A Level Courses 2025

Mathematics

Entry Requirements

Minimum:

Standard Entry Requirements:

5 GCSE's at a grade 4 or above and Grade 6 in GCSE Mathematics.

What will you learn:	A-Level units: • Pure Mathematics and Mechanics • Pure Mathematics and Statistics • Pure Mathematics and Comprehension
Elements of the course:	The course aims to build upon skills and techniques studied at GCSE and further extend topics such as trigonometry, coordinate geometry and algebra. It also lays the foundations for new concepts such as calculus and logarithms. Real life scenarios are investigated within Statistics and Mechanics, where students can make links to Economics and Physics and turn their learning into reality.
Where could it take me?	An A-Level in Mathematics is highly regarded by the majority of employers and universities, precisely because of the demands it makes and the skills it develops. Many A-Level Mathematics' students do not of course go onto use their course directly, yet a 2016 study found those with a Mathematics A-level earn 11% more over their lifetime than those without. Some go straight into employment, with fields such as accountancy offering very viable careers straight from a Mathematics A-level. Because the A-Level is comparatively demanding, increasing numbers do go onto degree courses such as accounting, medicine, engineering, forensic pathology, finance, business, consultancy, teaching, IT, games development, scientific research, programming, the civil service, design, construction and astrophysics to name a few.
Assessment:	Each module is assessed at the end of the course by examinations. There is no coursework.