

**2019 SENIOR COURSE INFORMATION**

Subject                                  Mathematics  
 Head of Department                  Colin Green

	<b>Year 11 - 102</b>	<b>Year 12 - 202</b>
<b>Course Content</b>	Number Linear Algebra Measurement Trigonometry Bivariate Data Chance and Data	Co-ordinate Geometry Trigonometry Systems of Equations Simulations Networks Probability Methods Experiments
<b>Pre Requisites</b>	Nil	12 Level 1 credits
<b>Assessment</b>	<p><b><u>102</u></b></p> <p><b>External</b>  <b>1.12</b> Demonstrate understanding of chance and data  <b>4 credits</b></p> <p><b>Internals</b>  <b>1.1</b> Apply Numeric Reasoning in solving problems  <b>4 credits</b>  <b>1.4</b> Apply Linear Algebra in solving problems <b>3 credits</b>  <b>1.5</b> Apply Measurement in Solving Problems <b>3 credits</b>  <b>1.7</b> Apply right-angled triangles in solving measurement problems <b>3 credits</b>  <b>1.11</b> Investigate bivariate numerical data using the statistical enquiry cycle <b>3 credits</b>  <b>20 credits</b></p>	<p><b><u>202</u></b></p> <p><b>External</b>  <b>2.12</b> Apply Probability Methods in Solving problems <b>4 credits</b></p> <p><b>Internals</b>  <b>2.1</b> Apply Coordinate Geometry Methods in Solving problems <b>2 credits</b>  <b>2.4</b> Apply Trigonometric Relationships in solving problems <b>3 credits</b>  <b>2.13</b> Investigate a situation involving elements of chance using a simulation <b>2 credits</b>  <b>2.14</b> Apply systems of equations in solving problems <b>2 credits</b>  <b>2.5</b> Use Networks in solving problems <b>2 credits</b>  <b>2.10</b> Conduct an experiment using statistical methods <b>3 credits</b>  <b>18 credits</b></p>
<b>Costs</b>	Class Workbooks TBA Graphics Calculator	Class Workbooks TBA Graphics Calculator