



Aircraft Maintenance Apprenticeship Level 3

2022/23

Inspiring Lives, Discovering Futures

The Course

In brief...

The Level 3 apprenticeship Engineering Technician (Fixed & Rotary Wing) is designed to appeal to students who are interested in a career in the Engineering and aviation sector or who are planning to make a career in this industry. The course includes the opportunity for students to develop the research, communication and critical-thinking. In addition, employers have been involved and consulted in order to confirm that the content is appropriate and consistent with current practice for students planning to enter employment directly into the aviation sector.

Aircraft Maintenance Fitters/Technicians work on maintaining aircraft of all types from small aeroplanes to airliners, jet fighters and helicopters, both civil and military. They are expected to carry out approved maintenance processes to maintain the airworthiness of the aircraft. It involves highly skilled, complex and specialist work, maintaining aircraft systems according to approved requirements and work instructions, using relevant hand tools and equipment. They must comply with civil and or military regulatory and organisational requirements. They must be able to research data sources, ensuring that on completion of a task all aircraft documentation is accurately filled in.

Key Information

- Duration**
48 Months
- Attendance**
Apprenticeship
- Level**
Level 3
- Qualification Name**
Apprenticeship Standard
- Awarding Body**
City & Guilds
- Curriculum Area**
Engineering - Engineering and Electronics

What the Course Leads to

What courses can I do after this?

You could progress to higher level study, either via another apprenticeship or another college course.

What do I need to apply

To do this course you should have...

A minimum of 5 GCSE's Grade 4 and above (A*-C) including English, Maths and a Science subject. Individual employers may also set their own entry requirements.

Course costs

Course Code Start Date Costs 16-18 Costs 19-23 (with concessions) Costs 19+ (no concessions)

ECN3XT0457	Various	TBC	TBC	TBC
------------	---------	-----	-----	-----

* Please note fees are subject to change.

Course Content

Course Content

Aircraft Maintenance Fitter/Technician is one on of the many pathways of the Engineering Technician Standard. You will be taught core knowledge, skills and behaviours for the general Engineering Technician as well as being taught specific knowledge, skills and behaviours regarding Aircraft Maintenance Fitter/Technician.

The course consists of the following mandatory qualifications:

Level 2 Diploma in Aerospace and Aviation Engineering (Foundation Competence)

After a further period of skills and technical knowledge development all apprentices will be required to achieve the following qualifications:

Level 3 Diploma in Aviation Maintenance (Development Competence)

Level 3 Diploma in On-Aircraft Maintenance Category A

The programme covers the following content areas:

For core knowledge skills, you will need to demonstrate:

- understanding the importance of complying with statutory, quality, organisational and health and safety regulations
- understanding of general engineering/manufacturing mathematical and scientific principles, methods, techniques, graphical expressions, symbols formulae and calculations used by engineering technicians
- understanding the structure, properties and characteristics of common materials used in the sector
- understanding the typical problems that may arise within their normal work activities/environment
- understanding approved diagnostic methods and techniques used to help solve engineering/manufacturing problems
- understanding the importance of only using current approved processes, procedures, documentation and the potential implications for the organisation if this is not adhered to
- understanding and interpreting relevant engineering/manufacturing data and documentation in order to complete their job role
- understanding the different roles and functions in the organisation and how they interact.
- understanding why it is important for an organisation to continually review their processes and procedures

For specific skills, you will need to demonstrate:

- obtaining, checking and using the appropriate documentation (such as job instructions, drawings, quality control documentation)
- working safely at all times, complying with health, safety and environmental legislation, regulations and organisational requirements
- planning and where applicable obtaining all the resources required to undertake the work activity
- undertaking the work activity using the correct processes, procedures and equipment
- carrying out the required checks (such as quality, compliance or testing) using the correct procedures, processes and/or equipment
- dealing promptly and effectively with engineering/manufacturing problems within the limits of their responsibility using approved diagnostic methods and techniques and report those which cannot be resolved to the appropriate personnel
- completing any required documentation using the defined recording systems at the appropriate stages of the work activity
- restoring the work area on completion of the activity and where applicable return any resources and consumables to the appropriate location

Next Steps ...

Email: enquiries@thecollege.co.uk

Telephone: 01202 205205

Web: www.thecollege.co.uk

Live chat available on the website

