

Fall 2009 Course Schedule

PHYS 1101 – 001

Chapter/Topic	Lecture Date	HW due dates (tentative)
L1: <i>Introduction</i> Ch 1 – <i>Introduction & Mathematical Concepts</i> L2: 1.1 - 1.6 L3: Section 1.7 - 1.9, 1D Motion Diagrams (Online Motion Diagram Discussion)	Aug 24 Aug 26 Aug 31	
<u>Ch 2 – Kinematics in 1D</u> L4: 2.1 - 2.3	Sept 02	HW 1 due Sept 02 (beginning - 1.6, WebAssign student guide)
Sept 07 – no class (Labor day)		
<u>Ch 2 – Kinematics in 1D (...contd)</u> L5: 2.4 - 2.6 L6: 2.7 L7: 2.8, 2D motion diagrams, 3.1	Sept 09 Sept 14 Sept 16	HW 2 due Sept 09 (1.7-1.9, motion digs) HW 3 due Sept 16 (2.1 - 2.6)
<u>Ch 3 – Kinematics in 2D</u> L8: 3.2 L9: 3.3 - 3.5	Sept 21 Sept 23	HW 4 due Sept 23 (2.7 - 3.1)
<u>Ch 4 - Forces and Newton's laws of motion</u> L10: 4.1 - 4.5	Sept 28	
Review (Ch 1, 2, 3, motion diagrams)	Sept 30	HW 5 due Sept 30 (3.2 - 3.5)
Midterm Exam 1 (Ch 1, 2, 3, motion diagrams) <u>12:00 p.m. – 1:45 p.m., in GYMNS 229 (Belk Gym)</u>	Oct 02	
<u>Ch 4 - Forces and Newton's laws of motion (...contd)</u> L11: 4.6 - 4.10 L12: 4.11	Oct 05 Oct 07	HW 6 due Oct 07 (4.1 - 4.5)
Oct 12 – Oct 13 (Student Recess – no classes)		

*Refer to webassign for the actual HW due dates

Fall 2009 Course Schedule

<u>Ch 4 - Forces and Newton's laws of motion (...contd)</u> L13: 4.12 - 4.13	Oct 14	HW 7 due Oct 16 (4.6- 4.11)
<u>Ch 5 - Dynamics of uniform circular motion</u> L14: 5.1 - 5.3, 5.5, 5.8	Oct 19	
<u>Ch 6 - Work and Energy</u> L15: 6.1 - 6.2 L16: 6.3 - 6.5 L17: 6.6 - 6.7	Oct 21 Oct 26 Oct 28	HW 8 due Oct 28 (4.12 - 5.8)
<u>Ch 7 - Impulse and Momentum</u> L18: 7.1	Nov 02	
Review (Ch 4, 5, 6)	Nov 04	HW 9 due Nov 04 (6.1 - 6.7)
Midterm Exam II (Ch 4, 5, 6) 12:00 p.m. – 1:45 p.m., GYMNS 229 (Belk Gym)	Nov 06	
<u>Ch 7 - Impulse and Momentum (...contd)</u> L19: 7.2 - 7.3	Nov 09	
<u>Ch 8 - Rotational Motion</u> L20: 8.1 - 8.3 L21: 8.4 - 8.8 (except 8.7)	Nov 11 Nov 16	HW 10 due Nov 11 (7.1 - 7.3)
<u>Ch 9 - Rotational Dynamics</u> L22: 9.1 - 9.4	Nov 18	HW 11 due Nov 18 (8.1 – 8.8)
<u>Ch 10 - Simple Harmonic Motion</u> L23: 10.1 - 10.2	Nov 23	
Nov 25 – Nov 28 (Thanksgiving Break – no classes)		
<u>Ch 10 - Simple Harmonic Motion (...contd)</u> L24: 10.3	Nov 30	
Review (Ch 7, 8, 9, 10)	Dec 02	HW 12 due Dec 02 (9.1 – 10.3)
Midterm Exam III (Ch 7, 8, 9, 10) 12:00 p.m. – 1:45 p.m., GYMNS 229 (Belk Gym)	Dec 04	

*Refer to webassign for the actual HW due dates

Fall 2009 Course Schedule

<u>Ch 16 - Waves</u> L25: 16.1 – 16.3	Dec 07	
Review (final)	Dec 09	HW 13 due Dec 10 (16.1 – 16.3)
Final Exam (comprehensive) , in Fretwell 100 / 121 (Confirm time and room in academic calendar)	Dec 12 (8:00- 10:30 am)	

*Refer to webassign for the actual HW due dates