

Machining Technician

Level

3

Duration

Typically 48 months

Levy Cost £27,000

Non-Levy Cost
Fully funded or 5% (£1,350)

How can a Machining Technician apprentice benefit my business?

Apprenticeships are an excellent way to support your organisation by harnessing new and motivated talent whilst developing employees who have skills tailored to your business needs.

Who is the Machining Technician apprenticeship for?

The Machining Technician apprenticeship is aimed at those who wish to gain the knowledge and experience required to become a Machining Technician through on the job training. Machining Technicians produce complex and precision machined products that are typically used in machinery. For example, aeroplanes and vehicles. They can also produce bespoke components or products for domestic appliances or medical equipment. They use a variety of machines to carry out their work. For example, centre lathes, vertical and horizontal milling machines and horizontal and cylindrical grinding machines.

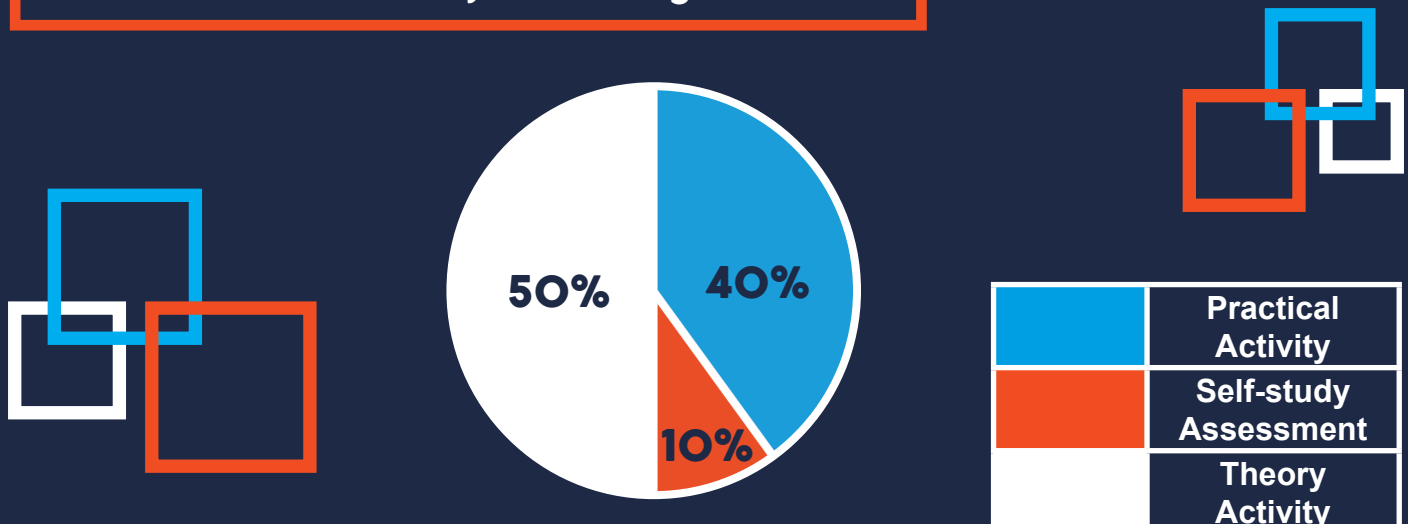
What will it cost the business to take on an apprentice?

Levy-paying employers in England can use funds in their Apprenticeship Service Account to fund apprenticeship training costs.

Non-levy paying employers: The government will fund between 95% - 100%* of the cost of training an apprentice.

*This depends on how many people are employed within the company, the age of the apprentice and also if they have been in care or have a Local Authority Education, Health and Care Plan (EHCP).

How is the '20% off-the-job' training delivered?



Functional Skills

If your apprentice does not hold a GCSE 4/5 or equivalent in English and maths, they will be required to complete functional skills. Delivery options will be agreed upon before the commencement of the apprenticeship.

End Point Assessment

The EPA tests and validates the knowledge, skills and behaviours that an apprentice has gained during their training and demonstrates the competence of an apprentice in their role. This assessment for the Machining Technician apprenticeship consists of:

- Practical demonstration with questions
- Interview underpinned by a portfolio of evidence
- Knowledge test

Completion of the Machining Technician apprenticeship is designed to be recognised by relevant Professional Engineering Institutions at the appropriate level of professional registration (EngTech).

The Learner Journey

Month 1	Sign-up and induction	Induction · Skills Scan
Months 2 - 43	On programme	Delivered in year 1 at the STEM centre in Braintree, then years 2-4 in Colchester utilising our excellent Haas Milling and Turning machines.
Months 44 - 47	Gateway to EPA	EPA Mocks
Month 48	EPA	Practical demonstration with questions · Interview underpinned by a portfolio of evidence · Knowledge test

Classroom Delivery

One day per week for 4 years (day release).

Progression

On completion of the apprenticeship progression opportunities include:

- HNC Mechanical Engineering (Level 4)
- HND Mechanical Engineering (Level 5)
- Degree Manufacturing Engineer (Level 6)

Additional Qualifications

- Level 2 Diploma in Advanced Manufacturing Engineering (Foundation Competence)
- Level 2 Diploma in Machining (Foundation Knowledge)
- EAL L3 Extended diploma in Machining (Development Knowledge)