

Lecture 1

Pre-Lecture Preparation (due within the first 5 minutes of class):

- Familiarize yourself with my website: www.foothill.edu/~cascarano
 - 1) Pay particular attention to the “Lesson Links” for additional help on specific topics
 - 2) Read the course syllabus
- Read pages 690 – 698 in the textbook (Serway 9th edition) and do the following:
 - 1) Quick Quizzes 23.1 – 23.3
 - 2) Book Objective Questions (p. 714): 2 and 7
 - 3) Book Problems (p. 716): 9

Goals for the Lecture:

- 1) Introduce myself and the course
- 2) Discuss good study habits
- 3) Understand electrical charges, how objects become charged, and properties of charged objects
- 4) Understand Coulomb’s Law and be able to use it to find electrical forces on charged point objects

Post-Lecture Study Guide (I do not collect this):

Review the worksheets or other lecture material within 24 hours (preferably the same day as the lecture) to reinforce the ideas. Review the pre-lecture questions to make sure you understand them.

Do problems:

Ch 23: Conceptual Questions: 2 and 5

Ch 23: Objective Questions: 9 and 12

Ch 23: Problems: 11 and 12

Continue with the additional recommended study problems from chapter 23