



MATHEMATICS ADVANCED -2022

HSC COURSE ASSESSMENT INFORMATION & ASSESSMENT SCHEDULE

| Syllabus Components | Syllabus Weightings | Task 1 | Task 2 | Task 3 | Task 4 |
|--|--------------------------------------|---|---|--|-------------------------------------|
| | | Topic / Content | Topic / Content | Topic / Content | Topic / Content |
| | | Graphing Techniques, Differentiation of Trigonometry, Exponentials and Logs | The First and Second Derivative, Applications of Derivatives, Areas and the Definite Integral | Data and Summary Statistics, Bivariate Data Analysis, Continuous Random Variable | All Topics |
| | | Course Outcomes M12-1, M12-3, M12-6, M12-9, M12-10 | Course Outcomes M12-3, M12-6, M12-7, M12-9, M12-10 | Course Outcomes M12-8, M12-9, M12-10 | Course Outcomes M12-1 to ME12-10 |
| Task Type Class Test | Task Type Extended Modelling Task | Task Type Assignment | Task Type Trial HSC Examination | | |
| Understanding, Fluency and Communication | 50% | 12% | 10% | 13% | 15% |
| Problem Solving, Reasoning and Justification | 50% | 13% | 10% | 12% | 15% |
| Assessment Weighting: | | 25% | 20% | 25% | 30% |
| Date Due: | | Term 1 Week 9 | Term 2 Week 9 | Term 3 Week 7 | Term 4 Week 5-6 |

