

Course Assignments

During each 80-minute laboratory session, World of Energy instructors will explain physics concepts, present demonstrations, and introduce hands-on activities to illustrate these concepts. To help organize, understand, and remember the information from the demonstrations and class activities, students complete and turn in activity sheets during each class. Students must be present for the full class period to receive credit for an activity sheet unless excused by the instructor.

Several homework questions from each class period are assigned as written homework. At the beginning of each class period, students turn in answers to questions over material from the previous class.

During the semester, students view six videos that relate to the course content. DVDs of these videos are on reserve at the OSU 18th Avenue Library. Students view these videos outside of regular class time. A list of questions for each video is available on the course web site. These questions help students take notes and identify important concepts in the videos. Answers to these video questions are not handed in. The course exams include one multiple choice question about each video.

Examinations

The examinations consist of two midterms of 33 questions each and a comprehensive final examination of 50 questions. All exam questions are multiple choice. The dates of the examinations are given in the course syllabus. No make-up examinations will be given.

Students may use calculators during exams, but may not program them or use their graphing capabilities. Exams include a sheet with useful equations and constants. Equation sheets are provided because the World of Energy emphasizes understanding concepts, rather than memorizing equations and constants. However, it is essential that students understand the meaning of the equations, their symbols, and their units.

The Physics 1103 and 1104 course web site contains practice sample exams with a key of correct answers. The textbook chapters provide help in understanding equations and solving problems in the Skills and Strategies and Concept Check solutions.

Course Grading

Activity sheets: 26 @ 2 points per sheet	52 points
Homework Exercises: 26 @ 2 points per assignment	52
2 Midterm exams @ 100 points per exam	200
Final exam: 150 points	<u>150</u>
Total points	454
Bonus for attending all 26 classes	3
Bonus for turning in all 26 homeworks on time	3