

# Engineering maintenance technician - dual discipline

Dual discipline technicians possess a versatile skill set, allowing them to maintain complex systems that combine different engineering fields, such as mechanical parts controlled by electrical circuits.

Level: 3

Duration: 52 months



## Apprenticeship overview

### Core skills, knowledge and behaviours you will learn

- Multi-disciplinary fault finding and problem-solving
- Reading and interpreting complex electrical schematics and mechanical drawings
- Safe isolation and testing of interconnected systems
- Maintenance of fluid power and pneumatic systems
- Teamwork and communication across different engineering departments
- Quality control and technical record keeping

### Where you might work

- Automated warehouses and distribution centres
- Pharmaceutical and chemical production sites
- Water recycling and treatment works
- Large-scale manufacturing facilities
- National infrastructure projects

### Typical job roles

- Multi-skilled Maintenance Technician
- Electromechanical Technician
- Mechatronics Technician
- Dual-Discipline Engineering Technician
- Automation Support Technician

## Good to know

You will need strong analytical skills to diagnose faults across different systems

This role is highly valued for its versatility in "lean" manufacturing environments

Work can be demanding, requiring a logical approach under pressure during production downtime