

Mechatronics Maintenance Technician Apprenticeship Level 3

Study Mode: Full Time, Work Based Learning

Is this course right for me?

Overview of the Role

Mechatronics Maintenance Technicians play a key role in keeping complex, automated equipment running smoothly in high-value manufacturing environments. They ensure that machinery operates safely and efficiently, preventing downtime and maintaining production standards.

What Does the Role Involve?

You will work on a wide variety of systems across **mechanical, electrical, electronic, fluid power, and control disciplines**. Your day-to-day work will involve:

- Installing and testing equipment
- Diagnosing faults
- Carrying out planned and reactive maintenance
- Performing condition monitoring and using results to inform preventative action
- Supporting commissioning of equipment

Typical Job Roles

- Mechatronics Maintenance Technician
- Multi-Skilled Maintenance Engineer
- Automation Technician
- Maintenance Fitter

Entry Requirements

Individual employers set the entry requirements, but typically you will need:

- Four GCSEs at Grade C/4 or above, including maths (preferably Grade B/5), English, and a science.

What will I learn?

You will gain **core engineering knowledge**, as well as additional **specialist knowledge**, including:

- Mechanical, electrical, and electronic principles in maintenance
- Fluid power and process control systems
- Mathematical methods for maintenance environments
- Diagnostic and fault-finding techniques
- Condition monitoring tools and interpretation
- Preventative maintenance strategies

What skills will I gain?

You will develop **specialist skills** such as:

- Reading technical documentation and schematics
- Performing scheduled maintenance and condition monitoring
- Diagnosing and repairing high-tech equipment
- Testing systems post-repair or installation
- Contributing to improvement of maintenance practices

You will also display **professional behaviours**, including:

- Personal responsibility and safety awareness
- Teamworking and collaboration
- Clear communication and respectful conduct
- Focus on quality and problem solving
- Willingness to learn and adapt to new technologies

How will I be assessed?

- Regular reviews and assessments by a qualified workplace assessor
- Practical training from expert tutors
- A final End Point Assessment to demonstrate full occupational competence

What can I do next?

After completing this apprenticeship, you could:

- Advance to a Level 4 HNC in Engineering
- Achieve recognition as an Engineering Technician (EngTech)

Delivery

Location:

Start Date:

Day:

Time:

Course Fee:

Course Code: AP0179

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