

FURTHER MATHS A-LEVEL

Course Mode	Part-time
Location	Milnthorpe Road Campus (MRC)
Duration	2 Years
Level	3



Course Overview

On the AS/A-Level Further Mathematics course, you will be in class for 4 hours a week. You will complete the AS Level in the first year and the full A-Level in the second year. This course is designed to be taken in tandem with AS/A2 mathematics, with both AS courses to be sat in year 1. Both courses follow the new specification beginning in the 17/18 year.

The topics support those learned in A-Level Mathematics, with additional techniques in calculus, trigonometry and methods of proof with an increased focus on unstructured tasks, and flexibility over the choice of applied units, which can be taken from mechanics, statistics, and discrete mathematics, with an increased emphasis on modelling and data analysis to reflect the modern economy.

The course can be taken in the following ways:

- Within KC Sixth with another two, possibly three A-Levels, tutorial and optional EPQ and Core maths
- As an 'add on' to a Full Time Level 3 Study Programme at the College, for example alongside a BTEC Extended Diploma
- As a stand-alone part-time course

AS further mathematics encompasses a number of topics, including but not restricted to:

- Constructing mathematical arguments and methods of proof
- Complex numbers
- Matrices and vectors
- Equations in Cartesian, parametric and polar form
- Topics from mechanics, statistics and/or discrete mathematics

The full A Level further mathematics programme covers the above at a greater depth.

Both AS and A Levels have written examinations in May/June. You will complete two 1 hour 30 minute papers in year 1 and three papers in year 2.

If you would like to study a full-time programme of A-levels, please complete a full-time application form.

Entry Requirements

The entry requirements for this course are:

5 GCSEs at Grade 5 or above (A*-C) which must include English Language.

GCSE Maths at Grade 9 (or A*).

Offers based on mathematics qualifications achieved at post-college level will be agreed during the application process.

If you would like to study this course part-time, please contact the tutor:

Andrew Hawkins: Andrew.Hawkins@kendal.ac.uk

If you would like to study a full-time programme of A-levels, please complete a full-time application form.

After your course

An A level in further mathematics, when combined with other A-Levels, is an excellent preparation for study at degree level, especially in the science, technology, engineering and mathematics fields, and well respected by universities.

Mathematics is a highly respected academic subject and advanced qualifications in mathematics provide career opportunities in a number of sectors, especially within the areas of engineering, industry, finance, operational research and education.

Further mathematics will enable you to will develop the deeper skills of analysis, reasoning and critical thinking which are much sought after even in careers without a specifically mathematical focus.

Fees

£724.00

The fee displayed is the course fee. Course fees are per year for full-time & degree-level courses, and per course for part-time courses.

There may be other costs associated with this course e.g. kit, equipment, books, trips etc. Financial support may be available to support you with these. See the [Student Money](#) pages for more information.

Courses Fees

The current full-time & degree-level fee information is related to the 2021/22 academic year and is subject to change before the start of the course. Fees for 2022/23 will be updated in the Spring Term 2022. There may also be additional costs associated with the course.

Entry Level, Level 1 & Level 2 Courses

You may qualify for financial support to cover the cost of a government-funded qualification if any of the below apply to you:

- Receive an eligible means-tested benefit e.g. JSA, ESA or Universal Credit
- Have an annual salary of less than £17,374.50
- Were aged 16-18 on 31/08/21 and are not studying at another school/college
- Were aged 19 or over on 31/08/21 and do not already have a Level 1 or 2 qualification
- Have a household income under £25,000 and are in financial hardship

See the [Student Money](#) pages for more information.

Student Finance (Degree-Level Courses)

Whether you qualify for student finance depends on specific criteria. The main student finance package for full-time students includes a tuition fee loan and maintenance loan for living costs. Part-time students can access a tuition fee loan to pay for your course. Generally, you will only get student finance if you're doing your first degree-level qualification. This is true even if your previous course was self-funded. For further information please see www.gov.uk/student-finance.

The Access to Learning Fund is a non-repayable discretionary fund that gives students facing hardship extra financial support to access and remain in higher education. This can be accessed via the college. Please speak to [Student Services](#) for more information.