

Homework One

Physics and Math of Sustainable Energy

College of the Atlantic

Due Friday, January 8, 2021

There are two parts to this assignment.

Part 1: Edfinity. Do Homework 01 which you will find on your edfinity account. I recommend doing the edfinity part of the homework first. This will enable you to benefit edfinity'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 of this assignment.
- 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 over 40 assignments a week. Keeping track of them all in email is challenging.)
- Do problem 40 in pairs. Work with someone else in the class and hand in only one solution for the two of you.
- If you want, you can do all the problems in pairs and hand in only one set of solutions.

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

1. 3.4
2. 3.5