

**Subject : BTEC level 3 National Extended Diploma in Applied Science**

The BTEC level 3 National Extended Diploma in Applied Science is a vocational qualification which gives a broad grasp of the three main scientific disciplines. It has been designed to help you develop the skills and techniques needed to be employed. The qualification provides the opportunity to develop practical knowledge and skills which help learners to prepare for and progress in their chosen career.

**What are the entry requirements?**

Grade 5 -5

The Pearson BTEC level 3 National Extended Diploma in Applied Science consists of 7 mandatory units:

Unit Number	Unit title	How assessed
1	Principles and Applications of Science I	External
2	Practical Scientific Procedures and Techniques	Internal
3	Scientific Investigation Skills	External
4	Laboratory Techniques and their Application	Internal
5	Principles and Applications of Science II	External
6	Investigative Project	Internal
7	Contemporary Issues in Science	External

In addition all students must complete six specialist units; these are subject to change on a yearly basis.

**Assessment:**

There are three main forms of assessment: external, internal and synoptic

**Externally- assessed units**

Each external assessment is linked to a specific unit; each assessment is taken under specified conditions.

Learners must achieve all external units at pass grade or above. Learners are permitted to resit any external assessment only once during their programme.

The styles of external assessment used for qualifications in the Applied Science suite are:

Examinations – all learners take the same assessment at the same time, normally with a written outcome.

Set tasks- learners take the assessment during a defined window and demonstrate understanding through completion of a vocational task.

**Internally – assessed units**

Most units in the sector are internally assessed and subject to external standards verification. This means that learners are set the assignment which is assessed internally by the Unit teacher. Learners may not make repeated submissions of assignment evidence.

**Synoptic-assessment**

This requires learners to demonstrate that they can identify and use effectively, in an integrated way, an appropriate selection of skills, techniques, concepts, theories and knowledge from across the whole sector.