

APPLIED SCIENCE



Course Title:	BTEC L3 Applied Science	Course Code:	601/7437/7
Exam Board:	Edexcel	Course Length:	2 years

Units Covered:

- Principles and Applications of Science 1
- Practical Scientific Procedures and Techniques
- Science Investigation Skills
- Laboratory Techniques and their Application
- Principles and Applications of Science 2
- Contemporary Issues in Science
- Physiology of Human Body Systems
- Electrical Circuits and their Application
- Microbiology and Microbiological Techniques
- Biomedical Science
- Materials Science
- Forensic Evidence, Collection and Analysis

HOW AM I ASSESSED?

- The course is split into modules with each module being assessed upon completion. Therefore there will be multiple assessment point throughout the year.
- There are four externally assessed modules and these will be assessed in either February or May of each year.
- The attained grades for each module will be combined to give an overall grade for the course.

PROGRESSION

Students who gain a BTEC Extended Diploma in Applied Science are generally well regarded by companies and apprenticeship providers as they will have both good theoretical knowledge and evidence of developing practical skills. The course also provides a clear pathway to studying Science at university and can often be combined with an A-Level in Mathematics to strengthen these applications. This subject can lead to careers in: Laboratory Scientist, Forensic Science, Biomedical Science, Paramedic, Biomedical Technician.

HOW TO BE SUCCESSFUL?

- Complete all units of work within the set timeframe.
- Engage in practical activities to develop laboratory skills and techniques to support learning.
- Read relevant scientific literature to develop knowledge of a range of science concepts.

WHY APPLIED SCIENCE?

The course has been developed in the science sector to focus on giving students the opportunity to acquire technical and employability skills, knowledge and understanding of Biology, Physics and Chemistry in real world contexts. Studying science will broaden your understanding of the world around you and will equip you with the skills needed to approach most matters in a reasoned and analytical manner.

6 X NATIONAL
AVERAGE

HIGH QUALITY STEM
APPRENTICESHIP