

# Physics 106, Section 1

# Class Schedule

# Winter 2009

Mon	Tuesday	Wed	Thurs	Fri
1/5 Electric Charge 15:1-2		Electric Force 15: 3,4		Electric Field 15:5-6, 8
1/12 Electric potential 16:1-5 H1 Due 10 pm		Capacitance 16:6-8	H2 Due 10pm	Capacitance 16:9-10
1/19 Holiday Yes, H3 Due 10 pm		Current and Resistance 17:All	H4 Due 10pm	Emf and Resistors 18:1-3
1/26 Kirchoff's Rules 18:4 H5 Due 10 pm		RC circuits and house wiring 18:5-8	H6 Due 10pm	Exam 1 Review
2/2 Magnetic fields and Forces 19:1 – 5 <b>CUT OFF FOR H1-7</b> Due 10 pm <b>Exam 1...</b>	<b>Exam 1...</b> <b>Ch 15 - 18</b>	Magnetic fields and currents 19:5-8 <b>Exam 1, Fee, ends noon</b>	H8 Due 10pm	Current loops, solenoids mag. materials 19:9-10
2/9 Flux, Faraday & Lenz's Law 20:1-4 H9 Due 10 pm		Inductance, RL Law 20:6-8	H10 Due 10pm	no class
2/16 Holiday	Monday Instruction- But no class	AC Circuits 21:1-3	H11 Due 10pm	AC Circuits 21:5-6
2/23 Generators and Transformers 20:5 and 21:7 H12 Due 10 pm		Exam 2 Review	<b>CUT OFF FOR H8-13</b> 10pm <b>Exam 2...</b>	Reflection and Refraction 21:11,12 22:1-3 <b>Exam 2...</b> <b>Ch 19 - 21</b>
3/2 Dispersion 22:4-6 H14 Due 10 pm <b>Exam 2, Fee, ends noon</b>		Total internal reflection 22:7 Mirrors 23:1-3	H15 Due 10pm	Refraction 23:4-5 Color I
3/9 Lenses 23:6-7 H16 Due 10 pm		Optical Instruments 25:1-3	H17 Due 10pm	Micro-, telescope, light detection 25:4-5
3/16 Interference and films 24:1-4 H18 Due 10 pm		Diffraction 24:6-8	H19 Due 10pm	Polarization 24:9 Color II
3/23 Exam 3 review H20 Due 10 pm		Relativity 26:1-4	<b>CUT OFF FOR H14-21</b> 10pm <b>Exam 3...</b>	<b>No class</b> <b>Exam 3...</b> <b>Ch 22 – 25</b>
3/30 Rel. Momentum, Energy 26:5-7 H22 Due 10 pm <b>Exam 3, Fee, ends noon</b>		Quantized light 27:1-4	H23 Due 10pm	Quantized light 27:5-6 Lasers 28:7
4/6 Quantum: Matter waves 27:6-8 H24 Due 10 pm		Quantum mechanics Bohr atom 28:3 and more	H25 Due 10pm	Nuclear, Radioactivity 29:1-3
4/13 Nuclear decay processes 29:4-7 H26 Due 10 pm		H27 Due 10pm <b>CUT OFF FOR H22-27</b> 10pm		
<b>Final Exam covers Chapters 26, 27 and 29 ONLY and can be taken in the Testing Center anytime during finals week.</b>				