



# PHYS 1444 – Section 02

## Lecture #6

*Tuesday Feb 10, 2011*

*Dr. Mark Sosebee for Dr. **Andrew Brandt***

- Chapter 23:
  - Electric Potential due to Point Charges
  - Shape of the Electric Potential
  - $V$  due to Charge Distributions
  - Equi-potential Lines and Surfaces
  - Electric Potential Due to Electric Dipole
  - $E$  determined from  $V$
  - Electrostatic Potential Energy of a System of Charges



