

Homework 5

Due Friday Nov 22 at 5pm

1. Final Draft of Term Project

Incorporate the feedback that you've received and make a final draft of your question and model answer.

Your question should be posed in a way that is accessible to a well prepared PH315 student. Your model answer should be written in a style similar to a physics text book, explaining your logical steps so that a PH315 student can clearly understand how you constructed your solution.

2. Red laser in a physics lab

Q4B.4 from Chpt 4 of Unit Q, 3rd Edition

(see the class website for a photocopy of questions from the text book).

3. Radio station

Q4B.13 from Chpt 4 of Unit Q, 3rd Edition

4. Stars visible to the naked eye

Q4R.1 from Chpt 4 of Unit Q, 3rd Edition

5. deBroglie wavelength

Q5B.3 from Chpt 5 of Unit Q, 3rd Edition

6. An experiment with helium atoms

Q5M.6 from Chpt 5 of Unit Q, 3rd Edition