

PH112 SYLLABUS SPRING, 2008
ALL PHYSICS LABS BEGIN MONDAY, JANUARY 07

Class hours: TR 11:10am -12:30pm
Class room: MSC 100
Instructor: Dr. Jun Lin
Office: Optics Building, Rm 344
Office hours: MWF 11:30 am -12:30 pm or by appointment
Phone: 256-824-2355
Email: linj@email.uah.edu

Prerequisites: MA 201; C or better in PH 111

Grader/TA's are available in the **Physics Success Center, Optics Building Rm200**;
office hours are posted on the door; **Phone:** 824-2476

Computers are available in the **Physics Computer Lab, Optics Building Rm249**

Textbook: “Fundamentals of Physics, Volume 1 and 2” or “Extended”, 7th Ed.

On-Line Homework: **Wiley's e-Grade Plus at**

<http://edugen.wiley.com/edugen/class/cls50174/>

Optional Supplement: “Student Solutions Manual”, 7th Ed.
by Halliday, Resnick and Walker; John Wiley & Sons, Inc., NY

TOPICS: This class covers major topics in the fields of electricity, magnetism and thermodynamics.

EXAMS: We will have two exams and one final. The first exam covers electricity. The second exam covers magnetism. The final exam covers thermodynamics. All exams will be closed book exams. You will only be allowed one A4 sheet with your own hand written notes (e.g., important formulas, etc.). Makeup exams, which may be oral or more difficult, will be given for absences with an appropriate prior written excuse. **Exam grades may be scaled to give a class average of 75%.**

ATTENDANCE POLICY: Attendance is required. It is YOUR RESPONSIBILITY to keep up with class lectures and announcements.

GRADING POLICY:

Homework	20%	90 - 100	A
Exam #1	30%	80 - <90	B
Exam #2	25%	70 - <80	C
Final	25%	60 - <70	D
		below 60	F

HOMEWORK: Homework assignments are available at:

<http://edugen.wiley.com/edugen/class/cls50174/>

All assignments must be submitted online by 11pm on the due date. Late assignments will be accepted only if prior permission is obtained, or if an appropriate excuse from the relevant University authority is presented. Online homework will be graded electronically. All assignments are taken from the “Exercises & Problems” section at the end of each chapter. Each homework problem will be graded automatically by WileyPlus. After the homework due date, solutions to homework assignments will be posted. Exam solutions will also be posted after the exams are returned in class.

Physics 112 Class, Homework and Exam Schedule for 2008 spring

Date	Chapter / n th lecture	Assignment Date	Due Date
01/08	21 / 1	01 / 09	01 / 15
01/10	22 / 1	01 / 11	01 / 17
01/15	22 / 2		
01/17	23 / 1	01 / 18	01 / 24
01/22	23 / 2		
01/24	24 / 1	01 / 25	01 / 31
01/29	24 / 2		
01/31	25 / 1	02 / 01	02 / 07
02/05	25 / 2		
02/07	26 / 1	02 / 08	02 / 15
02/12	27 / 1	02 / 13	02 / 19
02/14	27 / 2		
02/19	Exam I - Chap. 21-27		
02/21	28 / 1	02 / 22	02 / 28
02/26	28 / 2		
02/28	29 / 1	02 / 29	03 / 07
03/04	29 / 2		
03/06	30 / 1	03 / 07	03 / 13
03/11	30 / 2		
03/13	31 / 1	03 / 14	03 / 27
03/17-03/21	No Classes - Spring Break		
03/25	31 / 2		
03/27	Exam II - Chap. 28-31		
04/01	18 / 1	04 / 02	04 / 08
04/03	18 / 2		
04/08	No class - Honors Day		
04/10	19 / 1	04 / 11	04 / 17
04/15	19 / 2		
04/17	20 / 1	04 / 17	04 / 23
04/22	20 / 2		
04/24	Final Exam MSC 100 11:30 – 2:00 pm		