



## ASSESSMENT OUTLINE MATHEMATICS APPLICATIONS – ATAR YEAR 12: 2021 UNIT 3 AND UNIT 4



| Assessment Type | Assessment Type Weighting | Assessment Task Weighting | Due Date   | Assessment Task  | Syllabus Content  |
|-----------------|---------------------------|---------------------------|--|--|---|
| Response        | 40%                       | 6%                        | Term 1, Week 4                                   | Test 1   | Bivariate Data Analysis                                     |
|                 |                           | 7%                        | Term 1, Week 8                                   | Test 2   | Growth and Decay  |
|                 |                           | 7%                        | Term 2, Week 4                                   | Test 3   | Graphs and Networks   |
|                 |                           | 6%                        | Term 2, Week 10                                  | Test 4   | Time Series Analysis  |
|                 |                           | 7%                        | Term 3, Week 3                                   | Test 5   | Loans, Investments & Annuities                              |
|                 |                           | 7%                        | Term 3, Week 7                                   | Test 6   | Networks and Decision Mathematics                           |
| Investigation   | 20%                       | 10%                       | Term 1, Weeks 5-7                                | Investigation 1  | Bivariate data analysis - Statistical Investigation Process |
|                 |                           | 10%                       | Term 3, Week 4-6                                 | Investigation 2  | Loans, Investments & Annuities                              |
| Examination     | 40%                       | 15%                       | Semester 1 Examination<br>Term 2,<br>Weeks 6 & 7 | <b>Semester 1 examination</b> – Section One: calculator-free (35%), Section Two: calculator-assumed (65%). Question selection from Unit 3 content knowledge, skills and processes            |   |
|                 |                           | 25%                       | Semester 2 examination<br>Term 3<br>Weeks 9 & 10 | <b>Semester 2 examination</b> – Section One: calculator-free (35%), Section Two: calculator-assumed (65%). Question selection from Unit 3 and Unit 4 content knowledge, skills and processes |   |
| <b>Total</b>    | <b>100%</b>               | <b>100%</b>               |  |  |   |

**PLEASE NOTE:** ASSESSMENT DATES MAY CHANGE DUE TO SCHOOL COMMITMENTS AND CHANGES TO THE SCHOOL CALENDAR