

# Homework Nine

## Physics and Math of Sustainable Energy

### College of the Atlantic

Due Friday, November 15, 2024

There is only one part to this assignment.

**Part 1: WeBWorK.** Do Homework 09 which you will find the WeBWorK page here: <https://webwork-hosting.runestone.academy/webwork2/coa-feldman-es1056-fall2024>

**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 10, 21, 14 and 22** of the book:

#### Chapter 10

1. 10.5
2. 10.5 (Don't do any long calculations! This is supposed to be simple and quick!!)
3. 10.7

#### Chapter 21

1. 21.1

#### Chapter 14

1. 14.2 (Optional, but recommended. Refutes a silly argument that is sometimes used to opposed wind power.)

#### Chapter 22

1. 22.4
2. 22.6 (optional)

Information about how to access the book is on the pinned post on google classroom.