

FOR APPRENTICES

UK Atomic
Energy
Authority



GET FUTURE READY

**TAKE YOUR FIRST STEPS TOWARDS A
WORLD-CLASS ENGINEERING CAREER
WITH LIMITLESS OPPORTUNITIES**



mtc | Training



Science and
Technology
Facilities Council

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Good
Provider



WELCOME TO OAS

FUTURE
READY
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READY

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 Culham Science Centre, 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.



HOW WE WORK WITH OUR EMPLOYER PARTNERS

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.



SOME OF OUR EMPLOYER PARTNERS



Visit our Latest Vacancies
page to see our current
employer opportunities



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.



How much will you get paid?

Employers will typically pay between £10,000 to £18,000 per year, and salaries often increase annually throughout your apprenticeship based upon performance.



Why choose OAS?

The OAS Apprenticeship Programme provides 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 the programme 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.



When can I start?

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



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





THE OAS APPRENTICESHIP PROGRAMME

Engineering Technician Standards Apprenticeship

YEAR 1

As an apprentice at OAS, you will undertake your first year at our training centre, completing your foundation skills training as well as starting your advanced manufacturing diploma. According to your chosen pathway, the skills you will develop in year one are:

Mechatronics

- Health and Safety
- Business Improvement Techniques
- Mathematics for Engineering
- Mechanical Principles
- Electrical Wiring
- Electronic Assembly
- Hand Fitting
- Computer Aided Design (CAD)
- Organisational Efficiency
- Programmable Logic Controllers (PLC)
- Fluid Power
- Robotics
- Assembly and Maintenance

Product Design & Development

- Health and Safety
- Business Improvement Techniques
- Mathematics for Engineering
- Mechanical Principles
- Electrical Wiring
- Electronic Assembly
- Hand Fitting
- Computer Aided Design (CAD)
- Organisational Efficiency
- Materials
- Turning
- Milling

YEAR 2

You will return to your employer full time, using your foundational training to add value to your company from day one onsite. You now begin the development phase of your apprenticeship programme, adding to your skills and behaviours by completing on-the-job learning whilst continuing your Level 3 knowledge-based diploma back at OAS on a block release basis. This includes topics such as:

- Electrical Principles
- Computer Aided Design (CAD)
- Communication
- Project
- Additive Manufacturing

YEAR 3

In year 3, you will work in company to continue your level 3 work-based competency diploma. You will also start to prepare for your End Point Assessment (EPA):

- Work-based competency diploma
- EPA preparation

Your employer may also decide to include additional advanced skills in your programme across subjects including:

- Additive Manufacturing
- Automation and Robotics
- Digital Manufacturing
- Laser Processing

We also work with employers to offer a level 4 HNC in Engineering for rapidly progressing apprentices. There are two pathways to choose from: Electrical and Electronic Engineering, or Mechanical Engineering.



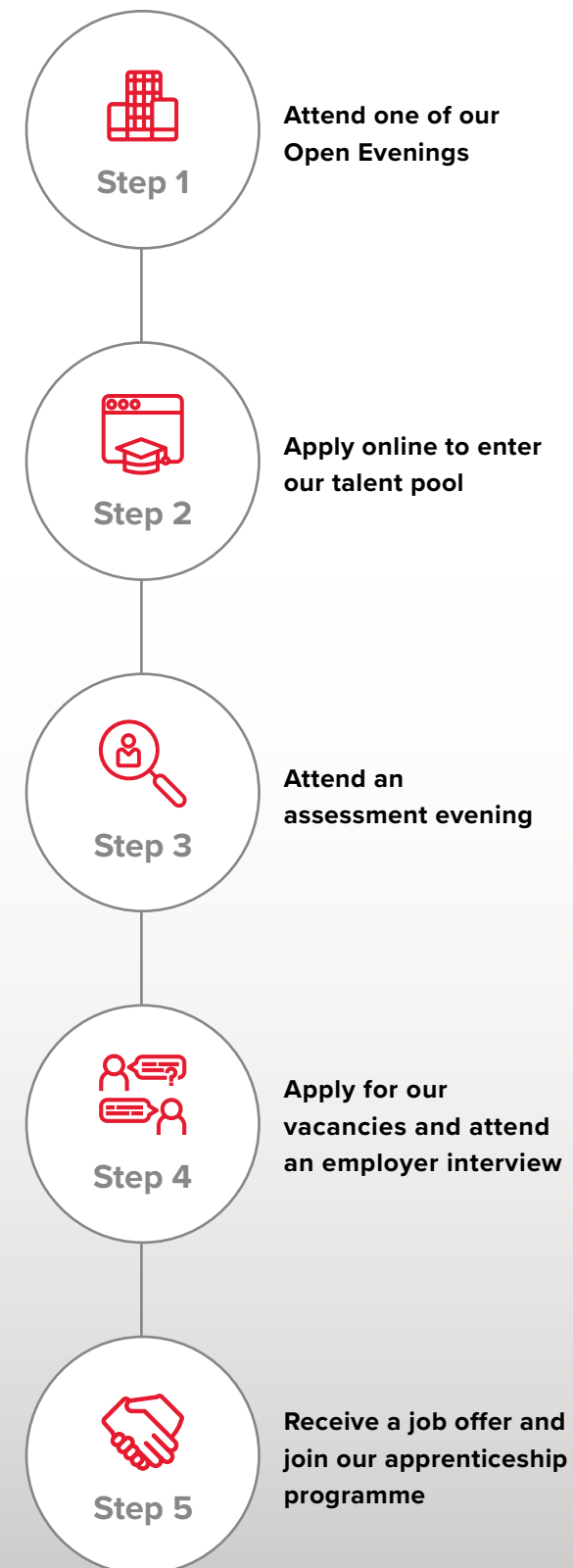
YEAR 4

In your final year, you will complete your work-based competency diploma and finalise your preparation for EPA.

At the end of the apprenticeship programme, we host an apprentice graduation awards ceremony to celebrate everyone's success and achievements.



THE OAS APPLICATION PROCESS



WANT TO GET INVOLVED?

For all our latest vacancies and to apply to the programme visit www.oas.ukaea.uk or contact OASphase2@the-mtc.org



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w www.oas.ukaea.uk

e OASphase2@the-mtc.org

UKAEA Culham, OX14 3DB

