

PHYSICS 201 — SYLLABUS

SPRING 2008

LECTURES:	MWF 1:50 – 2:40 PM (HELD 107)	
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OFFICE HOURS:	MWF 3:10-4:10 PM (or by appointment)	
TEXTBOOK:	<i>COLLEGE PHYSICS — VOLUME ONE, 8TH EDITION</i> , Young & Geller	
WEB PAGE:	http://people.physics.tamu.edu/a-sattarov	
EVALUATION:	Midterm Examinations (3)	45%
	Comprehensive Final	30%
	Laboratory	10%
	Homework	10%
	Recitation Quizzes	5%

Academic Integrity Statement

“An Aggie does not lie, cheat, or steal, or tolerate those who do.” See <http://www.tamu.edu/aggiehonor/>

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COURSE OUTLINE:

WEEK	DATE	TOPIC	TEXT
1	Jan 14 M	Units / Coordinate Systems	1.1 — 1.6
	Jan 16 W	Vectors	1.7 — 1.8
	Jan 18 F	Vectors / Kinematics	1.7 — 1.8, 2.1 — 2.3
2	Jan 21 M	MLK Holiday	
	Jan 23 W	Kinematics	2.4 — 2.6
	Jan 25 F	Kinematics	3.1 — 3.2
3	Jan 28 M	Kinematics	3.2 — 3.3, 3.5
	Jan 30 W	Newton's Laws	4.1 — 4.2
	Feb 01 F	Newton's Laws	4.3 — 4.4
4	Feb 04 M	Newton's Laws	4.6, 5.4
	Feb 06 W	Newton's Laws	4.5
	Feb 08 F	Newton's Laws	5.1 — 5.3
5	Feb 11 M	Newton's Laws	5.1 — 5.3
	Feb 13 W	Circular Motion	3.4, 6.1 — 6.2
	Feb 15 F	EXAM I	CHAPTERS 1–5
6	Feb 18 M	Circular Motion	6.3 — 6.5
	Feb 20 W	Work / Energy	7.1 — 7.2
	Feb 22 F	Work / Energy	7.3 — 7.4
7	Feb 25 M	Work / Energy	7.5 — 7.6
	Feb 27 W	Work / Energy	7.6 — 7.8
	Feb 29 F	Simple Harmonic Motion	11.2 — 11.3, 11.5
8	Mar 03 M	Simple Harmonic Motion	11.4
	Mar 05 W	Simple Harmonic Motion	11.4 — 11.5
	Mar 07 F	Linear Momentum / Collisions	8.1 — 8.2
9	Mar 17 M	Linear Momentum / Collisions	8.3 — 8.4
	Mar 19 W	Linear Momentum / Collisions	8.6 — 8.7
	Mar 21 F	Reading Day	
10	Mar 24 M	EXAM II	CHAPTERS 6–8, 11
	Mar 26 W	Rotational Kinematics	9.1 — 9.3
	Mar 28 F	Rotational Energy	9.4 — 9.5
11	Mar 31 M	Rotational Energy	9.4 — 9.5
	Apr 02 W	Rotational Dynamics	10.1 — 10.3
	Apr 04 F	Rotational Equilibrium	10.6
12	Apr 07 M	Angular Momentum	10.4 — 10.5, 10.7
	Apr 09 W	Fluid Statics	13.1 — 13.3
	Apr 11 F	Mechanical Waves	12.1 — 12.4
13	Apr 14 M	Mechanical Waves / Sound	12.6 — 12.7, 12.10
	Apr 16 W	Temperature / Heat	14.1 — 14.6
	Apr 18 F	EXAM III	CHAPTERS 9–10, 12, 13

14	Apr 21 M Apr 23 W Apr 25 F	Thermodynamics Thermodynamics Thermodynamics	15.1 — 15.3 15.4 — 15.5 15.6 — 15.7
15	Apr 28 M Apr 29 T	Continuation / Review Continuation / Review	
16	May 06 T	FINAL EXAM	3:30 — 5:30 PM