



## PHYSICS 1304 SCHEDULE, FALL 2008

Date	Reading, Tests, Quizzes	Homework Problems Assigned (7 <sup>th</sup> ed.):
Aug 26 T	Ch 23: Electric Fields	7, 9,11-13,16,24,29,39
Sep 4 Th	Ch 24: Gauss's Law HW Ch23 due; Quiz #1	1,4,6,9,15,19,26,29,31
Sep 11 Th	Ch 25: Electric Potential HW Ch24 due; Quiz #2	1,3,12,16,29,30,37,40
Sep 16 T	Ch 26: Capacitance	1,2,5,12,13,17-19
Sep 14 Th	HW Ch25 due; Test #1 (Ch 23-25)	
Sep 23 T	Ch 27: Current and Resistance Ch 28: Direct Current Circuits <b>HW Ch26 due</b>	5,11-13,15,23,27 1,5,9,15,17,22,25,27,30,32
Sep 30 T	Ch 29: Magnetic Fields Ch 30: Magnetic Field Sources HW Ch27-28 due; Quiz #3	1,3,7,25,27,38 1,10,18,24,25,39
Oct 7 T	Ch 31: Faraday's Law Ch 32: Inductance HW Ch29&30 due; Quiz #4	3,7,11,15,22,29,32,36,38 3,8,11,23,39,48,51,66
Oct 14 T	* no class (Fall Break)	
Oct 16 Th	HW Ch31&32 due; Test #2 (Ch 27-32) Ch 33: Alternating Currents	2,3,8,12,13,18,19,24,40
Oct 21 T	Ch 33: Alternating Currents; Ch 34: Electromagnetic Waves	7-9,15,19,23,29,59
Oct 28 T	Ch 35: Optics HW Ch33&34 due; Quiz #5	8,9,11,12,19,24,33
Nov 4 T	Ch 36: Geometric Optics HW Ch35 due; Quiz #6	3,6,9,21,28,29,31-33
Nov 5 W	*last drop date	
Nov 11 T	HW Ch36 due; Test #3 (Ch 33-36) Ch 37: Interference	1,2,7,24,25,30
Nov 18 T	Ch 38: Diffraction, Polarization HW Ch37 due; Quiz #7	4,11,13,18,22
Nov 25 T	Ch 40: Quantum Mechanics HW Ch38 due; Quiz #8	Q: 14-16, 18,20; P: 50
Nov 27 Th	Thanksgiving Day, * no class	
Dec 4 T	HW40 due; last day of classes	
Dec 8 M	Final Exam 11:30am-2:30pm	

## PHYSICS 1304 SCHEDULE, FALL 2008

Date	Reading, Tests, Quizzes	Homework Problems Assigned (6 <sup>th</sup> ed.):
Aug 26 T	Ch 23: Electric Fields	7, 8, 9, 14, 15, 20, 30, 35, 42
Sep 4 Th	Ch 24: Gauss's Law HW Ch 23 due; Quiz #1	1,4,10,11,19,23,28,34,35
Sep 11 Th	Ch 25: Electric Potential HW Ch 24 due; Quiz #2	3,6,18,22,37,38,45,48
Sep 16 T	Ch 26: Capacitance	1,2,7,16,17,21,23,34
Sep 14 Th	HW Ch25 due; Test #1 (Ch 23-25)	
Sep 23 T	Ch 27: Current and Resistance Ch 28: Direct Current Circuits <b>HW Ch26 due</b>	6,13,14,17,21,22,24 1,6,11,15,21,25,29,31,33,36
Sep 30 T	Ch 29: Magnetic Fields Ch 30: Magnetic Field Sources HW Ch&28 due; Quiz #3	1,3,8,11,13,21 1,7,16,23
Oct 7 T	Ch 31: Faraday's Law Ch 32: Inductance HW Ch29&30 due; Quiz #4	1, 3, 5, 10,13,20 1,12,15,29,48,51
Oct 14 T	* no class (Fall Break)	
Oct 16 Th	HW31&32 due; Test #2 (Ch 27-32) Ch 33: Alternating Currents	2,6,8,14,15,20,21,26,44
Oct 21 T	Ch 33: Alternating Currents; Ch 34: Electromagnetic Waves	2,3,5,11,15,26,59
Oct 28 T	Ch 35: Optics HW33&34 due; Quiz #5	8,10,12,13,21,25,36
Nov 4 T	Ch 36: Geometric Optics HW35 due; Quiz #6	3,7,11,21,28,30,33
Nov 5 W	*last drop date	
Nov 11 T	HW36 due; Test #3 (Ch 33-36) Ch 37: Interference	1,2,7,30,32,37
Nov 18 T	Ch 38: Diffraction, Polarization HW37 due; Quiz #7	4,11,20
Nov 25 T	Ch 40: Quantum Mechanics HW38 due; Quiz #8	Q:17-19, 21-23
Nov 27 Th	Thanksgiving Day, * no class	
Dec 4 T	HW40 due; last day of classes	
Dec 8 M	Final Exam 11:30am-2:30pm	

Relation of 6<sup>th</sup> and 7<sup>th</sup> edition problem numberings:

	<u>7<sup>th</sup> edition:</u>	<u>6<sup>th</sup> edition:</u>
Ch 23	7,9,12,16,24,29	7,9,15,20,30,35
Ch 25	1,3,12,16,29,30,37,40	3,6,18,22,37,38,45,48
Ch 26	1,2,5,12,13,17,18,19	1,2,7,16,17,21,24,23
Ch 27	5,12,13	6,13,17
Ch 28	1,5,9,15,17,22,25,27,32	1,6,11,15,21,25,29,31
Ch 29	1,25,27	1,11,13
Ch 30	1,18,25	1,16,23
Ch 31	3,7,11,15,22	3,5,10,13,20
Ch 32	8,11,40	12,15,51
Ch 33	2,12,13,18,19,24,40	2,14,15,20,21,26,44
Ch 34	7,8,9,15,19,59	2,3,5,11,15,59
Ch 35	9,11,12,19,24,33	10,13,12,21,25,36
Ch 36	3,6,9,21,28,29,31	3,7,11,21,28,30,33
Ch 37	1,2,7,24,25,30	1,2,7,30,32,37
Ch 38	4,11,18	4,11,20
Ch 40	Q14-16,18,20	Q 17-19,21,23