

## Edexcel A Level Further Mathematics

Exam Board	Content Overview			Assessment (Inc. Weighting)		
<p><b>Edexcel</b></p>	<p><b>1. Pure Mathematics</b></p> <p>2 exams each of 1 hour and 30 minutes Each exam is worth 75 marks 50% of overall A-level</p> <p>Proof Complex numbers Matrices Further algebra and functions Further calculus Further vectors Polar coordinates Hyperbolic functions Differential equations</p>	<p><b>2. Mechanics</b></p> <p>Exam of 1 hour and 30 minutes 75 marks 25% of overall A-level</p> <p>Momentum and impulse Work, energy and power Elastic strings and springs Elastic collisions in one and two dimensions</p>	<p><b>3. Statistics</b></p> <p>Exam of 1 hour and 30 minutes 75 marks 25% of overall A-level</p> <p>Discrete random variables Probability distributions Hypothesis testing Central limit theorem Chi squared tests Probability generating functions</p>	<p><b>1. Pure Mathematics</b></p> <p>Each paper may contain content from any topic in the pure mathematics course.</p> <p>All questions must be answered</p> <p>Calculators <b>are</b> allowed</p>	<p><b>2. Mechanics</b></p> <p>All questions must be answered</p> <p>Calculators are allowed</p>	<p><b>3. Statistics</b></p> <p>All questions must be answered</p> <p>Calculators are allowed</p>