

Laboratory Technician Apprenticeship

The level 3 Laboratory Technician apprenticeship is a nationally recognised work-based training programme that equips new and existing staff with industry-demanded knowledge, skills, and behaviours.



Level 3 Laboratory Technician Apprentice

Highly skilled laboratory technicians provide companies the assurance that their laboratory activities are being performed to the highest standard, in compliance with industry and organisational standards. Youthforce’s laboratory technician apprenticeship programme develops the crucial knowledge, skills and behaviours needed to do just that. Laboratory Technician’s play a vital role across a diverse range of industries including: Education, Construction, Biotechnology, Paints and Coatings, Food and Feed, Chemical, Primary and Secondary pharmaceutical, formulated products, nuclear companies, analytical science services and across research and development. They provide routine and one-off testing, manufacturing (where relevant), and technical support within both laboratories and in the field.

The Apprenticeship Programme

Youthforce have many years of experience delivering the laboratory technician programme across a wide range of environments. From typical clean aseptic-laboratories, to more niche construction-based ‘dirty laboratories’, Youthforce’s team have seen it all. Youthforce will take its industry-led structure of training and tailor it to the needs of your organisation - no matter how unique or niche your laboratory and site activities are.

The programme is designed to take an individual and bring them up to the standard of knowledge, skill and behaviour (KSB) outlined on the Level 3 Laboratory Technician Standard. The KSBs have been selected by industry-leading laboratory technician employers. These newly acquired KSBs will be assessed by an objective third-party assessment to confirm their competence at the end of their programme, known as an End Point Assessment (EPA).

There is a full programme of learning to prepare the apprentice for their EPA. Using decades of combined expertise, Youthforce’s delivery team have developed a modular-based apprenticeship programme that develops knowledge and skills in Health and Safety, Laboratory Practice and Quality, Error Reporting and Problem Solving, Data and Testing, Housekeeping and CPD, and modules in bespoke industry specialisms. Apprentices will benefit from specialist tutors delivering particular modules - alongside a practice tutor who supports the apprentice throughout their apprenticeship and helps them put the theory into practice.

In the early stages of working with Youthforce, our Business Consultants will work with you and Youthforce’s team of Programme Design experts to develop a programme of learning suited to the needs of your business.

Progression

Our programme is mapped to the requirements for registration on the Register of Science Technicians (RSciTech). We will ensure registration is completed through the most appropriate industry body. It is common for successful apprentices to be fast-tracked through their organisation, moving into senior technician and management roles. This programme can be run on current and new members of staff, providing your organisation with a strong pipeline of talent for current and future skills needs.

Duties

Through Youthforce training and workplace experience, apprentices will develop the underpinning knowledge and skills to complete the following duties to a high standard with minimal supervision:

Duty 1: Work safely in a laboratory, maintaining excellent housekeeping whilst following appropriate safety, environment and risk management systems.

Duty 2: Follow quality procedures to meet the requirements of quality standards relevant to the workplace.

Duty 3: Prepare for laboratory tasks using the appropriate scientific techniques, procedures and methods

Duty 4: Perform laboratory tasks following specified methodologies, such as Standard Operating Procedures.

Duty 5: Use of specified instrumentation and laboratory equipment, including calibration where required.
Duty 6: Produce reliable, accurate data and keep accurate records of laboratory work undertaken and results.
Duty 7: Analyse, interpret, and evaluate data and identify results requiring further investigation seeking advice of senior colleagues as appropriate.
Duty 8: Communicate scientific information appropriately, including the use of Laboratory Information Management systems, either digital or paper based.
Duty 9: Apply scientific techniques for data presentation. e.g. statistics
Duty 10: Recognise problems and apply appropriate scientific methods to identify causes and achieve solutions.
Duty 11: Participate in continuous business performance improvement.

Behaviours

Arguably more importantly, this apprenticeship is focused on developing the right behaviours that allow technicians to apply their knowledge and skills effectively in the workplace. These include, but are not limited to:

Effective communication using a range of skills

Effective teamwork

Ability to work independently and take responsibility for initiating and completing tasks in compliance with quality and safety standards, challenging unsafe working practices where appropriate.

An understanding of impact of their work on others, especially where related to diversity and equality.

Time management and ability to complete work to agreed schedule.

Ability to adapt to change

Continuing Professional Development (CPD): Accountability of own development needs, undertaking CPD.

Demonstrate reliability, integrity & respect for confidentiality on work related & personal matters.

Recruitment

Youthforce are not just experts at training apprentices - we are also experts at recruiting the right people for your organisation. If you are looking at bringing new apprentices into your business, our experienced recruitment team will consult with you to develop a recruitment plan to find you the best person to make the most of the opportunity you are offering.

Youthforce will advertise your vacancy, sift applications, call eligible applicants and complete a telephone interview, coordinate and run an assessment centre and then provide you with a shortlist of candidates for final selection.

Employment

The Basics

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| <ul style="list-style-type: none"> Contract duration: 21-24 months. | <ul style="list-style-type: none"> Employers appoint a mentor for apprentices. Youthforce will provide mentor training and support. |
| <ul style="list-style-type: none"> Hours: minimum of 30 per week. 20% of these hours to be spent on learning and developing knowledge, skills and behaviours. | <ul style="list-style-type: none"> Training fees are either covered through the levy or through government co-investment - SME's pay a 5% contribution. |

Support

We understand that apprenticeships can be a confusing business. We go to great lengths to make this process as smooth and simple as possible. The sort of support you will receive from Youthforce includes, but is not limited to:

- A dedicated account manager.
- Monthly webinars.
- Additional learner support.
- A dedicated practice tutor to support apprentices and mentors.
- Mentor training.
- Support for HR and Finance teams.
- Clear communication lines to contact members of our team.



Contact Youthforce

Youthforce is dedicated to employer led training. For a conversation on how we can work together to develop your workforce through apprenticeships please get in touch.

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