Physics 121    Midterm Exam #1

Tuesday March 1st
Please bring:
   1. Scantron form: 882-E + Pencil
   2. Calculator
   3. 1 formula sheet. 8.5 x 11 (both sides)

Test will be closed book. Test will have multiple choice and short answer questions. Topics Covered Include:

Chapter 19: Electric Charge, Electric Forces, Coulomb’s Law, Electric Field & E-Field lines, Capacitors, Conductors, Insulators.


Chapter 21: Current, Batteries, Resistance, Ohm’s Law, Power.

Units to know include: C, V, V/m, J (& kWh), W, A, Ω, F, and all multiples thereof (kilo-, mega-, nano-, etc)

NOT on test:
Sections 19-6, 19-7, 20-6, 21-5, 6, 7, 8
Topics: Charging by induction, Electric Flux & Gauss’ Law, Dielectrics, Resistivity, Superconductivity, Semiconductors. RC Circuits, Ammeters & Voltmeters, Kirchoff’s Laws