

Level 3 Laboratory Technician Standard

Your programme consists of the following elements:

- ▶ Pearson/Edexcel Higher National Certificate L4 in Applied Science
- ▶ Competency Log - portfolio of evidence covering the knowledge, skills and behaviours set out in the Apprenticeship Standard.
- ▶ Functional Skills Maths and English if required



Course Aims and Objectives

The purpose of Pearson BTEC Higher Nationals in Applied Sciences is to develop students as professional, self-reflecting individuals able to meet the demands of employers in the Applied Sciences sector and adapt to a constantly changing world.

The qualifications aim to widen access to higher education and enhance the career prospects of those who undertake them.

They aim to provide education and training for a range of careers in Applied Sciences, including Laboratory Technician, Research Technician, Technical Support Chemist / Biologist, Quality Support Technician, Manufacturing Technician, Science Technician, Technologist, Instrumentation Technician and Product Development Technician

This qualification will give you the opportunity to develop a range of skills and techniques, personal skills and attributes essential for successful performance in working life.

It will provide opportunities for students to enter or progress in employment in the Applied Sciences, or progress to higher education qualifications such as an Honours degree in Biology, Chemistry, Environmental Sciences, Polymers or a related area

CSR will work with you to ensure you gain your RSci accreditation with an approved body.

Teaching sessions with your tutor take place weekly.

Your qualification will be assessed through assignments.

Apprentices will be required to attend two practical weeks at CSR during programme to complete the required practicals of the course. Employers are expected to cover any additional costs incurred for travel and accommodation required.

Competence Log

During your time on programme, you must compile a Competence Log. CSR have assigned you a Vocational Skills Coach who will work with you to achieve this part of the Standard. You will meet with your VSC every 4 to 6 weeks.

All competence evidence will be uploaded to your Onefile account. Some of the competencies that you will be demonstrating can be found below:

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.

Prepare for laboratory tasks using the appropriate scientific techniques, procedures and methods.

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

Understand the business environment in which the company operates including personal role within the organisation, ethical practice and codes of conduct.

For more information about the assessment plan, please visit the IfATE website:

Laboratory Technician Standard on IfATE



End Point Assessment

During the last 3 months of your programme, we will put you in a Gateway to prepare you for End Point Assessment (EPA). This will be carried out by an independent EPA organisation. The formal assessment will comprise of:

- Knowledge test
- Observation with Questioning
- Structured Interview underpinned by a portfolio of evidence (Competence Log)

Entry Requirements

Candidates should possess 5 GCSEs (or equivalent) at grade 4/C or above, including Maths and English plus a Level 3 qualification in science at grade C or above. Recruiting employers may have additional entry criteria.

Professional Recognition

This standard provides individuals with the opportunity for registration as Registered Science Technician with either the Royal Society of Chemistry, Royal Society of Biology or the Institute of Physics. Talk to your tutor to find out more.

