

# LABORATORY TECHNICIAN Apprenticeship

EMPLOYER FACTSHEET

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From setting up laboratories to running experiments, our apprenticeship will help you to develop skilled technicians to make things happen in your business.

## Key Information

Level	3
Duration	18-24 months
Entry requirements	- 16 years or over. - Please contact our Apprenticeship team for further entry requirements.
Delivery	Level 3 National extended certificate in Applied Science (RQF) on a day release model over two years. A minimum of 30 hours of on the job training at work place per week including a day/ block release to study theory at our Uxbridge/ Hayes/ Harrow campus
Key responsibilities	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
Qualifications	- A level 2 English and mathematics - A level 3 or 4 qualification in a science or technology discipline relevant to their occupation, which is recognised for professional registration by RSciTech - Pass the end-point assessment
Link to Professional Recognition	The apprenticeship is recognised by the relevant professional bodies at Registered Science Technician (RSciTech) level, for which there is a requirement that the technician will participate in subsequent continuing professional development on completion of the apprenticeship.

## Choose a Trusted Provider



We are a top provider in London with consistently high success rates



We are the largest college provider of apprenticeships in west London



We work with major companies including British Airways  
Brunel University London & Menzies etc.



Government funding may be available. Eligibility and criteria apply

### Employers involved in creating this standard:

Actavis, Aesica Pharmaceuticals, Astra Zeneca, BCM, Essar, Fujifilm Diosynth Biotechnologies, GSK, Ineos, Lotte Chemical UK, Lucite, Medimmune, Pfizer, SABIC UK Petrochemicals, Sellafield, Sembcorp, Seralab, Synergy Outsourcing, Victrex, RSC, IChemE, SB.

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Apprenticeships & Skills  
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## Modules and Content Summary

Occupational Skills & Knowledge
Work safely in a laboratory, maintaining excellent housekeeping whilst following appropriate safety, environment and risk management systems
Understand and follow quality procedures to meet the requirements of quality standards relevant to the workplace
Understand the internal and external regulatory environment pertinent to the sector and the employer and comply with regulations proficiently
Perform laboratory tasks following specified methodologies, such as Standard Operating Procedures
Demonstrate technical competence in the use of specified instrumentation and laboratory equipment, including calibration where required
Produce reliable, accurate data and keep accurate records of laboratory work undertaken and results
Analyse, interpret and evaluate data and identify results requiring further investigation seeking advice of senior colleagues as appropriate
Understand and apply statistical techniques for data presentation
Communicate scientific information appropriately, including the use of Laboratory Information Management systems, either digital or paper based
Recognise problems and apply appropriate scientific methods to identify causes and achieve solutions
Participate in continuous performance improvement
Develop and apply theoretical knowledge of relevant science and technology required for the sector & job role
Understand the business environment in which the company operates including personal role within the organisation, ethical practice and codes of conduct.

A laboratory technician also demonstrates the required attitudes, behaviours and interpersonal skills associated with the professional workplace including:

Behaviour
Communicate effectively using a full range of skills: speaking; listening; writing; body language; presentation
Work and interact effectively within a team
Work independently and take responsibility for initiating and completing tasks
Understand impact of work on others, especially where related to diversity and equality
Time management and ability to complete work to schedule
Ability to handle change and respond to change management processes.