Hills Grammar

SCOPE AND SEQUENCE STATEMENT: YEAR 11 PHYSICS 2025

TERM 1	1	2	3	4	5	6	7	8	9	10	11
OVERALL TOPIC	**Module 1: Kinematics**						**Module 2: Dynamics**				
OVERVIEW	Students are introduced to the characteristics, measurements, and analysis of motion.						Students are introduced to forces on objects and the results of forces in systems. Depth study – 5 hours				
OUTCOMES	PH11/12-1, PH11/12-2, PH11/12-3, PH11/12-4, PH11/12-5, PH11/12-6, PH11-8						PH11/12-1, PH11/12-2, PH11/12-3, PH11/12-4, PH11/12-5, PH11/12-6, PH11-9				
ASSESSMENT							AT1 In Class Practical – 30% **(Week 11)**				
11 WEEKS 44 HOURS											

TERM 2	1	2	3	4	5	6	7	8	9
OVERALL TOPIC	**Module 2**			**Module 3: Waves and Thermodynamics**					
OVERVIEW	(Cont.)			Students are introduced to wave characteristics and behaviour. Students also study subsequent movement of energy and its modes of behaviour. Depth study – 6 hours					
OUTCOMES	(Cont.)			PH11/12-3, PH11/12-4, PH11/12-6, PH11/12-7, PH11-10					
ASSESSMENT				AT2 Depth Study – 30% **(Week 8)**					
9 WEEKS 36 HOURS									

TERM 3	1	2	3	4	5	6	7	8	9	10
OVERALL TOPIC	**Module 4: Electricity and Magnetism**									
OVERVIEW	Students are introduced to characteristics and features of charges and associated fields. They are then introduced to applications of flowing charges and subsequent magnetic phenomenon. Depth study – 4 hours							EXAMS AT3 Yearly Examination – 40%		
OUTCOMES	PH11/12-2, PH11/12-3, PH11/12-5, PH11/12-6, PH11/12-7, PH11-11									
ASSESSMENT										
10 WEEKS 40 HOURS										

TERM 4	1	2	3	4	5	6	7	8
OVERALL TOPIC	**Assessment for Learning**		YEAR 12 COURSE					
OVERVIEW								
OUTCOMES								
ASSESSMENT								
	2 WEEKS 8 HOURS							

TOTAL COURSE HOURS: 128 hours