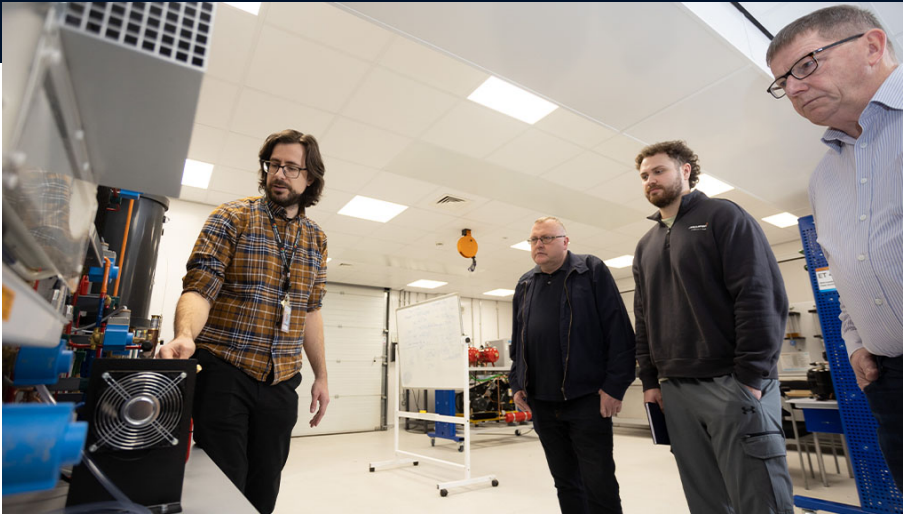


Level 3 Engineering Maintenance Technician (Single Discipline) Apprenticeship



Course Overview

This Level 3 Engineering Maintenance Technician (Single Discipline) apprenticeship is designed for practical, problem solving individuals who enjoy understanding how machines and systems work and want to build a career in engineering across industries such as manufacturing, energy, and utilities. Over the duration, apprentices gain hands on experience maintaining and improving real equipment and systems, often working both independently and as part of a team to solve faults and optimise performance. Learning takes place through a blend of on the job training, guided instruction, and practical application, supported by experienced engineers and colleagues, with exposure to real workplace challenges and continuous improvement activities.

Beyond technical knowledge in electrical or mechanical biases the course helps learners develop valuable wider skills such as critical thinking, resilience, communication, and teamwork, as well as an understanding of safety, sustainability, and business priorities. Apprentices build confidence by responding to breakdowns, engaging with stakeholders, and managing tasks to industry standards and timescales, all of which support progression into senior technical or leadership roles in engineering.

What You Will Study

Apprentices will build a strong foundation of technical and professional skills, including:

- Core Knowledge and Skills
- Understanding engineering principles, tools, and maintenance techniques
- Fault finding, diagnosis, and effective problem-solving
- Interpreting engineering drawings, specifications, and technical documentation
- Working safely in line with health, safety, and environmental regulations
- Specialist Pathway Skills

Depending on their chosen pathway, apprentices will develop expertise in:

- Electrical: circuits, motors, control panels, and electrical system maintenance
- Mechanical: assemblies, hydraulics, pneumatics, and rotating machinery

These skills equip apprentices to maintain and optimise complex engineering systems across a wide range of industries.

Alongside this, you will work towards a L3 Pearson BTEC Diploma

START DATE

September

LEVEL

Level 3

STUDY MODE

Part-time

DURATION

36 months

AWARDING BODY

EAL - City & Guilds

LOCATION

Castleford College



For further information about this course, including Entry Requirements, Assessments and Further Study, scan the QR code.

Need More Information?

For additional course information please contact the Course Information Team on **01924 789111** or email courseinfo@heartofyorkshire.ac.uk.

To learn more about Castleford College, our facilities and how we can support you please visit our website www.heartofyorkshire.ac.uk.

Quick Links



How to Apply



Student Support



Virtual Tours

Advanced Manufacturing Engineering delivered on a day-release basis, combined with a work-based Level 3 NVQ Diploma.

Attendance Expectations

Delivered on a day-release basis at Castleford College, complemented by regular workplace visits from an assessor.

How You Will Be Assessed

You will be assigned a dedicated work-based assessor upon enrolment, who will carry out regular workplace visits to review your progress, observe your practice, and provide support to help you successfully complete your apprenticeship.

Fee Information

For information on apprenticeship funding please contact the Apprenticeship Recruitment & Engagement Team on 01924 789469 or apprenticeships@heartofyorkshire.ac.uk

Further Study

Candidates may progress onto further study upon successful completion.