

Lecture 9

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

- Read pages 756 – 763 in the textbook (Serway 9th edition) and do the following:
 - 1) Quick Quizzes: none
 - 2) Book Objective Questions (p. 767): 2, 7, and 14
 - 3) Book Problems (p. 770): 15

Goals for the Lecture:

- 1) Continue to solve electric potential problems using:

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

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:

Ch 25: Conceptual Questions: 6

Ch 25: Objective Questions: 3 and 9

Ch 25: Problems: 44 and 47

Continue with the additional recommended study problems from chapter 25