

Exam #2 Review: (You may bring ½ sheet filled on both sides to the exam.)

Chapter 24

- Capacitance of various conductor geometries: plates, spheres, cylinders (1,3,11,13)
- Charge and voltage on networks (series & parallel) of capacitors. (Quiz 3, 15,18)
- Energy stored in a capacitor (31)
- Dielectrics (39)

Chapter 25

- Current (1,3)
- Resistance & emf (16,17,22)
- Energy & Power (43,45,72)
- Applications: Real batteries, Voltmeters, & Ammeters (32,37,51,53,59, 79, 81)

Chapter 26

- Resistors in parallel and series (1,5,59)
- Current through and voltage across networks (series & parallel) of resistors. (13,14, 50,57,61,67)
- Kirchoff's loop and junction rules (21,27,29)
- RC circuits (41,45,72)