



## MATHS GCSE

**THIS COURSE IS DESIGNED FOR STUDENTS WHO HAVE STUDIED GCSE MATHEMATICS AT SCHOOL AND NEED TO IMPROVE THEIR GRADE. THIS COURSE COVERS A WIDE RANGE OF TOPICS SELECTED TO GIVE STUDENTS A GENERAL MATHEMATICAL KNOWLEDGE THAT CAN BE APPLIED ACROSS A WIDE VARIETY OF CAREERS AND FURTHER COURSES.**

### QUALIFICATION

GCSE

### LEVEL

LEVEL 2

### CURRENT EXAM BOARD

AQA

### TOPICS YOU'LL COVER

- Number work: e.g. Fractions, percentages
- Algebra: e.g. Formulae, equations of graphs
- Ratio & proportion
- Geometry & measure: e.g. Area, volume, angles, pythagoras' theorem
- Probability
- Statistics: e.g. Charts, graphs, averages

### SKILLS DEVELOPED

- You will learn to manipulate algebra and solve equations
- You will learn to interpret and solve problems, working both individually and collaboratively
- You will learn how to link mathematical skills together to solve multi-stage problems
- You learn to analyse data with the use of averages and statistical diagrams.

### ASSESSMENT

There are three one and a half hour examinations: two calculator papers and one non-calculator paper.

There is an opportunity for students to be take their examinations in November. All remaining students will then be assessed by examination at the end of the year.

### ENRICHMENT OPPORTUNITIES

There is a weekly maths workshop where students can work online on their maths accounts or practise papers or puzzles with members of the maths team.

### ENTRY REQUIREMENTS

A grade 3 in GCSE maths or a successful initial assessment taken at the college.

### PROGRESSION POSSIBILITIES

#### FURTHER COLLEGE STUDY OPTIONS:

Students gaining a grade 5 in GCSE Mathematics may progress onto Core Maths at Level 3.

**Additional Information:** This course can also be taken as an adult evening class.

**Disclaimer:** Information in this course leaflet is for September 2021 entry and is accurate at time of printing. All information provided is subject to change and may be updated during the academic year. Courses offered by the College are subject to change and are reviewed on an annual basis.