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1. TEXTBOOK and REQUIRED MATERIALS:

Matter & Interaction II – Electric and Magnetic Interactions, 3rd Edition, 2010, Ruth Chabay and Bruce Sherwood, ISBN: 9 780470503461, Publisher: Wiley.

WebAssign Login with your Purdue career account here:

<http://www.webassign.net/purdue/login.html>

Physics 27200 / Physics 272H00 Laboratory Manual, pdf files on Blackboard Learn. Login with your Purdue career account here: <https://mycourses.purdue.edu>

iClicker2, Audience response device, ISBN 0-7167-7939-0, Publishers Bedford, Freeman and Worth

Note that you can purchase both a WebAssign account and an electronic copy of the *Matter & Interactions* textbook from the WebAssign link in Blackboard.
Go to ->Pricing -> Textbook Collection

2. COURSE WEBPAGE:

You will find everything you need on Blackboard, including this syllabus, calendar, textbook information, course announcements, Help Center hours and other important resources on Blackboard. Login with your Purdue career account here: <https://mycourses.purdue.edu>

3. COURSE COMPONENTS:

Lecture

Get points for coming to lecture! Expect iClicker questions every lecture; these are graded and count towards your final grade. **Register your iClicker in Blackboard.**

Reading

Make your life easier! Read the assigned parts of the text *before* each lecture. Here's a hint for making your brain a lean, mean, thinking machine: when you see the "?" in the text, stop and *answer the question* before continuing.

Homework

Login using your Purdue career account:
<https://www.webassign.net/purdue/login.html>

Recitation

Weekly recitation sessions meet for one hour. You are required to attend the recitation section assigned to you by the Registrar. Recitations begin the **first week** of class.

Laboratory

Weekly laboratory sessions meet for two hours. You are required to attend the lab section assigned to you by the Registrar. Labs begin the **first week** of class.

Exams

Attendance is required for ALL THREE EXAMS.

The exam schedule is here:

http://www.physics.purdue.edu/academic_programs/exam_schedule.php

The date for the final exam schedule is set by the Registrar later in the semester. Finals week ends Saturday, Dec. 15. **Do not make arrangements to leave campus before this date.**

4. GRADES

Grades will be determined from points earned in each of these categories:

Evening Exams (2)	30%
Final Exam	20%
Labs	15%
Homework (WebAssign)	15%
Recitation	15%
iClicker (Lecture)	5%
TOTAL	100%

We will use an absolute scale to set the grades as given in the table below. At the end of the semester, if the grades are lower than we think is fair then we may lower the grade thresholds, but we will not raise the thresholds. (This means if you get at least 89%, you are guaranteed to get an A- or better.)

Grade	Percentage
A+	95%
A	92%
A-	89%
B+	85%
B	82%
B-	79%
C+	75%
C	72%
C-	69%
D+	65%
D	62%
D-	59%
F	<59%

You may check your scores at any time in Blackboard. It is your responsibility to ensure that the grades are accurate. *Report any errors to your recitation instructor within 2 weeks from when the grades are recorded.*

iClicker Scoring: Points can be earned every lecture (except the first), and some credit will be given just for answering the questions. *Your five lowest iClicker scores will be dropped.*

5. HELP!

This course is hard. Plan to study hard! Here are some ways to get a better grade:

A. Go to the Physics Help Center, Room 12 in the physics building. It is staffed during regular hours all day long by Teaching Assistants who are trained in this material.

B. Ask your instructor during lab, recitation, or lecture.

C. See the instructor or TA's during office hours. We are happy to work through physics problems with you.

D. Use the buddy system: study with a friend in class. You are encouraged to work on homework together – discussing ideas and concepts reinforces the material for everyone

involved in the conversation. Just be sure that what you turn in is your own work that you fully understand.

6. REQUESTING EXTENSION OF WEBASSIGN DEADLINES

Life happens. If you have a valid reason (such as illness, family emergency, or multiple exams the same day), you may request an extension of up to one week for anything due in WebAssign. Do not abuse this privilege! We will reject excessive or undocumented requests.

Extension requests are decided by your recitation TA. To request an extension, fill out this form http://www.physics.purdue.edu/academic_programs/courses/phys172H/extension.php. Return the form and documented proof of the reason for extension to Room 144.

7. ABSENCES AND EXCUSED (EX) GRADES

If you are absent for a valid and documented reason, you may receive an EX (Excused) grade by filling out an Absentee Report in Room 144, the Undergraduate Physics Office. The EX grade will be replaced by the average of your other scores in that category at the end of the semester.

Exams: Unexcused absences from exams will receive a score of zero. Make-up exams will NOT be given for any of the exams. Any student with a valid approved reason for missing an exam may receive an EX grade.

iClicker Questions: Except in cases of extended illness, no excused grades will be given for the lecture questions. However, *the five lowest iClicker scores will be dropped* for all students.

Excused grades will typically be given for these three circumstances: (a) illness; (b) personal crisis (e.g., automobile accident, death of a close relative, weather conditions which make it impossible to get to the university); and (c) required attendance at an official Purdue activity (e.g., exam conflict, athletic event, band concert). Contact the relevant instructor IN ADVANCE (if at all possible) by email. Then go to room 144 Physics to fill out an Absentee Report. If you will be or have been out for five consecutive days, you must contact the Dean of Students; they will send us a letter.

- In case of illness, go to the Purdue University Student Health Center (PUSH). You should receive a slip from the Center with the date, doctor's name, and a telephone number. OR go to your private physician and obtain a written excuse. Take your excuse to the undergraduate office, Room 144 Physics. (We only need a doctor's excuse, not a diagnosis or any personal information.) ***Keep Purdue healthy: if you have flu symptoms, stay home for 7 days or at least 24 hours after symptoms subside.***
- In case of accidents, funerals, etc., after contacting your instructor by email go to Room 144 with written evidence of your excuse (police accident report, funeral notice, etc.).
- In case of required attendance at an official Purdue activity, go to Room 144 at least a week in advance of the event and complete an Absentee Report, including documentation.

8. ACADEMIC HONESTY

You are encouraged to work on homework together – discussing ideas and concepts reinforces the material for everyone involved in the conversation. Just be sure that what you turn in is your own work that you fully understand.

The following are examples of cheating:

- Any effort to represent somebody else's work as your own, or allowing your work to be represented as somebody else's
- Having somebody else solve assigned problems for you
- Entering iClicker responses for anybody else
- Being in possession of more than one iClicker in lecture

If a student is found cheating, the incident will be thoroughly investigated by the Dean of Students, and appropriate disciplinary actions taken. In serious cases the Dean may suspend or expel the student from the university.

9. POSSIBLE CHANGES

In the event of a **major campus emergency**, course requirements, deadlines and grading percentages are subject to changes that may be necessitated by a revised semester calendar or other circumstances. You can get information about changes in this course at the course website: http://www.physics.purdue.edu/academic_programs/courses/phys172H/ .