



National Physical Laboratory

Engineering Apprenticeship



npl.co.uk/apprenticeships

General entry requirements:

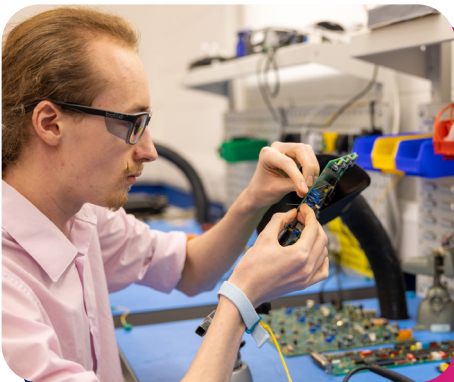
- Minimum of five GCSEs (grade four or above) which must include English and Mathematics. For science apprenticeships, GCSEs including at least one science subject is preferred.

No two days are the same!

Every day at the National Physical Laboratory (NPL), we are working towards making new discoveries that will have an impact on the world.

Here are just a few of the amazing things we have done here at NPL:

- **Packet-switching:** Pivotal in the advancement of the internet
- **Automatic Computer Engine (ACE):** Instrumental to the development of modern computing
- **Radar:** Crucial in the modern world, few technologies are as widely used!
- **The atomic clock:** The basis of UK time



Engineering apprenticeship

What does the apprenticeship include?

- Four year apprenticeship with first year in Kingston College full time.
- In years one and two, you will complete a Level 2 and Level 3 BTEC in Advanced Manufacturing Engineering.
- In years three and four you will complete:
 - a National Vocational qualification
 - a Level 3 Diploma in Advanced Manufacturing and Engineering -Toolmaker and Tool & Die Maintenance Technician.
- You will also have the option to complete a Level 5 Higher National Diploma (equivalent to the first two years of a university degree).

An apprenticeship includes...

- various aspects of engineering such as instrument making, mechanical, electrical and general
- rotations around different NPL departments
- aspects of Toolmaking and Advanced Manufacturing.



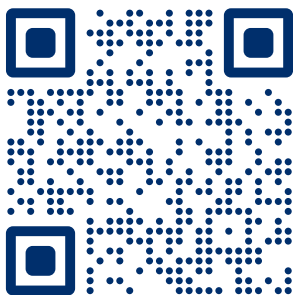
“The thing I like most about doing an apprenticeship is being able to learn the skills I need through practical experience!”

**Ester Rowland,
Engineering Apprentice**

For further information on our apprenticeships, please visit

npl.co.uk/apprenticeships

or scan the QR code below:



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We are a proud member of the 5% Club.

Part of the industry-led campaign focussed on creating momentum behind the recruitment of apprentices and graduates into the UK workforce.



The Prince's
Responsible
Business Network



Institute of Physics
Juno Practitioner

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