SYLLABUS - PHYSICS 110S-801FS

EDISON STATE COMMUNITY COLLEGE

Instructor Information

Instructor: Mrs. Andrea Perhai
E-mail: aperhai@edisonohio.edu
Faculty Class Qualifications: MS Electrical Engineering AFIT (2014), BA Mathematics Cedarville University (2012)

Course Materials

Textbook: V. Ostdiek, D. Bord, Inquiry into Physics, 8th Ed., Cengage Learning. This textbook is available on the online homework platform. A physical copy of the textbook is not needed.
Calculator: A scientific calculator. Cell-phone calculators are not permitted during exams.
Additional Resources:

- Blackboard: https://edisonohio.blackboard.com/webapps/login/
- WebAssign: https://www.webassign.net/
- WebAssign Class key: edisonohio 1546 5481

Course Grades and Important Dates

Grades:
Your grade for this course is weighted as follows: Homework: 30%, Exams: 70%
Letter grades are determined as follows: A: 90-100%, B: 80-89% C: 70-79%, D: 60-69%, F: <60%

Important Dates: Final Withdrawal: November 2, 2026. Last day to get a refund: September 7, 2026

Class Policies

Cheating: Please see the Edison Student Handbook (www.edisohio.edu/handbook) concerning the school policy on cheating. Incidents can result in loss of credit for work or removal from the course.

Homework

- Homework assignments will be due every Sunday at midnight. The homework will always have two parts: 1) questions completed on WebAssign and 2) questions completed by hand on paper.
- WebAssign is an online homework platform. You must purchase access to WebAssign to complete the homework assignments and access the textbook. Follow the setup instructions on WebAssign and use the class key (listed in the Additional Materials of the Course Materials) to enroll in this course.
- Submit a scan/picture of the paper homework to the proper folder in Blackboard. Links to cloud files will not be accepted. If you submit a picture that cannot be viewed, or use illegible handwriting, I will ask you to submit another picture. I will give a grade of 0 until the new picture is received, then I will regrade it for full credit.
- Homework assignments should not be submitted to the instructor's email without prior arrangements.
- Handwritten assignments **MUST** have supporting work (calculations or explanations) to receive points. Partial credit may be given for correct work with an incorrect answer.
- No late work is accepted. Due date extensions may be granted for extenuating circumstances.
- There will be one lab experiment and a formal lab report. The rubric and instructions for the lab will be given on Blackboard after the third exam.

Exams

- There will be 3 exams throughout the course and a final exam at the end. The exam weeks are posted on the tentative weekly schedule.
- Exams are taken on Blackboard using LockDown browser and a webcam. Follow instructions on Blackboard to install the LockDown browser software.
- Supporting work for each exam may be submitted for partial credit. Supporting work should be neat and organized. A photo or scan of the supporting work should be submitted to the proper folder on Blackboard within 24 hours of exam completion.
- You will be required to prepare for and take each exam before the scheduled deadline. If you have a conflict with the deadline, an adjusted due date must be worked out with the instructor prior to the start of the exam.

AI Policy

For this course, YOU must be the author of all coursework. You may use AI in some minor or non-substantive ways. The use of generative AI tools (such as ChatGPT) is permitted in this course for brainstorming and refining your ideas, drafting an outline to organize your thoughts, and checking grammar, style, and formatting. The use of AI tools is not permitted in this course for writing a draft of an assignment, writing entire sentences, paragraphs, or papers to complete class assignments, or working out solutions to math problems. Your use of AI tools must be properly documented and cited to stay within college policies on academic honesty. Any assignment that is found to have used generative AI in unauthorized ways will be reported for academic misconduct. If in doubt about permitted usage, please ask for clarification.

Tentative Schedule

Dates	Material Covered	Work Due by the End of the Week:
Aug 25 - 30	1.1 - 1.4	Paper Homework 1 (16 pts), WebAssign Homework 1 (16 pts)
Aug 31 – Sept 6	1.3 - 1.4	Paper Homework 2 (17 pts), WebAssign Homework 2 (30 pts)
Sep 7 - 13	2.1 - 2.4	Paper Homework 3 (18 pts), WebAssign Homework 3 (30 pts)
Sep 14 - 20	2.4 - 2.6	Paper Homework 4 (10 pts), WebAssign Homework 4 (25 pts)
Sep 21 - 27	Vector Components	Paper Homework 5 (10 pts), **Exam 1** covering Chapters 1 and 2 (about 125 pts), Exam 1 Work (1 pt)
Sep 28 – Oct 4	3.1 - 3.2	Paper Homework 6 (15 pts), WebAssign Homework 6 (17 pts)
Oct 5 - 11	3.3 - 3.4	Paper Homework 7 (12 pts), WebAssign Homework 7 (16 pts)
Oct 12 - 18	3.4 - 3.8	Paper Homework 8 (16 pts), WebAssign Homework 8 (25 pts)
Oct 19 – 25	Applications of Forces	Paper Homework 9 (20 pts), **Exam 2** covering Chapter 3 (about 125 pts), Exam 2 Work (1 pt)
Oct 26 - Nov 1	6.1 - 6.3	Paper Homework 10 (15 pts), WebAssign Homework 10 (24 pts)
Nov 2 - 8	7.1 - 7.3	Paper Homework 11 (10 pts), WebAssign Homework 11 (26 pts)
Nov 9 - 15	7.3 - 7.5	Paper Homework 12 (15 pts), WebAssign Homework 12 (29 pts)
Nov 16 – 22	Sound and Electricity Applications	Paper Homework 13 (20 pts), **Exam 3** covering Chapters 6 and 7 (about 125 pts), Exam 3 Work (1 pt)
Nov 23 - 6	7.6 - 8.5	Paper Homework 14 (14 pts), WebAssign Homework 14 (14 pts), Formal Lab Report (50 pts)
Dec 7 - 11	No new material	**Final Exam** (about 150 pts), Final Exam Work (1 pt) due **Dec 11 by 11:59 p.m.**

Testing Your Faith Act Policy:

Edison State Community College is committed to providing an environment respectful of students' beliefs. Students are permitted to be absent for up to 3 days each semester based on their faith, religion, or spiritual belief system with no academic penalty. Students must complete the Testing Your Faith Act Accommodations Form, https://www.edisonohio.edu/services-support/registration-records, located in "Forms" and provide a copy to their individual faculty within 14 days from the start of the course. The entire policy can be found in the student handbook at https://www.edisonohio.edu/services-support/student-resources.

Subject to Change: The instructor may alter any part of this syllabus at any time. Any changes will be posted to Blackboard.