

APPLIED SCIENCE



Achieving Excellence Together

OCR Level 3 Cambridge Technical Extended Certificate in Applied Science

Entry Requirements: Grade 4 in English and Core & Additional Science at GCSE Level.

Course Description

This is an academic course that will teach theory from biology, chemistry and physics up to A level-equivalent. There are 5 units of work. Unit 1 includes the taught concepts from biology, Chemistry and physics and unit 2 is a skills unit based on practical laboratory techniques and gives a grounding in excellent practice and health & Safety. Unit 3 examines how research is conducted in a laboratory and helps students to understand the legal requirements and recognising hazards. Unit 4 focuses on the microbiological techniques, including how bacterial ecology is used in industry and investigating anti-microbials. Unit 5 looks at product testing before essential products such as bleach or medical products make it to the shop floor .

Method(s) of Assessment

Units 1, & 2 are examined by an external written exam.

Units 3, 4 & 5 are internally assessed through portfolios of work.

Progression

Supports any entry into the healthcare profession, or biology-related course.



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