Arts & Science 2D06 – 2012/13 – Estimated Weekly Schedule – Term 1

Week	Beginning	Topic
1	Sep 3	One dimensional kinematics
2	Sep 10	One and Two dimensional kinematics
3	Sep 17	Forces, Newton's Laws ***[Quiz #1 – Thursday – Sept 20]***
4	Sep 24	Newton's laws of motion
5	Oct 1	Work, kinetic energy
6	Oct 8	Potential energy, energy conservation ***[Quiz #2 – Thursday – Oct 18]***
7	Oct 15	Energy conservation
8	Oct 22	Momentum and momentum conservation
9	Oct 29	Momentum conservation ***[Quiz #3 – Thursday – Nov 1]***
10	Nov 5	Special relativity
11	Nov 12	Special relativity
12	Nov 19	Special relativity ***[Quiz #4 – Thursday – Nov 22]***
13	Nov 26	Project presentations

Arts & Science 2D06 – 2012/13 – Estimated Weekly Schedule – Term 2

Week	Beginning	Topic
1	Jan 7	Fluid mechanics: hydrostatics
2	Jan 14	Fluid mechanics: fluids in motion
3	Jan 21	Simple harmonic motion ***[Quiz #5 – Thursday – Jan 24]***
4	Jan 28	Wave motion and wave phenomena
5	Feb 4	Interference phenomena in light
6	Feb 11	Interference of light ***[Quiz #6 – Thursday – Feb 4]***
7	Feb 18	Mid-term Recess
8	Feb 25	Historical quantum mechanics
9	Mar 4	Quantum mechanics and the atom
10	Mar 11	Uncertainty principle and other quantum ideas
11	Mar 18	Finish quantum mechanics ***[Quiz #7 – Thursday – Mar 21]***
12	Mar 25	General relativity
13	Apr 1	General relativity + Project Presentations
14	Apr 8	Project Presentations