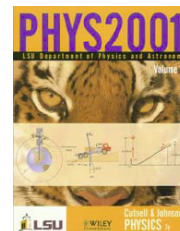


# PHYSICS 2001 – Spring 2011

Lecture Room - 130 Nicholson Hall

Section	Name	Days and Times	Office, Phone, Email	Office Hours
1	Dan Sheehy	12:40 – 1:30 MWF	210-B Nicholson, 8-5852, sheehy@phys.lsu.edu	2:00 – 3:00 MWF
2	Philip Adams	11:40 – 12:30 MWF	210-C Nicholson, 8-6847, adams@phys.lsu.edu	10:00 - 11:00 MWF
3	Jiandi Zhang	9:10 – 10:30 TTh	229-A Nicholson, 8-4103, jiandiz@lsu.edu	10:30 – noon TTh

**Required Text:** LSU PHYS2001, *Physics*, by Cutnell and Johnson, Volume 1



**Class WEB Site:** all course materials will be posted on Moodle.

## Course:

- This course covers chapters 1 through 16 of the text (Ch. 13 and 14 will not be covered).
- You are required to read and know the assigned textbook material **before coming to class**.
- **YOU MUST attend the lectures!** The concepts and problem solving techniques will be developed through the readings, lectures, demonstrations, and class discussion.

## Homework:

- Homework assignments will be posted online at [www.webassign.net](http://www.webassign.net). You will need to go to the WebAssign site and register for this class. Please provide your LSU ID# when you register for the class. This will allow us to upload your homework grades into Moodle. WebAssign also will give you access to an electronic form of the book, if you choose to pay for that.
- The homework assignments will be subject to firm deadlines. One assignment will be given per week, each consisting of about 10-15 problems.
- It is essential that you solve the homework problems to ensure that you understand the concepts and to strengthen your math skills.

**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.

## Exams:

- **There will be two 1-hour exams.**
- The exams will be given at night in rooms that will be announced later.
- The exams will be multiple choice, we will provide the scantrons.
- A formula sheet will also be provided and no other material is to be used during the exam.
- You will need a scientific or graphing calculator
- **THERE WILL BE NO SCHEDULED MAKE-UP EXAMS**

## Grading:

- Homework – 50 pts.
- Two regular exams – 100 pts. each
- Final Exam – 200 pts.
- Your final grade will be based on 450 total points.

A: 450-405 pts   B: 404-360 pts   C: 359-270 pts   D: 269-225 pts   F: 224-0 pts

## 2001 Syllabus Spring 2011

<b>Dates</b>	<b>Sections Covered</b>	<b>Homework Due</b>	<b>Comments</b>
Jan 19, 21 (18, 20)*	1.1 – 1.8		
Jan 24, 26, 28 (25, 27)	2.1 – 2.6	H1: Jan 27	
Jan 31; Feb 2, 4 (1, 3)	3.1 – 3.3	H2: Feb 3	
Feb 7, 9, 11 (8, 10)	4.1 – 4.10	H3: Feb 10	
Feb 14, 16, 18 (15, 17)	4.11- 4.12, 5.1 – 5.4	H4: Feb 17	
Feb 21, 23, 25 (22, 24)	5.5 – 5.7, 6.1 - 6.3	H5: Feb 24	
Feb 28; Mar 2, 4 (1, 3)	6.4 – 6.9	H6: Mar 3	<b>Exam #1 Feb 28</b>
Mar 11 (10)	7.1 – 7.2		<i>Mardi Gras Mar 6-9</i>
Mar 14, 16, 18 (15, 17)	7.3 – 7.5	H7: Mar 17	
Mar 21, 23, 25 (22, 24)	8.1 – 8.6	H8: Mar 24	
Mar 28, 30; Apr 1 (29, 31)	9.1 – 9.6	H9: Mar 31	
Apr 4, 6, 8 (5, 7)	10.1 – 10.4	H10: Apr 7	<b>Exam #2 Apr 4</b>
Apr 11, 13, 15 (12, 14)	10.6, 16.1 – 16.5	H11: Apr 14	
Apr 18, 20, 22 (19, 21)			<i>Spring Break Apr 18 - 24</i>
Apr 25, 27, 29 (26, 28)	16.6 – 16.9, 11.1 – 11.6	H12: Apr 28	
May 2, 4, 6 (3, 5)	12.1 – 12.8	H13: May 5	
<b>May 10</b>			<b>Final Exam: 3 – 5 pm</b>

\*Dates in parenthesis are for TTh lectures

### **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.

**GENERAL EDUCATION STATEMENT:** PHYSICS 2001 is a general Education Course. Therefore this course is designed to address the following outcomes:

- An appreciation of the methods of critical thinking
- A comprehension of how knowledge is acquired and applied