

Cogent Skills Training is a national training provider delivering Apprenticeships which focus upon the key roles and qualification requirements of the Science Industries.

Level 3 Laboratory Technician Apprenticeship Standard

Laboratory technicians work in a wide range of organisations, including but not exclusively, chemical, primary and secondary pharmaceutical, biotechnology, formulated products, nuclear companies; and analytical science services.

A Laboratory technician may carry out both routine and one-off laboratory testing and perform a variety of technical support functions across the organisation. In any context working safety and ethically is paramount and many companies operate under highly regulated conditions because of the need to control the quality and safety of products, for example medicines.

Laboratory technicians are expected to work with minimum supervision, taking responsibility for the quality and accuracy of the work that is undertaken. They are proactive in finding solutions to problems and identifying areas for improving the business.

Typical Job Roles

- Laboratory Technician
- Laboratory Assistant
- Animal Science Technician

Duration

Minimum 18 months, typically 24 months

Knowledge Qualification

Apprentices must complete a qualification that is recognised for RSciTech, which is relevant to the occupation. The qualification must be at level 3 or higher and provide the theoretical knowledge needed for the apprenticeship standard.

Example qualifications include:

- BTEC Level 3 Diploma in Applied Science (QCF)
- BTEC Level 3 Extended Diploma in Applied Science (QCF)
- BTEC Level 3 Subsidiary Diploma in Applied Science (QCF)
- BTEC Level 4 HNC Diploma in Applied Chemistry (QCF)
- BTEC Level 4 HNC Diploma in Applied Biology (QCF)
- Level 3 Certificate in Laboratory Technical Skills (QCF)



Delivery

- On and off-the-job training – may be day/block release depending upon knowledge qualification
- Teaching, learning and assessment in the workplace
- On-going support and progress monitoring
- Start at any point during the year

Entry Requirements

- Employed in a suitable job role
- Entry qualifications determined by the Employer - typically 5 GCSEs inc Maths, English and Science
- Must be able to achieve Level 2 Maths and English prior to taking end-point assessment

End-point Assessment

End-point assessment will be carried out by an Independent Assessment Organisation.

There are four components to end point assessment:

- Review of the Behaviours Evaluation Log
- Synoptic Assessment Test
- Vocational Competence Discussion
- Scenario Case Study

Progression Opportunities

The Trailblazer employers have worked in partnership with professional bodies to define the apprenticeship standard and the assessment plan to ensure that it maps to the requirements for RSciTech set by the Science Council. The scope of the standard and the associated assessment plan means that the individual should not require any further training on completion of their apprenticeship to allow them to apply for professional registration as RSciTech.

Want to know more?

Read more about the Laboratory Technician Standard

http://www.siasuk.com/media/1070/laboratory_technician_app_standard.pdf

Read more about the Work Based Learning Guide

http://www.siasuk.com/media/1132/wblg-laboratory-technician-sept-16_sias-qp.pdf

Contact us

Apprenticeships enable you to not only attract new staff, but to develop existing employees to fill skills gaps, with many employers finding that training through Apprenticeships has a positive impact on staff morale, retention and productivity.

For further information on our Apprenticeships please contact us on 01925 515200 or email info@cogentskills.com

- ✔ Organisational Needs Analysis
- ✔ Apprentice Recruitment
- ✔ Competence Management Solutions
- ✔ Mapping job roles to Apprenticeship Standards
- ✔ Apprenticeship Levy Management
- ✔ Specialist Training