

Engineering

Qualification and Level

Advanced Apprenticeship (Level 3) in Engineering. There are six routes through this Advanced Apprenticeship framework: Electrical and Electronic Servicing; Fabrication and Welding; Engineering Maintenance; Mechanical Engineering; Rail Transport Engineering; Engineering Technical Support.

Why Engineering?

There is a demand across the country for skilled and qualified engineers, and employers increasingly need committed, well trained and enthusiastic workers. York College has good relationships with employers across the York and North Yorkshire region, in the fields of Engineering Manufacturing & Maintenance, Engineering Production, Rail and Light Engineering.

By completing an Advanced Apprenticeship in Engineering you will increase your skills, knowledge and performance and become a valuable team member. This will demonstrate to an employer that you have gained the right knowledge and experience to help them in their business and encourage them to invest in you and your career.

Why York College?

York College offers a vibrant young adult environment with over 13,000 full and part-time learners, a friendly atmosphere, and support from specialist staff. We offer a wide range of academic and vocational qualifications at all levels, and work both with individuals and alongside local educational providers and businesses.

Our award-winning £60 million campus offers modern state-of-the-art teaching, learning and social facilities including: realistic training environments; Learning Centre; hair and beauty spa; day nursery; cafés and food court; restaurant; sports development centre; theatre.

Engineering apprentices study at either of our specialist campuses which includes the Yorkshire Rail Academy; a prestigious purpose built education and training centre which has held CoVE (Centre of Vocational Excellence) status in Railway Engineering since 2003, adjacent to the National Railway Museum near the centre of York.

Are there any entry requirements?

This is a very demanding programme that usually takes four years to complete.

It is recommended that applicants should have a minimum of five Grade C or above GCSE's to include Maths (on the Higher paper), English and a Science subject.

To start the programme **you must be employed** with an Engineering company who can cover the range of work needed for the NVQ. The College will need to speak to your employer to ensure that the range and nature of their work will give you enough experience to complete the NVQ. Each company has its own entry requirements which you will have to fulfil when you apply for a job; most publish their criteria on their websites, strong Maths and Science subjects are always an advantage. Should you not find an employer there are a wide range of full time engineering programmes you may wish to apply for.

What will I study?

The Engineering Advanced Apprenticeship framework consists of:

- NVQ Level 2 Diploma in Performing Engineering Operations
- NVQ Level 3 in **one of:** Electrical and Electronic Servicing; Fabrication and Welding; Engineering Maintenance; Mechanical Manufacturing Engineering; Engineering Technical Support; Railway Engineering
- Technical Certificate in **one of:** BTEC Level 3 Diploma in Electrical/Electronic Engineering; EAL Level 3 Diploma in Engineering and Technology; BTEC Level 3 Diploma in Engineering
- Functional Skills Level 2 in Application of Number
- Functional Skills Level 2 in Communication
- Functional Skills Level 2 in Information Technology
- Employment Responsibilities and Rights (ERR)
- Personal Learning & Thinking Skills (PLTS)

You must do all the qualifications in the framework, although you may be partly or fully exempt from some of them depending on your previous qualifications. You will receive a certificate for each

qualification as you achieve it, and after you have achieved them all you will receive an Advanced Apprenticeship certificate.

How will I be assessed?

The programme runs over four years. You will attend College on day release (one day per week) for the first two years and work for your employer the rest of the time.

For the NVQ you will build up a portfolio, which is a collection of examples or evidence of your work that demonstrates your skills and ability, including a work diary, photos, statements from your employer and colleagues and examples of completed tasks. Assessment consists of practical tasks, observations, oral questioning, written questions, assignments, projects and written tests. The Technical Certificate is assessed using both practical and written tests and assignments. The Functional Skills are assessed through a written test and/or exam.

What can I do next?

After achieving an Engineering Advanced Apprenticeship, most employees will have the opportunity of further professional development within their company, in some cases leading to the status of Incorporated Engineer within a Professional Institute.

The Engineering Advanced Apprenticeship is an excellent route into the Foundation Degree in Engineering which can also be studied at York College. Other HE progression options include Higher Degrees such as the BEng and MEng in various Engineering fields.

What alternatives are there?

- Construction
- Electrotechnical
- Plumbing
- Vehicle Maintenance and Repair

How do I apply?

Fill in the Work Based Learning Application Form and send it to the Admissions Team at York College at the address below. We'll write to invite you to an interview and guidance session. Our programmes are popular and fill up quickly, so we advise you to apply as early as you can, even if you don't yet have a job.

Who can give me further information and advice?

Admissions Team

Your first point of contact about the application process.
York College, Sim Balk Lane, York YO23 2BB
01904 770449, admissions.team@yorkcollege.ac.uk

Employer Engagement Support Officers

Advice about Apprenticeships for apprentices and employers.
York College, Sim Balk Lane, York YO23 2BB
01904 770445, apprenticeships@yorkcollege.ac.uk

Future Prospects

Advice about careers, Apprenticeships and other courses in the York area.
24 Swinegate, York YO1 8AZ
01904 634748, admin@futureprospects.org.uk, www.futureprospects.org.uk

Student Services

Confidential information, advice and signposting on a wide range of matters including accommodation, travel, childcare, welfare, benefits and financial assistance.
York College, Sim Balk Lane, York YO23 2BB
01904 770397, studentservices@yorkcollege.ac.uk

Apprenticeships Helpline and website

Information about Apprenticeships from the National Apprenticeship Service for students, parents and employers.
08000 150 600, www.apprenticeships.org.uk

York College is committed to creating an environment where there is mutual respect and equality of opportunity