

## Mathematics (Higher)

North East Scotland College

### Venues

Aberdeen Altens Campus

### Content

Higher Maths consists of three separate units which involve investigation and analysis of the following topics:

D321 12 Mathematics 1: straight lines, algebra, sets and functions, graph of functions, trigonometry (graphs and equations), recurrence relations, calculus: differentiation.

D322 12 Mathematics 2: polynomials, quadratic functions, calculus: integration, 3D trigonometry, addition formulae, circle.

D323 12 Mathematics 3: 2D and 3D vectors, further calculus, exponential and logarithmic functions, trigonometric waves

Each unit has its own end of unit assessment which is conducted under closed book conditions. There is also an external examination consisting of questions from all three units, which is completed in May. There are two papers taken on one day - one paper must be completed without the use of a calculator, while the use of a calculator is allowed in the second paper.

Monday - 5.45pm - 9.00pm

### Start Date

August

### Qualification

Higher

### Study Method

Part time (evening)

### Course Length

32 weeks

### Department

Highers, National Qualifications and Units

## Entry Requirements

National 5 Maths at A or B

## SCQF Level

6

## Progression Routes

«ProgressionRoutes»

## Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

## Address

Gallowgate Centre  
Gallowgate  
Aberdeen  
Aberdeen City  
AB25 1BN

## Website

[www.nescol.ac.uk](http://www.nescol.ac.uk)