WELCOME TO PHYSICS 1103

“Physics is fun”

Albert Einstein
COURSE ORGANIZATION

• During class, your instructor will…
  ❖ Explain physics concepts,
  ❖ Do demonstrations to illustrate these concepts, and
  ❖ Introduce the activities you will do with the equipment on your table.
COURSE ORGANIZATION

• During class, you will
  ❖ Watch the demonstrations and slide presentations
  ❖ Do the activities described in the activity sheets
  ❖ Write answers to the activity sheet questions.
COURSE ORGANIZATION

• During class you will NOT use your cell phone, ipad, or other electronics for communication.
• Sorry, but no phone calls, web surfing, or texting allowed during class.
COURSE ASSIGNMENTS

- Read the textbook chapter before class. (Each textbook chapter corresponds to one class period.)
- Complete the activity sheet during class.
- Complete and turn in the page of homework exercises.
COURSE GRADING

• Activity sheets: 25 @ 2 pts 50
• Homework: 25 @ 2 pts 50
• Midterm 1: 33 Q’s @ 3 pts 100
• Midterm 2: 33 Q’s @ 3 pts 100
• Final exam: 50 Q’s @ 3 pts 150
  Total points 450

• Extra credit:
  • 26th Activity Sheet: 2 pts
  • 26th Homework: 2 pts

• Note: You must be present during the entire class to receive credit for an activity sheet.
COURSE SCHEDULE

• Tues, 8/28, or Weds, 8/29:
  ➢ Read Textbook chapter 1 before class (The first 4 textbook chapters are available on the web site.)
  ➢ During class, complete Activity Sheet 1, and turn it in.
  ➢ Outside of class, complete Homework Exercise 1 and turn it in at the beginning of the next class.

(Activity Sheets are available on the course web site. The exercise sheet is the last page of each Activity Sheet.)
COURSE TEXTBOOKS

• World of Energy textbooks and Activity Books are available only at the OSU Central Classroom and the Gateway Barnes and Noble bookstores.

• Order your books on line at www.ohiostate.bncollege.com/

• The books may not be available until Aug 29th. All the material you need until then is on the web site.

• Because of the switch to semesters, books printed before Autumn Semester 2012 are out of date. Do not purchase a used book.
CORRECTION TO THE SYLLABUS

- The course web site address is incorrect in the syllabus:
- The correct url is:
- [www.physics.ohio-state.edu/phys1103/](http://www.physics.ohio-state.edu/phys1103/)
COURSE WEB SITE CONTENT

- [www.physics,ohio-state.edu/phys1103/](http://www.physics,ohio-state.edu/phys1103/)
  - First 4 textbook chapters
  - Blank Activity Sheets and Homework Exercises
  - Video questions for 6 course videos
  - Slides shown in class
  - Solutions to multiple choice practice problems
  - Solutions to activity sheets
  - Anonymous email to the 1103 instructors
    (if you want a reply, be sure to include your email address!)
COURSE VIDEOS

Six 50-minute videos are assigned
(see syllabus for video titles)
- The videos relate to concepts seen in class.
- Students view the videos outside of class time.
- Part II of the Activity Book has questions about each video to help you take notes. Students do not turn in these questions.
- There will be one multiple choice exam question about each video.
DVDs of COURSE VIDEOS

- DVDs of the videos can be checked out for 2 hours from the Science and Engineering Library reserve desk.
- The SEL reserve desk is open from 8:00 am to 11:00 pm every day (including weekends).
- You will need: Your BuckID (and earphones if you use the library’s computers)
EXAMS: All exams questions are multiple choice

Midterm 1: Weds, Sept 26, 6:30 pm – 7:40 pm
  covers periods 1-8 and videos I and 2

Midterm 2: Weds, Oct 31, 7:00 pm – 8:10 pm
  covers periods 9-17 and videos 3 and 4

Final Exam: Tues, Dec 11, 6:00 pm – 7:45 pm
  covers periods 1-26 and videos 5 and 6
  (Alternate final exam time for students with a documented conflict with the 6:00 pm exam: Tues, Dec 11, 8:00 – 9:45 pm.)

NOTE: No make-up midterms or early exams are given
How to Succeed in Physics 1103

- Attend every class! Activity Sheet credit is given only to students who attend the entire class.
- Turn in all homework assignments! Late homework is not accepted (except in the case of a documented excused absence.)
- Read the textbook chapter before class and answer the Concept Checks in the chapter.
- Prepare for exams by studying the sample exams and practice multiple choice questions in your Activity Book.
PHYSICS IS FUN!