# BTEC Level 3 Applied Science

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| **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 5s in GCSE Dual Award Science (or in a separate science). Grade 4 in Maths and English at GCSE. |

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| **Content (Outline of Course)** | **Year 12**<br>Principles and Application of Science GLH 90<br>Practical Scientific Procedures and Techniques GLH 90<br>**Year 13**<br>Science Investigation Skills GLH120<br>Physiology of the Human Body System GLH 60 |

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| **Assessment** | External Exam (25%)<br>Assignments (50%)<br>Controlled Assessment (25%)<br><br>Students must gain a pass grade in the examined component to pass the course, with one resit permitted. |

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| **Careers Guidance** | <u>KEY FEATURES/FUTURE STUDY</u><br>The BTEC Nationals in Applied Science give learners the opportunity to acquire technical and employability skills, knowledge and understanding which are transferable and will give 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 that are essential for successful performance in working life.<br><br><u>CAREER POSSIBILITIES</u><br>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:<br>• working as a quality control technician/analyst<br>• working in a hospital supporting the use of X-ray and scanning equipment<br>• working in a research laboratory in the development of new drugs<br>• working with the forensic science service<br>• scientific journalism |