

**Homework Six**  
**Physics & Mathematics of Sustainable Energy**  
**College of the Atlantic**  
**Due Friday, October 20, 2017**

Please print out this cover sheet and attach it to your problem solutions. Completed assignments should go in my mailbox or be handed in during class. Please don't hand them to me other times, as I might end up losing them and that would make us both sad.

**Your Name:** \_\_\_\_\_

**Please list all the students you collaborated with on this assignment:**

\_\_\_\_\_  
\_\_\_\_\_

**Did you get help from Anita or Alba?**

**Did you consult any resources other than our textbook or classnotes? (If yes, please include citations in your solutions.)**

**Were you able to get enough help so you could complete this assignment to your satisfaction?**

**Approximately how many hours did you spend on this assignment?**

**Anything else of note about this assignment? (It was too hard, too easy, lots of fun, too repetitious...)**

The work I am turning in for this assignment is an accurate reflection of my own understanding of the material.

Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**Assignment:**

- WeBWorK HomeworkSix (<https://courses1.webwork.maa.org/webwork2/coa-es10341/>)
- Chapter 14 of SEFaS: 14.5, 14.6, 14.7. These are designed to be quick calculations and in one case will require you to make a few assumptions. If these problems seem complicated or involved, stop and seek help.
- Optional problems for those wanting more physics in their lives: 14.8 and 14.9.