



BTEC Level 3 Extended Diploma Applied Science

WHY TAKE THIS COURSE?

This exciting course helps you to understand the world of Applied Science by looking at the applications rather than theories. There are plenty of opportunities to conduct more in-depth practical work and time to complete your own research. It is ideal if you do not want to take a purely academic style AS level programme. Learning methods include completing assignments, case studies and projects which are based on realistic workplace situations. You will learn about the demands and legislation which exist in the Science workplace as well as developing a wide range of scientific and transferable skills in preparation for a career or higher level study.

WHAT WILL I STUDY?

The course covers the following six Core Units: Fundamentals of Science, Working in the Science Industry, Perceptions of Science, Scientific Investigations, Scientific Practical Techniques and Using Mathematical tools in Science. In addition a combination of up to twelve specialist units which are selected from a range of Optional Unit pathways, will also be studied. Important opportunities are arranged for work experience, visits and speakers to enhance the vocational relevance of this programme. Students are also offered integrated opportunities to achieve the Functional Skills in Application of Number, Communication and IT.

HOW WILL I BE ASSESSED?

The aim of the course is to develop your skills and knowledge competencies in the laboratory through practical work, projects, assignments and self-directed study. All units are internally assessed and marked and contribute to an overall grade for the qualification. These grading decisions are subject to internal and external verification. This approach may appeal to learners who prefer portfolio based assessment covering a variety of scientific investigations.

WHAT SKILLS AND SPECIAL QUALIFICATIONS DO I NEED?

Normally one of the following: 5 GCSEs at grade C or above, including Double Science (Higher) and Maths, or Level 2 vocational qualification in Science at merit level with GCSE Maths at grade C.

WHAT CAN I DO NEXT?

The natural progression routes are on to full time degree courses or directly into an apprenticeship or job. BTEC Extended Diplomas can provide access to work in hospitals, education, quality control, testing and environmental science laboratories.

PRIESTLEY EXTRA

During the course we will make visits to increase our understanding of science in the workplace. Last year the AS Applied Science students visited a Power Station, Manchester Airport and Solway. There will be the opportunity to apply for residential courses such as Forensic science.