

## Lecture 2

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

- Read pages 699 – 708 in the textbook (Serway 9<sup>th</sup> edition) and do the following:
  - 1) Quick Quiz 23.4
  - 2) Book Objective Questions (p. 714): 1 and 3
  - 3) Book Problems (p. 718): 24

### Goals for the Lecture:

- 1) Understand electric fields and how charged objects behave in them
- 2) Be able to calculate electric fields from point charges
- 3) Be able to calculate electric fields from continuous charge distributions (1 – D only)

### 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: Objective Questions: 5 and 11

Ch 23: Problems: 25, 29, and 37

Continue with the additional recommended study problems from chapter 23