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THE CHEADLE COLLEGE

A Level in Mathematics

Location	Cheadle College
Course Type	College 16-18
Department	A Levels
Start Date	Tuesday 1st September 2026
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

PLEASE NOTE - YOU MUST APPLY FOR 3 A LEVELS

Standard A Level entry requirements: 5 x GCSE grade 5's or above (must include Maths and English Language). However, certain subjects may have additional entry criteria, which can be found below:

Additional Entry Requirements:
A Level Maths will require grade 6 in GCSE Maths

This subject must also be studied alongside at least one other science-based (Maths, Biology, Chemistry, Physics) course.

What You Will Learn

Maths can provide you with the problem solving and analytical skills that are useful in almost every career path and it is very highly regarded by many employers. You will have the opportunity to take part in the Senior Maths Challenge which will test your logic and ability to solve problems. There is a trip to see the Maths in Action Show in the first term.

Mathematics goes well with every subject and it is probably the most marketable A Level in terms of acceptability. There are good economic reasons for studying Mathematics and it is difficult to think of any further education course or career where it would not be welcomed in combination with other subjects.

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.