



## Higher Maths Revision Course - Schedule

**Tuesday 9th April, 10:30 – 13:00 & 14:30 – 17:00**

### Polynomials

Quadratics  
Using the Discriminant  
Polynomial Factors  
Factors & Graphs

### Trigonometry

CAST Method  
Degree and Radians  
Equations with Double Radians  
The Wave Function

**Wednesday 10th April, 10:30 – 13:00 & 14:30 – 17:00**

### Differentiation

The Power Rule  
The Chain Rule  
Derivatives of Trig Functions  
Chain Rule for Trig Functions  
Gradients of Tangents  
Stationary Points  
Optimization

### Integration

The Power Rule  
The Reverse Chain Rule  
Integrating Trig Functions  
Area Under a Curve  
Area Between Curves  
Differential Equations

**Thursday 11th April, 10:30 – 13:00 & 14:30 – 17:00**

### Straight Lines & Circles

The Equation of a Circle  
Lines & Circles  
Straight Lines

### Logarithms & Vectors

Logarithms & Exponentials  
Properties (Laws) of Logarithms  
Equations with Logarithms  
Vectors