



Course title	A level Mathematics																																																								
Awarding body and syllabus number	Edexcel AS 8371 – (Core 1 6663, Core 2 6664, Statistics 1 6683) A2 9371 – (Core 3 6665, Core 4 6666, Statistics 2 6684)																																																								
Content	<p>Core: 1 Algebra and functions; coordinate geometry in the (x, y) plane; sequences and series; differentiation; integration.</p> <p>Core: 2 Algebra and functions; coordinate geometry in the (x, y) plane; sequences and series; trigonometry; exponentials and logarithms; differentiation; integration.</p> <p>Statistics: 1 Mathematical models in probability and statistics; representation and summary of data; probability; correlation and regression; discrete random variables; discrete distributions; the Normal distribution.</p> <p>Core: 3 Algebra and functions; trigonometry; exponentials and logarithms; differentiation; numerical methods.</p> <p>Core: 4 Algebra and functions; coordinate geometry in the (x, y) plane; sequences and series; differentiation; integration; vectors.</p> <p>Statistics: 2 The Binomial and Poisson distributions; continuous random variables; continuous distributions; samples; hypothesis tests.</p>																																																								
Assessment	<p>Students are assessment through 6 written papers. Core 1, 2 and Statistics 1 is assessed at the end of year 12. Core 3, 4 and Statistics 2 is assessed at the end of year 13.</p> <table border="1"> <thead> <tr> <th>Unit number</th> <th>Unit title</th> <th>Unit code*</th> <th>Level</th> <th>Method of assessment</th> <th>Availability</th> <th>AS weighting</th> <th>GCE weighting</th> </tr> </thead> <tbody> <tr> <td>C1</td> <td>Core Mathematics 1</td> <td>6663</td> <td>AS</td> <td>1 written paper</td> <td>June</td> <td>33.3% of AS</td> <td>16.67% of Advanced GCE</td> </tr> <tr> <td>C2</td> <td>Core Mathematics 2</td> <td>6664</td> <td>AS</td> <td>1 written paper</td> <td>June</td> <td>33.3% of AS</td> <td>16.67% of Advanced GCE</td> </tr> <tr> <td>C3</td> <td>Core Mathematics 3</td> <td>6665</td> <td>A2</td> <td>1 written paper</td> <td>June</td> <td>33.3% of AS</td> <td>16.67% of Advanced GCE</td> </tr> <tr> <td>C4</td> <td>Core Mathematics 4</td> <td>6666</td> <td>A2</td> <td>1 written paper</td> <td>June</td> <td>33.3% of AS</td> <td>16.67% of Advanced GCE</td> </tr> <tr> <td>S1</td> <td>Statistics 1</td> <td>6683</td> <td>AS</td> <td>1 written paper</td> <td>June</td> <td>33.3% of AS</td> <td>16.67% of Advanced GCE</td> </tr> <tr> <td>S2</td> <td>Statistics 2</td> <td>6684</td> <td>A2</td> <td>1 written paper</td> <td>June</td> <td>33.3% of AS</td> <td>16.67% of Advanced GCE</td> </tr> </tbody> </table>	Unit number	Unit title	Unit code*	Level	Method of assessment	Availability	AS weighting	GCE weighting	C1	Core Mathematics 1	6663	AS	1 written paper	June	33.3% of AS	16.67% of Advanced GCE	C2	Core Mathematics 2	6664	AS	1 written paper	June	33.3% of AS	16.67% of Advanced GCE	C3	Core Mathematics 3	6665	A2	1 written paper	June	33.3% of AS	16.67% of Advanced GCE	C4	Core Mathematics 4	6666	A2	1 written paper	June	33.3% of AS	16.67% of Advanced GCE	S1	Statistics 1	6683	AS	1 written paper	June	33.3% of AS	16.67% of Advanced GCE	S2	Statistics 2	6684	A2	1 written paper	June	33.3% of AS	16.67% of Advanced GCE
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Teaching Methods	Nine lessons over two weeks (six core lessons and three Statistics lessons). No coursework																																																								
Special requirements	Core 1 is non-calculator. The use of a calculator is allowed for all other modules.																																																								