

Vocational Applied Science



Exam Board	Edexcel
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Qualification	Edexcel BTEC Level 3 Extended Certificate (Broadly equivalent to 1 A- level)
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Entry Requirements	Grade 44 in Science and Grade 4 in English and Maths
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Content (Outline of Course)	Year 12	
	Principles and Application of Science	GLH 90
	Practical Scientific Procedures and Techniques	GLH 90
	Year 13	
	Science Investigation Skills	GLH120
	Physiology of the Human Body System	GLH 60

Assessment	External Exam (25%) Assignments (50%) Controlled Assessment (25%)
	Students must gain a pass grade in the examined component to pass the course, with one resit permitted. To gain a distinction, students must achieve a distinction in all the separate elements of the course.

Careers Guidance	<p><u>KEY FEATURES/FUTURE STUDY</u></p> <p>The BTEC Nationals in Applied Science give learners the opportunity to acquire technical and employability skills, knowledge and understanding which are transferable and will enable learners the opportunity to enter employment in the science sector or to progress to vocational qualifications such as the Edexcel BTEC Higher Nationals in Applied Biology, Applied Chemistry or Health/Science -related qualifications. This course also gives learners the opportunity to develop a range of skills and techniques, personal skills and attributes essential for successful performance in working life.</p>
	<p><u>CAREER POSSIBILITIES</u></p> <p>Scientists work in a range of industries from food and drink to pharmaceuticals. These courses provide a route to employment in the science industry or within organisations that use science including the health service, government establishments and educational institutions. Roles can include:</p> <ul style="list-style-type: none"> • working as a quality control technician/analyst • working in a hospital supporting the use of X-ray and scanning equipment • working in a research laboratory in the development of new drugs • working with the forensic science service • scientific journalism