



Engineering Maintenance Technician (L3) - Single Discipline Apprenticeship Standard

Level: 3

Type: Part Time,
Apprenticeship

Start Date: Various - Various

Course Code: CC4A3EMTSD

Typical Duration: 42 Month(s)

Need to speak to us about a course?

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About the course

Engineering maintenance technicians maintain plant, equipment and systems to optimise operation. They conduct planned and preventative maintenance to prevent issues occurring and reactive maintenance when problems occur. For example, responding to breakdowns. They must prepare for and accept jobs, complete work safely to required standards, close the job, and complete work records. They also contribute to continuous improvement activities. They may complete work as part of a team or alone, depending on the task.

The three choices of pathway are:

Electrical engineering maintenance technicians' work focuses on electrical aspects of plant, equipment and systems. For example, motors, single-phase and three-phase, power supplies, and low voltage or high-voltage electrical distribution.

Control and instrumentation engineering maintenance technicians' work focuses on the control and instrumentation aspects of plant, equipment and systems. For example, programmable logic controllers, flow meters, heat exchangers and safety controls.

Mechanical engineering maintenance technicians' work focuses on mechanical aspects of plant, equipment and systems. For example, actuators, fans, pumps, valves, gearboxes, and pipework.

Apprentices will attend college on day-release for 1 or 2 days a week during term time for 3 years.

Suitable job roles include: Mechanical Maintenance Technician, Electrical Maintenance Technician or Engineering Maintenance Technician

There is no upper age limit for apprenticeships making it a course ideal for those looking to start a career in a particular sector and looking to get qualifications that recognise their experience and gives them opportunity to progress further in their career.

Progression and career opportunities

Progression to Lead engineering maintenance technician (Level 4) or further learning.

Entry requirements

There are no formal entry requirements for this qualification; however, learners must be employed in a suitable administrative role and hold GCSE Grade 4 or above in English and Mathematics, unless they are aged 19 or over

Assessment

This programme is fully delivered in the workplace and focuses on developing the knowledge, skills and behaviours needed to succeed in an administrative role. Assessment takes place throughout the programme using a variety of methods, including observations, professional discussions, questioning, witness testimonies and workplace evidence. At the end of the programme, learners will go through Gateway and complete the three components of the End-Point Assessment.

Component 1 – Knowledge Test

Multiple-choice Knowledge Test assessing the technical content.

Component 2 – Portfolio-based Interview

Portfolio-based Interview around the evidence requirements that demonstrate achievement of the portfolio-based skills and behaviours

Component 3 – Observation

Apprentice is observed in the workplace with questions.

Disclaimer

Whilst every effort is made to ensure the information is correct, some details may be subject to change. Cambridge Regional College reserves the right to make amendments to the courses, dates, fees or other details, and to make cancellations or changes if numbers are insufficient.