

Homework Two

Thermodynamics

College of the Atlantic

Due Friday, April 9, 2021

There is one part to this assignment.

Part 1: 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 up 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.
- If you want to do one or more of these problems one or two other people and hand in only one write-up, go for it.

1. 1.34
2. Derive Equation 1.38 from 1.37. (We might do this in class. If so, there is no need to do it as part of this homework assignment.)
3. 1.35
4. 1.36
5. 1.37
6. 1.40 Optional, but recommended. This is a challenging but not impossible problem.