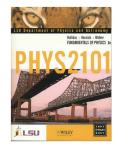
Spring 2010 Nicholson 109 (Nicholson 119 – section 6)

Section	Name	Days and Times	Office, Phone, Email	Office Hours
1	Dubravka Rupnik	8:40 – 9:30 MWF	281 Nicholson, 8-8400,	11:40 - 12:40
2		10:40 – 11:30 MWF	rupnik@phys.lsu.edu	MTWThF, M 3-5
3	Jiandi Zhang	12:40 – 1:30 MWF	229-A Nicholson 8-4103,	MWF 2-3:30PM
	_		jiandiz@lsu.edu	
4	Ward Plummer	9:10 – 10:30 TTh	229-C Nicholson, 8-3300,	1:30 – 3:30 T
			wplummer@phys.lsu.edu	
5	Rongying Jin	12:10 – 1:30 TTh	229-B Nicholson, 8-0028	TTh 1:30 – 3 pm
			rjin@lsu.edu	
6	Gabriela	4:40 – 6:00 TTh	71-C Nicholson, 8-0468	TTh 2 – 3pm
	González		gonzalez@phys.lsu.edu	
7	Phillip Sprunger	1:40 – 3:00 TTh	217-B Nicholson, 8-1254	TThu 10 - 11
			phils@lsu.edu	TThu 3 – 3:30

Required Text: Fundamentals of Physics, by Halliday, Resnick, and Walker, custom 8th edition. The custom edition only contains material relevant to 2101. However, it comes bundled with a *WebAssign* access code, which you will need for the homework assignments. You can also purchase the access code with or without the E-book directly from *WebAssign* (http://www.webassign.net/features/textbooks/hrw8/details.html?l=publisher)



Class WEB Site: http://www.phys.lsu.edu/classes/ (HW: http://webassign.net/student.html)

Course:

CLASS OVERVIEW:

- This calculus-based, college level physics course covers roughly chapters 1 through 21 of the text.
- It is assumed that everyone has credit in PHYS 1100 so the material in Chapters 1-6 (vectors, 1- and 2-D kinematics, Newton's laws) will only be reviewed in the first two weeks of class. If you tested out of PHYS 1100, you will be assumed to know this material and should review it carefully if you don't remember it well. You will be tested on this material in the third week of class.
- After the first two weeks the course assumes a more normal pace and will cover most of the section contained in chapters 7 20, with the exception of chapter 17, which will be skipped. The core material of the course covers concepts in mechanics, fluids, wave motion, and thermodynamics.
- The lecture schedule will specifically indicate sections of text that are covered on a given week. Students should read and become familiar with this material before coming to class.
- Course grade will be determined by weekly quizzes, weekly homework, four 1-hour tests, and 2-hour final (650 points total *see below*).
- *PHYS 2101 is a general Education Course in the Natural Science area.*

Homework:

- There will be TWO types of homework this semester: multiple choice questions and/or numeric problems in the online WebAssign system, and supplemental problems with hand-written answers including full derivations.
- Homework assignments will be posted online at: <u>http://webassign.net/student.html</u> (details announced in class)
- Tentative due dates for WebAssign HW are posted on class schedule (WebAssign is due at 11:59 pm)

Quiz:

- There will be a weekly quiz (10 min) based primarily on the supplemental HW problems due that week.
- Tentative dates for quizzes are posted on class schedule (Wed or Thurs).

Tutoring:

• If you do not understand the material or you experience difficulty in working the problems, seek help from the graduate tutors in Room 102 of Nicholson Hall. This service is free. You should check at that room for schedule times. There will be specific time slots dedicated to PHYS2101. Supplemental Instruction (SI) will be announced in class. Also see http://www.phys.lsu.edu/newwebsite/academics/tutor.html for additional information and times.

Exams:

There will be four 1-hour exams (February 3, March 3, March 24, April 28) - see below for room assignments

- The first review exam will consist entirely of multiple-choice questions. The three remaining regular exams with contain a combination of multiple choice questions and word problems for which you must show your work.
- A formula sheet will also be provided and no other material is to be used during the exam. Notes, books, and crib sheets are strictly forbidden. No computers, beepers, pagers, cellular phones or other communication devices are allowed. You may *not* use the calculator within one of these devices. Formula sheets will be posted in advance of the exams.
- You will need a scientific calculator, graphic calculators are fine, but not necessary.

THERE WILL BE NO SCHEDULED MAKE-UP EXAMS

Grading:

- HW Webassign 50 pts (grade computed at 90% of the total amount of points)
- Quiz 50 pts (lowest 2 dropped NO make-ups)
- Review exam 50 pts.
- Three regular exams 100 pts. each
- Final Exam 200 pts.
- Your final grade will be based on 650 total points.
 A: 90-100% B: 80-90% C: 60-80% D: 50-60% F: 0-50%

If your percentage grade is within these ranges, you are guaranteed the associated letter grade.

Week	Dates	Sections covered	– Spring 2010 Homework		Comments		
1	Jan 20,22 (19, 21)*	1-all, 2-all, 3-all, 4.2-7					
2	Jan 25, 27, 29 (26, 28)	5.2-9, 6.2-3,6.5	Hw1 - Jan. 25	Qz1-Jan. 27 (28)			
3	Feb. 1, 3 (2)	6.5, 7.2-4	Hw2 - Feb. 1		Review 7 pm [#]		
	Feb. 3	TEST #1 – Chapt. 1-6	6 - 7 pm				
	Feb. 5 (4)	7.5-9					
	Feb. 8, 10, 12 (9, 10)	8.2-6	Hw3 - Feb. 8	Qz2- Feb. 10 (11)			
	Feb. 17, 19 (18)	8.7-8, 9.2-5			Mardi Gras Holiday		
	Feb. 22, 24, 26 (23, 25)		Hw4 - Feb. 22	Qz3 - Feb. 24(25)	"		
	Mar. 1, 3 (2)	10.2-6	Hw5 - Mar. 1		Review 7 pm [#]		
	Mar. 3	TEST #2 - Chapt. 7-9	6 - 7 pm				
	Mar. 5 (4)	10.7-10, 11.2-3					
	Mar. 8, 10, 12 (9, 11)	11.4, 11.6-11, 12.2-3	Hw6 - Mar. 8	Qz4 - Mar. 10 (11)			
	Mar. 15, 17, 19 (16, 18)		Hw7 - Mar. 15	Qz5 - Mar. 17 (18)	D		
10	Mar. 22, 24 (23)	14.2-6	Hw8 - Mar. 22		Review 7 pm [#]		
10	Mar. 24	Test #3 -Chapt. 10-13	6 - 7 pm				
	Mar. 26 (25)	14.7, 15.2-5	Hw9 - Mar. 29	O-C Mar 20 (Apr 1)	Anna ditant dan ta dua		
	Mar. 29, 31 (28, Apr. 1) Apr. 2-9	15.6, 16.2-6, 16.9-10 Spring Break	HW9 - Mar. 29	Qz6 - Mar. 29 (Apr. 1)	Apr. 1 last day to dro		
	Apr. 12, 14, 16 (13, 15)		Hw10 - Apr. 12	Qz7 - Apr. 14 (15)			
	Apr. 19, 21, 23 (20, 22)	18.5-11, 19.2	Hw11 - Apr. 19	Qz8 - Apr. 21 (22)			
	Apr. 26, 28 (27)	19.3-5	Hw12 - Apr. 26		Review 7 pm [#]		
	Apr. 28	Test #4- Chapt. 14-18			•		
14	Apr. 30 (29)	19.8, 19.11	-				
15	May 3, 5, 7 (4, 6)	20.1-20.5	Hw13 - May 3	Qz9 - May 5 (6)			
	May 11 (Tuesday)	FINAL EXAM	7:30 - 9:30 am				
	*Dates in parenthesis	are for TTh lectures	#Tentatively	Scheduled in Nich. 130 –	TBA		
т	ast Locations (Fabruar	x 3 March 3 March 9/ A	nril 78)				
Test Locations(February 3, March 3, March 24, April 28)Sections 1,2:130 Howe-Russell (Rupnik)Section 5:15 Lockett (Jin)							
	Section 3: 6 Locke	u (Znang)	Section 6: 152 Coates (González) Section 7: E-130 Howe-Russell (Sprunger)				

Disabilities

If you have special requirements for taking exams (or other course-related activities), please follow the procedures with the *Office of Disability Services*, 112 Johnston Hall, and bring documentation from that office to your instructor a week before the affected activity.