

# Homework Seven

## Physics and Math of Sustainable Energy

### College of the Atlantic

Due Friday, October 28, 2022

There are two parts to this assignment.

**Part 1: WeBWorK.** Do Homework 07 which you will find the WeBWorK page here: <https://webwork.runestone.academy/webwork2/coa-feldman-es1056i-fall-2022/>. 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. (Between my two classes I will be receiving around 60 assignments a week. Keeping track of them all in email is challenging.)

The problems you should do are from **Chapters 26 and 10** of the book:

#### Chapter 26

1. 26.3
2. 26.4
3. 26.5

#### Chapter 10

1. 10.1 (Optional)
2. 10.5
3. 10.6

**Note:** For most of these problems you do not need to do any long or involved calculations. If you find yourself doing more than a line or two of math, stop.

Information about how to access the book and your WeBWorK account is also included on the pinned post on google classroom.