

Subject: Mathematics	
Examination Board: Edexcel	Specification code: 9MA0
Module/Paper	Content
Paper 1: Pure Mathematics 1 (9MA0/01) <i>(This will be similar to the old syllabus AS pure content: C1/C2)</i>	<ol style="list-style-type: none"> 1. Proof 2. Algebra & Functions 3. Co-ordinate Geometry 4. Sequences & Series 5. Trigonometry 6. Exponentials & Logarithms 7. Differentiation 8. Integration 9. Vectors
Paper 2: Pure Mathematics 2 (9MA0/02) <i>(This will be similar to the old syllabus A2 pure content: C3/C4)</i>	<ol style="list-style-type: none"> 1. Proof 2. Algebra & Functions 3. Co-ordinate Geometry 4. Sequences & Series 5. Trigonometry 6. Differentiation 7. Integration 8. Numerical Methods
Paper 3: Statistics & Mechanics (9MA0/03) <i>(This will be similar to the old syllabus content: S1/M1, but includes some S2 and M2)</i>	<p>Statistics</p> <ol style="list-style-type: none"> 1. Sampling 2. Data representation & interpretation 3. Probability 4. Statistical Distributions 5. Hypothesis Testing <p>Mechanics</p> <ol style="list-style-type: none"> 1. Quantities & Units 2. Kinematics 3. Forces & Newton's laws of motion 4. Moments
<p>What students can expect from the course:</p> <p>The is a new course. The content is entirely prescribed and matches qualifications offered by AQA and OCR. It will provide a thorough preparation for maths-related undergraduate degree courses such as mathematics, engineering, science or economics. It will be rigorous and only students with high aptitude, a love of maths and deep determination should attempt the course. Homework will be set every lesson and collaborative, peer-to-peer learning is an expectation.</p> <p>You will need to purchase a new calculator such as the Casio fx-991es plus, or equivalent.</p>	
<p>Expected GCSE qualifications:</p> <p>We recommend students have achieved a Grade 7 in Maths to be successful at A Level.</p>	