



A Level in Mathematics

Location	Cheadle College
Course Type	College 16-18
Department	A Levels
Start Date	Monday 2nd September 2024
Course Code	CFQ-CL3L-1103

Course Overview

At A Level students will study both Pure and Applied Mathematics. Pure Mathematics develops the ideas introduced at GCSE, such as Algebra, Graphs and Trigonometry. The Applied Mathematics content is drawn from Statistics and Mechanics. Studying Mathematics gives students techniques for understanding and solving problems and it encourages the development of a logical and enquiring mind.

Course Requirements

General entry requirements for our A Levels include 5 GCSEs grade 5 or above, including English Language and Maths. For Mathematics we are looking for applicants with a 6 in Maths.

Assessment

Pure Maths makes up two thirds of the A-level and Applied Maths makes up one third (one sixth on Mechanics and one sixth on Statistics).

The final exams consist of three two-hour papers.

Paper 1: 100% Pure

Paper 2: 50% Pure 50% Mechanic

Paper 3: 50% Pure 50% Statistics

Progression

A Level Mathematics is welcomed as a qualification for a variety of Higher Education courses.

A Mathematics qualification is vital for some subjects, such as Engineering and Physics, and useful for others, such as Biochemistry and Economics.

Career Options

Many Mathematics graduates work in Accountancy, Computing, Engineering, Management or Teaching.

Mandatory Units

This course covers Pure Mathematics, Mechanics and Statistics.

Pure Mathematics includes Algebra, Graphs, and Trigonometry.

Mechanics is the study of moving objects, and Statistics is the study of data.

Contact Details

For further information please contact T: 0161 886 7070 or E: info@trafford.ac.uk

Disclaimer

Although every care has been taken to ensure that the information contained within this document is accurate, there may be changes to this programme and provision. We will endeavour to keep prospective and current students updated where appropriate and when the information becomes available.