

MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Department of Physics

Physics 8.01x

Fall Term 2002

GENERAL INFORMATION

- Lecturer:** Professor Kate Scholberg, room 44-124, 3-8564
schol@mit.edu
- Recitation Instructors:** Professor David Litster, room 13-2030, 3-1974
litster@vpr.mit.edu
- Professor Gunther Roland, room 24-504, 3-9735
gunther.roland@cern.ch
- Fei Zhou, room 13-4069, 3-8127
fzhou@MIT.EDU
- Matthew Borthwick, room 13-2025, 3-8928
matt@lindy.mit.edu
- Experiment TAs:** Fei Zhou, room 13-4069, 3-8127
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- Others TBA
- Experiment Coordinator:** Peter Dourmashkin, room 24-602, 3-6895
padour@mit.edu
- CyberTutor TA:** Gianpaolo Carosi, gcarosi@mit.edu
- Course Manager:** Maria Springer, room 4-352, 3-4461
maria@mit.edu
- Web Page:** <http://web.mit.edu/8.01x/www>
- Textbook:** H. D. Young and R. A. Freedman,
University Physics, 10th Edition,
Addison-Wesley, Reading Mass (2001).
- Lectures:** MWF 10-11 room 4-370
- Recitations:**
- | | | |
|--------------|--------|------------|
| R01 TR 10-11 | 26-168 | D. Litster |
| R02 TR 11-12 | 26-168 | D. Litster |
| R03 TR 1-2 | 24-402 | G. Roland |

R04 TR 2-3	24-402	G. Roland
R05 TR 3-4	24-402	F. Zhou
R06 TR 10-11	26-210	M. Borthwick
R07 TR 11-12	26-210	M. Borthwick

Experiment Help Sessions MR 3-5 pm, TW 7:30-9:30 pm, F 12-3 pm
Room 4-355

CyberTutor Help Sessions: Monday 2-4 pm
Tuesday 8-10 pm

Exams: **MARK THESE ON YOUR CALENDAR NOW!!!**
Quiz 1: Monday September 30
Quiz 2: Wednesday October 23
Quiz 3: Monday November 18
Final Exam: TBA

Problem Sets:

There will be a **weekly problem set** that consists of **two parts**:

1. **CyberTutor problems** to be answered on-line by **10 pm Tuesday**.
2. **Hand-written problems** to be handed in on **Fridays by 4:00 pm**. Please write your name, subject, recitation number and the name of the recitation instructor on the top right corner of the first page of the homework assignment. Your completed problem sets should be placed in the recitation instructor's box in room 4-339B.

Experiments:

As you know, the experimental work, based primarily on take-home kits, will be a major feature of this course. Experiment instructions will be handed out in class on a Wednesday. There will be a few short questions regarding the analysis of the experiment that will in general be due on Fridays. **YOU WILL NOT BE AWARDED A GRADE UNTIL YOU HAVE HANDED IN THE RETURNABLE PARTS WITH THE RED BOX.**

Grading:

As in all subjects taken by freshmen in the first semester, the official grades will be only Pass/No Record. However, your work during the semester will be graded quantitatively to give you a clear picture of how you are doing. The numerical basis for the final grade will be approximately as follows: **3 quizzes 45%, final exam 25%, CyberTutor 10%, hand-written problem sets 10%, experiment problems 10%.**