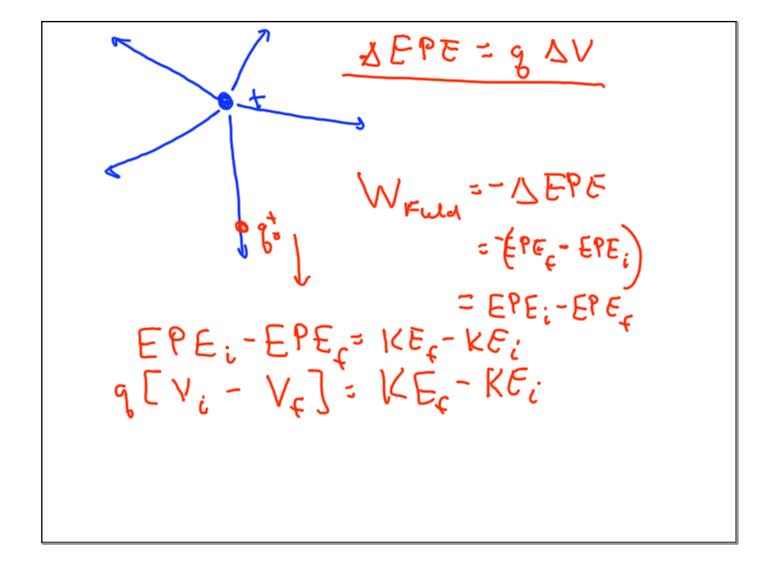
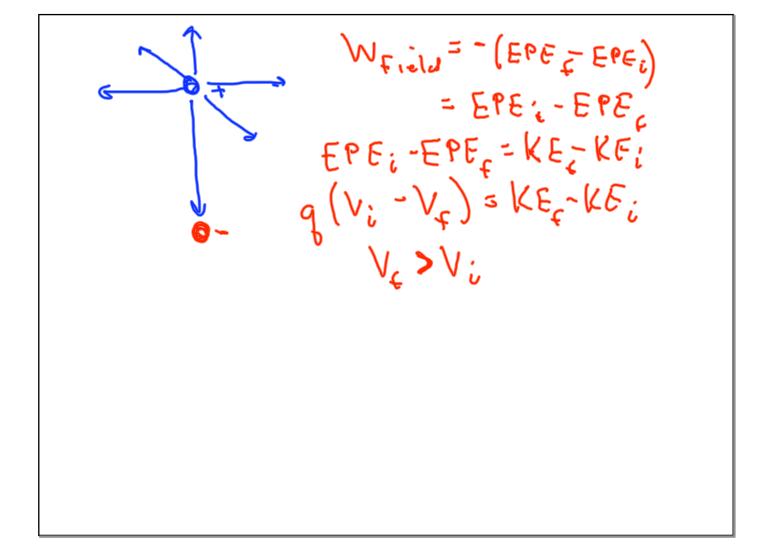
## **Reminders 2-14-08:**

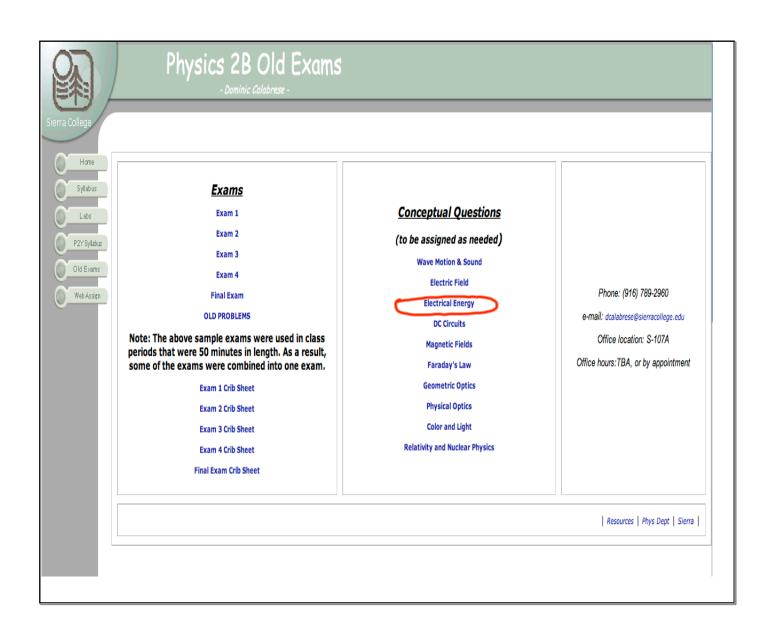
- -Next Webassign Due February 20
- -Electric Energy Conceptual Questions Due 2/26
- -Start Reading Chapter 16

## **Objectives:**

- -More on Electrical Potential
- -Capacitance
- -Capacitors in Series and Parallel







 Determine the number of electrons that pass between the terminals of a 9V battery when a when a 10 Watt lamp is on for 30 minutes.

 One electron volt (eV) is the change in potential energy of an electron when it moves through a potential difference of 1 volt. What is the change in potential energy of an electron in a TV tube that is accelerated through a potential difference of 30,000V. Express your answer in electron volts (eV) and Joules.

