

Level 2 Apprenticeship for Laboratory and Science Technician



This apprenticeship is for people interested in working as a supporting role to scientists, technologists, teachers or other related personnel within the laboratory setting. It is a nationally recognised training programme combining real work with learning and training, both on and off the job.

Level 2 Apprenticeship for Laboratory and Science Technician

The Level 2 Apprenticeship for Laboratory and Science Technician is designed for individuals whose job role is primarily dedicated to supporting personnel with data analysis, scientific development, preparation of scientific equipment and ensuring safety. Laboratory and Science Technician apprentices will provide assistance in order to create a safe and productive environment. Learners must be at least 16 years old with a keen interest in working as part of a team, and in being an excellent laboratory and science technician.

Job Titles	Job Roles
Laboratory Technician (General)	Prepare resources and set up scientific equipment and resources for laboratory experimentation within the Constructions Materials Testing / Pharmaceutical / Asbestos / Education / Food Science sector
Laboratory Technician (Maintenance)	Maintain scientific equipment and resources used for Experimentation within the Constructions Materials Testing / Pharmaceutical / Asbestos / Education / Food Science sector

Progression

The apprenticeship pathway will prepare learners to progress onto the Level 3 Apprenticeship specialising in education science, Industrial Science or Analytical and Process Science. Successful apprentices may be offered a full-time position at schools, colleges, universities or companies within related sectors to support senior teachers, lecturers or other personnel in setting up and running experiments and carrying out research.

Building Your Qualification

The Apprenticeship is equivalent to five GCSE passes, comprised of both knowledge and competence qualifications. In addition the apprenticeship is supported by qualifications in functional skills and employee rights and responsibilities.

Level Two NVQ Certificate in Laboratory and Associated Technical Activities: The competence qualification of this apprenticeship has 31 Credits and 233 Guided Learning Hours. All units are listed on the reverse side.

Level Two Certificate in Laboratory Technical Skills: The Knowledge qualification of this apprenticeship has 17 credits and 115 guided learning hours. The units are listed on the reverse side.

Functional Skills: There are no formal entry requirements in order to become an apprentice but to successfully complete the framework learners must achieve qualifications in:

- Level 1 English
- Level 1 Mathematics
- Level 1 Information and Communications Technology (ICT)

Employee Rights and Responsibilities: The ERR element of this framework will be met by completion of a workbook.

Qualification Overview

Level Two NVQ Certificate in Laboratory and Associated Technical Activities Mandatory Units

Learners will complete all of the following units:

Unit Reference #	Title	GLH	Credits
T/601/9366	Follow health and safety procedures for scientific or technical activities	35	5
D/601/9569	Maintain effective and efficient working relationships for scientific or technical activities	35	5
H/601/9377	Use information recordings systems for scientific or technical activities	48	6

Optional Units

Unit Reference #	Title	GLH	Credits
Y/601/9733	Demonstrate scientific or technical methods, techniques and skills to others in the workplace	56	8
F/601/9385	Carry out simple scientific or technical tests using manual equipment	59	7

Level Two Certificate in Laboratory Technical Skills

Learners will complete all of the following units:

Unit Reference #	Title	GLH	Credits
A/503/1489	Health, Safety and Environmental Procedures in the Laboratory	25	4
A/503/1492	Laboratory Measurement Techniques	30	4
M/503/1490	The Laboratory as a Working Environment	20	3
T/503/1491	Support for Laboratory Techniques and Practice	20	3
F/503/1493	Use of Laboratory Services	20	3

Employment

The Basics	
<ul style="list-style-type: none">Duration: minimum 12 months	<ul style="list-style-type: none">Mentoring
<ul style="list-style-type: none">Hours: minimum 30 per week, with time off for training	<ul style="list-style-type: none">Annual leave, contract of employment, salary

Resources and Support

Youthforce offers a wide range of support for apprenticeships, including:

- One-to-one tutorials
- Comprehensive Support
- Action learning with peers
- Classroom sessions
- Distance E-learning

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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