

## Lecture 10

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

- Catch up on anything from chapter 25 in the textbook (Serway 9<sup>th</sup> edition):
  - 1) Nothing to turn in

### Goals for the Lecture:

- 1) Continue to solve electric potential problems using:

$$\Delta V = - \int_A^B \vec{E} \cdot d\vec{s}$$

And

$$V = \int \frac{k dq}{r}$$

### 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:

Study for exam

Continue with the additional recommended study problems from chapter 25