

### **If you have >>**

enjoyed GCSE Mathematics and gained a pass at grade 6 or above.

### **You can >>**

apply to enrol on the Mathematics A level Course.

### **This will mean >>**

you will have gained a valuable and broad based qualification in Mathematics.

### **This course will appeal to any student who >>**

wishes to study mathematics, engineering or physics at university or who simply enjoys challenging their mathematical understanding.

### **You will >>**

develop your Mathematical argument, language and proof and be able to problem solve within a variety of different interesting mathematical areas such as

- Proof
- Algebra and functions
- Coordinate geometry in the (x,y) plane
- Sequences and series
- Trigonometry
- Exponentials and logarithms
- Differentiation
- Integration
- Numerical methods
- Vectors
- Statistical sampling
- Data presentation and interpretation
- Probability
- Statistical distributions
- Statistical hypothesis testing
- Quantities and units in mechanics
- Kinematics
- Forces and Newton's laws
- Moments

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# NDSB6

## Course Modules are >>

A2 Exam consists of three two hour papers each worth a third of the A level.

Paper 1 mainly Pure Maths content.

Paper 2 Pure Maths and the Mechanics content.

Paper 3 Pure Maths and the Statistics content.

## With this subject you could >>

enter virtually any Higher Education course which has a scientific or statistical element. The qualification is also highly regarded by most employers in similar fields. In short this is one of the most valuable A Level courses on offer.

## For more information contact >>

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