

World of Energy Course Materials

A Textbook and an Activity Book are required for students taking Physics 1103. These materials are available on the course web sites. The textbook consists of 26 chapters; one chapter corresponds to each of the 80-minute laboratory periods. Students are expected to read the appropriate textbook chapter before each lab period. To help students understand the concepts, the textbook chapters include summaries of each chapter, example problems with solutions, and "concept checks" with solutions, which students can use to check their understanding of the concepts presented in the book.

During each laboratory session, students answer the questions on an activity sheet that is turned in at the end of each class. The activity sheet questions relate to the activities and demonstrations performed in class. Activity sheets help students organize, understand, and remember the information presented in class. Blank Activity Sheets are available on the course web sites. Students print blank activity sheets for their use during class. Alternatively, students can purchase a packet of blank activity sheets from the OSU Uniprint facility located in the Ohio Union. You can view a sample Physics 1103 Activity Sheet from this website.

In addition to the activity sheets, the Physics 1103 and 1104 web sites include three other aides for students. (1) To help students understand the content of the six course videos, a list of study questions for each video is available. These video questions are designed to help students take notes while watching the videos. (2) For each class session, several multiple choice questions with answers are provided. (3) Two sample exams for each of the midterms and the final exam with keys of the correct answers are provided to help students prepare for the course exams.