







Level 3

Rail Engineering Technician

Apprenticeship



				
Duration	Location	Starting	Age	Careers
105 weeks	Rush Green Campus	Flexible dates	Apprenticeships	Engineering

How do apprenticeships work?

If you prefer a more practical style of learning, an apprenticeship or higher apprenticeship could be the ideal option for you. They enable you to learn on the job and gain nationally recognised qualifications at the same time. [Find out more about apprenticeships.](#)

Overview

Rail Engineering Technicians provide technical support to Rail Engineers. The engineering disciplines cover the following areas of “The Railway” (infrastructure and trains); track (including minor works), overhead line, electrification, signalling, telecommunications, traction & rolling stock and rail systems. Apprentices will undertake the core learning and also specialise in one particular discipline.

Those working within the occupation of Rail Engineering are responsible for the safe construction, installation, maintenance and renewal of The Railway to provide a safe and reliable railway for customers. The Rail Industry has a high level of safety critical work activities requiring a disciplined and responsible approach.

What you'll learn

During the programme modules will include:

- The scientific, technical, engineering, mathematical and design principles
- Safe and Professional working practices
- How to work effectively and contribute to engineering solutions and innovation
- How the railway works commercially
- The importance of 3rd party requirements and client confidentiality
- How to plan and deliver a high standard of work

- Managing resources
- Problem solving

Learner may also be required to complete the following qualifications:

- Level 3 Rail Engineering (Competence)
- Level 3 Rail Engineering (Technical Knowledge)

Assessments / Exams

To achieve the apprenticeship standard all components must be completed, including Functional skills at the required level if the apprentice doesn't have exemptions. All apprenticeship standards include an end point assessment which is required to complete the standard.

Entry requirements

A-C or 4-9 GCSE

Working a minimum of 30 hours per week

What this apprenticeship leads to

Upon successful completion of the Rail Engineering Technician programme learners can choose to continue their development through a Level 4 Apprenticeship.

Visit this course on our website: <https://barkingdagenhamcollege.ac.uk/find/courses/0000011340>

For further information please contact the college: <https://barkingdagenhamcollege.ac.uk/contact>