHY APPRENTICESHIPS?

An apprenticeship gives you hands-on experience of the workplace, a salary and the opportunity to gain qualifications while you work.

What types of careers are available?
PLC Programming, CAD Design, Quality Control, Multi-skilled Maintenance, Electrical, Technician Roles / Project Engineers.

What progression routes are available?
From completion, you will be able to progress on to a Level 3 apprenticeship in a number of different engineering pathways.

How can OAS help me?
Working with our employer partners across various engineering sectors, we will match you up with an employer to secure your place on our apprenticeship programme.

When can I start?
Programmes start between September and November of each year, with recruitment taking place all year round.

Why choose OAS?
OAS Apprenticeship Programmes provide training on the very latest cutting-edge technology, alongside traditional engineering skills, giving you a solid foundation for your early career, as well as preparing you for the future. We have designed our programmes in partnership with leading Oxfordshire employers, so you know that you are gaining the skills local employers will need and value, both today and tomorrow.

How much will you get paid?
Being able to earn while you learn is one of the great benefits of an apprenticeship.

Employers will typically pay a starting salary of between £150 and £300 per week.



BY CHOOSING OAS, YOU WILL:

- ✓ Receive high quality training in a modern, purpose-built facility that contains the latest industrial equipment, and is located on a leading scientific research site
- ✓ Obtain top level qualifications recognised by employers throughout the UK
- ✓ Be on an apprenticeship with progression into high level technical careers
- ✓ Experience learning with like-minded people
- ✓ Have good transport links for easy access



LEVEL 2 ENGINEERING OPERATIVE APPRENTICESHIP

The OAS Apprenticeship Programme

This 18 month programme equips you with the versatile skill set and hands-on experience needed to be at the heart of the thriving engineering and manufacturing sector.

You'll be a key player in driving business growth while developing in-demand skills that will last a lifetime in this dynamic field.

KNOWLEDGE

- Maintenance planning
- Diagnostic and fault finding techniques
- Specific safe working practices, maintenance procedures and environmental regulations that need to be observed

SKILLS

- Carry out fault location on appropriate equipment using suitable maintenance diagnostic techniques
- Carry out maintenance activities in line with work instructions
- Carry out tests on the maintained equipment in accordance with test schedule/defined test procedures
- Follow appropriate completion activities and restore equipment to service by replacing or repairing components

COURSE CONTENT

During this course, you will learn to master key skills, such as:

- **Hands-on operation and maintenance:**
From high-tech machinery to essential tools, you'll learn to keep everything running smoothly
- **Problem-solving and troubleshooting:**
Identify issues, analyse solutions, and implement fixes confidently
- **Diagnostic and fault finding:**
Build and repair machinery, parts, and equipment with precision and skill
- **Quality control and safety:**
Ensure everything meets the highest standards, working safely and efficiently
- **Technical support and communication:**
Collaborate effectively and provide troubleshooting solutions



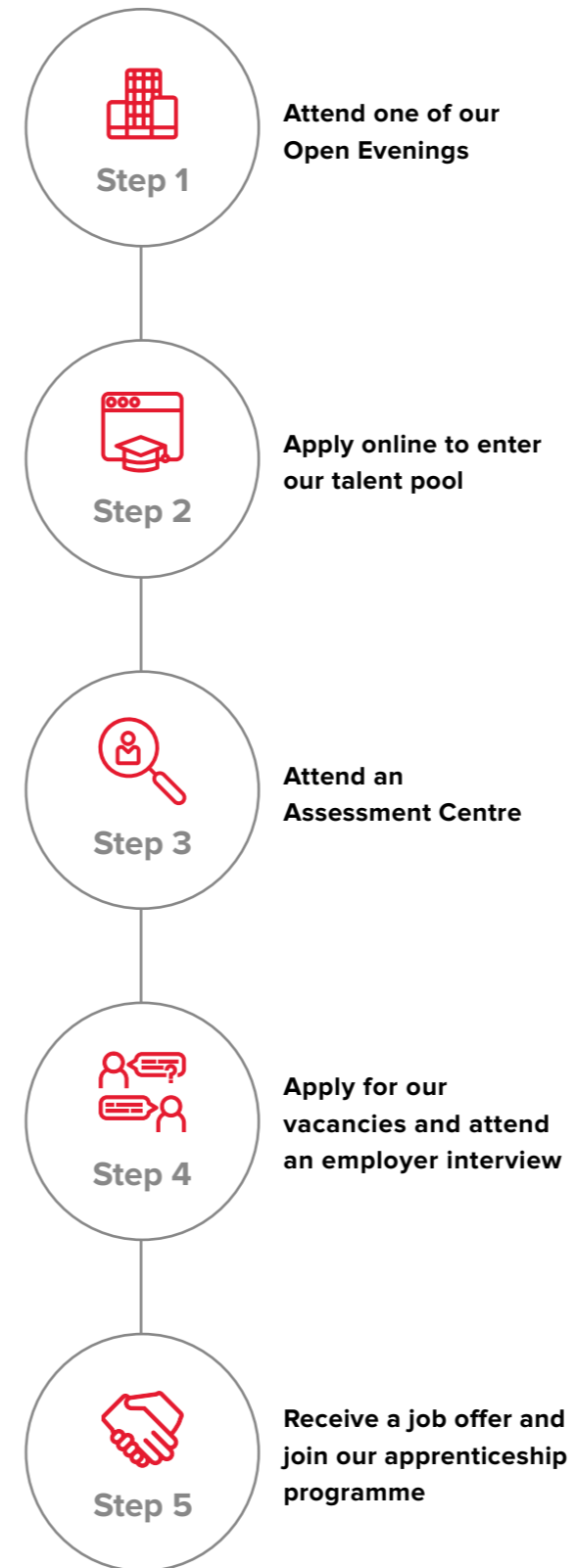
PROGRESSION ROUTES

The core knowledge and expertise you gain throughout the programme will be valuable across multiple industries within the engineering and manufacturing sector. This means flexibility and opportunity throughout your career, wherever your interests and expertise take you.

Upon completion, you will be able to progress to a Level 3 apprenticeship in a number of different disciplines such as Mechatronics, Machining or Technical Support.



THE OAS APPLICATION PROCESS



WANT TO GET INVOLVED?

For more information on how OAS apprenticeship programmes can benefit your career, visit oas.ukaea.uk/apprenticeships or contact OASphase2@the-mtc.org



ENGAGING THE LOCAL COMMUNITY THROUGH OUR OUTREACH PROGRAMMES

We want to inspire the next generation of bright sparks to think about what a future in advanced manufacturing might look like.

We believe everyone should have an opportunity to get hands-on with engineering and the chance to unlock a passion for engineering.

We hold regular outreach events at schools and community centres around Oxfordshire and the Thames Valley, encouraging young

people from a diverse range of backgrounds to put new practical engineering skills into action and raising awareness about apprenticeships.

We offer a variety of interactive activities at each event, and encourage everyone to have a go – from operating robot arms, to using 3D printers, experimenting with vacuum chambers, building mini hydraulic propagators, and competing on virtual welders, there's something for everyone!

GETTING TO KNOW OAS AT OUR OPEN EVENTS

Our open events are held regularly throughout the year and are free to attend.

We encourage anyone who is interested in learning more about OAS and engineering apprenticeships to come along.

Showcasing the best of what we do, they are a great opportunity to tour the facilities and workshops, whilst getting a feel for the site and all that we have to offer.

We also schedule time to meet the training team, learn about the programme and meet fellow apprentices so you can ask any questions, and learn what we offer to apprentices at OAS:

- Find out more about joining OAS and how to apply for roles with our employer partners
- Meet some of our employer partners and find out what they are looking for in their next apprentices
- Take a tour around our industry leading training centre including our workshops and classrooms
- Hear from current apprentices on their experiences with OAS

You will also have the opportunity to ask any questions to our training team, employer partners and apprentices.

Want to find out more? You can find the dates for all our upcoming open events and register online at <https://www.oas.ukaea.uk/apprenticeships/events-and-open-evenings>





GET FUTURE READY

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 Oxfordshire Advanced Skills

 @OASPhase3

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