

General Physics - E&M (PHY 1308) Lecture

Notes

Homework006

SteveSekula, 27 September 2010 (created 27 September 2010)

no tags

Homework 6

Expectations for the quality of your handed-in homework are available at <http://www.physics.smu.edu/sekula/phy1308/HomeworkPolicy.pdf>. Failure to meet these guidelines will result in loss of points as detailed in that document. This assignment covers material from Wolfson Chapter 24. The total assignment is worth 100 points.

This homework is due by 5pm on Monday, October 4 (place in my mailbox in Fondren Science 102)

Reading Assignment:

Chapter 24

Required Problems from Wolfson

These are **required problems that are part of the official homework assignment.**

- CH24-16 (10 Points)
- CH24-36 (10 Points)
- CH24-37 (20 Points)
- CH24-42 (20 Points)
- CH24-44 (20 Points)
- CH24-59 (20 Points)
 - *HINT: review your chemistry - how much energy is required to*

bring a certain amount of water up in temperature by 1-degree Celcius?

Optional Warm-Up Problems

These problems are not required. They are odd-numbered problems from Wolfson, similar to those below, to help you warm up. You can compare your answers to those in the student solution manual. If you do not have this manual, ask another student in the class for a photocopy of the solutions.

- CH24-15
- CH24-33
- CH24-43