

Week 1

09/02	Electric charges, electric force	18.1-6
09/04	Electric fields, Gauss' law, applications	18.7-9,11

Week 2

09/09	Electric potential differences and surfaces	19.1-4
09/11	Capacitors, applications	19.5-7
<i>Lab</i>	Introduction to WebAssign, Electric Forces and Electric Fields (lab01.pdf)	

Week 3

09/16	Electric current, series and parallel circuits	20.1-7
09/18	Compound circuits, Kirchhoff's rules	20.8-10
<i>Lab</i>	Electric Potential (lab02.pdf)	

Week 4

09/23	Measurement devices, capacitors in circuits, applications	20.11-15
09/25	Magnetic forces and fields	21.1-7
<i>Lab</i>	Electric Currents (lab03.pdf)	

Week 5

09/30	Magnetic fields due to currents, applications	21.8-10
10/02	Magnetic flux, Faraday's law, motional EMF, review	22.1-5
<i>Lab</i>	Circuits, Batteries, and Magnets (lab04.pdf)	

Week 6

10/07	Generators, inductance, transformers, applications	22.6-10
10/09	Exam 1	Chas. 18-21
<i>Lab</i>	Magnetic fields (lab05.pdf)	