



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

Course fees are per year. The current fee information is related to the 2019/20 academic year and is subject to change before the start of the course. Fees for 2020/21 will be updated in the Spring Term. There may also be additional costs associated with the course.

This course is funded by the government and may be free if you are:

- Aged 16-18 on 31/08/19

- Aged 19-23 on an Entry Level or Level 1 course with intent to progress to a Level 2 course
- Aged 19-23 on your first full Level 2 or Level 3 course
- Aged 19-23 on your first Level 4 course (if you haven't already got a Level 3 qualification)
- Aged 19+ on Functions Skills or GCSE English or Maths
- Unemployed and in receipt of JSA/ESA(WRAG)/Universal Credit or another eligible state benefit on an Entry Level, Level 1 or Level 2 course
- Member of a low income household & in financial hardship on an Entry Level, Level 1 or Level 2 course