

# Homework Two

## Physics I

### College of the Atlantic

Due Friday, September 24, 2021

There are two parts to this assignment.

**Part 1: Edfinity.** Do Homework 02 which you will find on your edfinity account. Note that there are two separate parts on edfinity for Homework 02: one for Chapter C02 and one for Chapter C03. 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 45 assignments a week. Keeping track of them all in email is challenging.)

The textbook problems are:

1. **Chapter C2:**

- (a) C2.B9
- (b) You are piloting a boat that travels at 6 m/s. You wish to head due north. You will be traveling through water that is flowing at 3 m/s in a direction of 60 degrees north of east. In what direction should you point your boat so you head due north? What is your speed relative to land when you do so?

2. **Chapter C3:** C3.S3