



## ASSESSMENT OUTLINE MATHEMATICS SPECIALIST– ATAR YEAR 12: 2022 UNIT 3 AND UNIT 4



Assessment type	Assessment type weighting	Assessment task weighting	When/due date/ start and submission date	Assessment task	Syllabus content
Response	40%	10%	Term 1 Week 7	Test 1	Complex Numbers Functions and sketching graphs
		10%	Term 2 Week 4	Test 2	Functions and sketching graphs Vectors
		10%	Term 3 Week 3	Test 3	Rates of change and differential equations Integration and applications of integration
		10%	Term 3 Week 7	Test 4	Rates of change and differential equations Statistical inference
Investigations	20%	10%	Term 1 Weeks 4-6	Investigation 1	Complex Numbers
		10%	Term 3 Weeks 3-5	Investigation 2	Integration and applications of integration
Examinations	40%	15%	Term 2 Weeks 6-7	Semester One Exam: Section One: calculator-free, Section Two: calculator-assumed. Question selection from Unit 3 content knowledge, skills and processes	Complex numbers Functions and sketching graphs Vectors in three dimensions
		25%	Term 3 Weeks 9-10	Semester two Exam: Section One: calculator-free, Section Two: calculator-assumed. Question selection from Unit 3 and Unit 4 content knowledge, skills and processes	Complex numbers Functions and sketching graphs Vectors in three dimensions Integration and applications of integration Rates of change and differential equations Statistical inference
<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