



ASSESSMENT OUTLINE
PHYSICS 12 – 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 |
|-----------------|---------------------------|---------------------------|--|--|---|
| Science Enquiry | 20% | 5 | Term 1 Week 2 | Task 1: Investigation – Incline Plane | Motion on incline planes |
| | | 7.5 | Term 2 Week 10 | Task 6: Evaluation and Analysis – Quantum Theory | Quantum theory & Special Relativity |
| | | 7.5 | Term 1 Week 5 | Task 2: Experiment – Circular Motion | Centripetal Motion |
| Tests | 30% | 7.5 | Term 1 Week 6 | Task 3: Motion, Gravity & Orbits Test | Projectiles, circular motion and equilibrium Motion in gravity and orbital motion |
| | | 7.5 | Term 2 Week 2 | Task 4: Elec Fields, Motors & Induction Test | Electric fields, electrostatics, Magnetic fields, motors induction and generators |
| | | 7.5 | Term 3 Week 3 | Task 7: Special Relativity & Waves Test | Special Relativity & Duality of Light |
| | | 7.5 | Term 3 Week 7 | Task 8: Quantum Theory & Standard Model Test | Quantum theory & Standard model Test |
| Exams | 50% | 20 | End of Semester 1 | Task 5: Semester 1 Exam – Unit 3 Content | Unit 3 content |
| | | 30 | End of Semester 2 | Task 9: Semester 2 Exam – Unit 3 & 4 Content | Unit 3 & 4 content |
| Total | 100% | 100% | | | |

PLEASE NOTE: Dates of this outline are estimates only and may vary. Students will be given at least one weeks' notice of any major changes