



Term	Week	YEAR 12 HSC PHYSICS – 2026 SCOPE & SEQUENCE
4	1	Module 5 Advanced Mechanics (36 hours)
	2	Outcomes PH11/12-2, PH11/12-3, PH11/12-4, PH11/12-5, PH11/12-6, PH11/12-7, PH12-12
	3	Projectile motion
	4	Circular motion
	5	Motion in gravitational fields
	6	
	7	Major Assessment:
	8	Processing/modelling Task
	9	
1	1	Module 6 Electromagnetism (36 hours including depth study)
	2	Outcomes PH11/12-1, PH11/12-2, PH11/12-3, PH11/12-4, PH11/12-5, PH12-13
	3	
	4	Charged Particles, Conductors and Electric and Magnetic Fields
	5	The Motor Effect
	6	Electromagnetic Induction
	7	Applications of the Motor Effect
	8	Major Assessment:
	9	Electromagnetism Depth study
2	1	Module 7 The Nature of Light (25 hours)
	2	Outcomes PH11/12-1, PH11/12-2, PH11/12-3, PH11/12-4, PH11/12-5, PH11/12-6, PH11/12-7, PH12-14
	3	
	4	Electromagnetic spectrum
	5	Light: Wave model
	6	Light: Quantum model
	7	Light and special relativity
	8	Major Assessment:
	9	In-class Data analysis – The nature of light
	10	Module 8 From the Universe to the Atom (25 hours)
3	1	Outcomes PH11/12-1, PH11/12-2, PH11/12-3, PH11/12-4, PH11/12-7, PH12-15
	2	Origins of the elements
	3	Structure of the atom
	4	Quantum mechanical nature of the atom
	5	Properties of the nucleus
	6	Deep inside the atom
	7	Major Assessment:
	8	Trial HSC Examination
	9	Revision and HSC Preparation
	10	

