

Mathematics Unit 2: Applications in Algebra and Calculus (Advanced Higher Unit)

North East Scotland College

Venues

Off campus

Content

The general aim of the Unit is to develop advanced knowledge and skills that involve the application of algebra and calculus to real-life and mathematical situations, including applications of geometry. Learners will acquire skills in interpreting and analysing problem situations where these skills can be used.

The Outcomes cover the binomial theorem, the algebra of complex numbers, properties of functions, rates of change and volumes of revolution. Aspects of sequences and series are introduced, including summations, proved by induction.

Start Date

Flexible

Qualification

Other

Study Method

Distance and Flexible learning

Course Length

2 months

Department

Highers, National Qualifications and Units

Entry Requirements

You are required to have a Higher Mathematics qualification.

SCQF Level

7

SCQF Points

«SCQFPoints»

Progression Routes

On successful completion of this course, learners could progress to a course in Higher Education - for example a degree or Higher National Diploma in mathematics or in a mathematics-related area.

Combination Courses

«htmlCombinationCourse»

«htmlCombinationUCASCode»

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