

2019 SENIOR COURSE INFORMATION

Subject
Head of Department

Mathematics
Colin Green

| | Year 11 – 101 | Year 12 - 201 |
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| Course Content | Number Algebra MCAT Tables, Equations and Graphs Right Angled Triangles Bivariate Data Chance and Data There is some scope for change according to class abilities. | Graphical Models Trigonometric Relationships Algebra Calculus Probability Methods |
| Pre Requisites | | Must have MCAT Algebra 1.2 Ideally have 2 of Graphs and Tables 1.3 Geometrics Reasoning 1.6 Chance and Data 1.12 |
| Assessment | <u>101</u> Externals 1.2 Apply algebraic methods in solving equations MCAT 4 credits - please note : the MCAT = Mathematics Common Assessment Task is sat during Term 3 1.3 Investigate relationships between tables, equations and graphs 4 credits 1.12 Demonstrate understanding of chance and data 4 credits Internals 1.1 Apply numeric reasoning in solving problems 4 credits 1.7 Apply right-angled triangles in solving measurement problems 3 credits 1.10 Investigate bivariate numerical data set using the statistical enquiry cycle 3 credits 22 credits | <u>201</u> Externals 2.6 Apply Algebraic Methods in Solving problems 4 credits 2.7 Apply Calculus Methods in Solving problems 5 credits 2.12 Apply Probability Methods in Solving problems 4 credits Internals 2.2 Apply Graphical Methods in Solving problems 4 credits 2.4 Apply Trigonometric Relationships in Solving problems 3 credits 20 credits |
| Costs | Class Workbooks for Internals and Externals Approx cost \$37.00 Graphical Calculator TBA | Class Workbooks for Internals and Externals Approx cost \$30.00 Graphical Calculator TBA |