

**Physics 112-01—General Physics II: Electricity, Magnetism, and Optics**  
**Homework Assignment #5**  
Due *Friday*, March 9, 2018, 11 a.m.

**Mastering Physics.**

Complete the assignment “HW #5” at <http://www.masteringphysics.com>.

**Pencil-and-Paper Problems.**

**Chapter 21:** Problems 57 (30 pts.) and 73 (30 pts.)

Please write neatly and show your work clearly. I need to be able to follow your reasoning. Staple your pages together.

**Academic Honesty**

If you get bogged down with any of the problems, do not hesitate to discuss them with your instructor or with a fellow student. However, if you discuss a problem with *anyone* (besides your instructor) you should acknowledge that collaboration. Please see the Academic Honesty policy for more information about appropriate and inappropriate collaboration.