

Homework One

Physics and Math of Sustainable Energy

College of the Atlantic

Due Friday, September 19, 2025

There are two parts to this assignment.

Part 1: WeBWorK. Do Homework 00 and 01 which you will find the WeBWorK page here: <https://webwork-hosting.runestone.academy/webwork2/coa-feldman-es1056i-fall2025/> I recommend doing the WeBWorK part of the homework first. This will enable you to benefit WeBWorK's instant feedback before you do part two.

Part 2: Problems from the Textbook. Here are some instructions for how to submit this part of the assignment.

- Do the problems by hand using pencil (or pen) and paper. There is no need to type this assignment.
- If you like working on a tablet, go for it.
- Make a pdf scan of your work using genius scan or some similar scanning app. Please make the homework into a single pdf, not multiple pdfs.
- Submit the assignment on google classroom. Please don't email it to me. Thanks.

The problems you should do are from **Chapter 3** and **Chapter 4** of the book:

Chapter 3

1. 3.5
2. 3.7

Chapter 4

1. 4.14

Information about how to access the book is on the pinned post on google classroom and the top of the schedule portion of the course website.