

IB Physics Syllabus – HL

Mr. Catone
2013-2014 School Year

		HOURS	SEs
1ST SEMESTER			
1 st Six Weeks			
• Topic 1:	Physics and Physical Measurement	5	1, 2, 3
• Topic 2:	Mechanics	17	4A, ABCDEF
• Topic 9:	Motion in Fields	8	5A, BCDEH
• Topic 3:	Thermal Physics	7	6EFG
2 nd Six Weeks			
• Topic 10:	Thermal Physics	6	6EFG
• Topic 4:	Oscillations and Waves	10	7A, BCDEF
• Topic 11:	Wave Phenomena	12	7A, BCDEF
• Topic 5:	Electric Currents	7	5DEF
3 rd Six Weeks			
• Topic 6:	Fields and Forces	7	5A, BCDEH
• Topic 12:	Electromagnetic Induction	6	5G
• Topic 7:	Atomic and Nuclear Physics	9	5H, 8A, BCD
• Topic 13:	Quantum and Nuclear Physics	15	8A, BCD
2ND SEMESTER			
4 th Six Weeks			
• Topic 8:	Energy, Power and Climate Change	18	6A, BCD
• Topic 14:	Digital Technology	8	N/A
• Option H:	Relativity	10	N/A
5 th Six Weeks			
• Option H:	Relativity (cont)	12	N/A
• Option G:	Electromagnetic Waves	22	7A, BCDEF
6 th Six Weeks			
•	Course Review and Exam Prep		

NOTES:

- Course hours are according to the IB Physics Diploma Programme Guide, March 2007.
- SEs refer to the science TEKS, adopted March 2009 and updated August 2010, chapter 112, subchapter C, §112.39, and listed in TEA's STAAR Physics Assessment, Fall 2010.
- Topics 9-14 are extra core material for HL. Option hours are 22 for HL.

Physic Ib Hl Paper 1 2013

Marc Abrioux, Jill Rutherford



Physic Ib HL Paper 1 2013:

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