

Week	Readings (Book=Purcell); Notes=Boccio	Laboratory
01(08/31)	Chapter 1 Electrostatics(34) Boccio Notes on Web 1 & 2	Mathematica Lab 1 <b>Hoste Ch 1-3</b>
02(09/07)	Chapter 2 Electric Potential(39) Boccio Notes on Web 2	Mathematica Lab 2 <b>Hoste Ch 4-6</b>
03(09/14)	Chapter 3 Conductors(26) Boccio Notes on Web 2 & 3	Mathematica Lab 3 <b>Hoste Ch 7-9</b>
04(09/21)	Chapter 4 DC Currents(38) Boccio Notes on Web 3 & 4	E-field mapping <b>Lab Notes</b>
05(09/28)	Chapter 10.1-10.4 Dielectrics/Dipoles(8) Chapter 8.1, 8.3 (9) AC Circuits Boccio Notes on Web 4a & 4b & 4c	Dielectrics in capacitors <b>Lab Notes</b>
06(10/05)	Chapter 8.2,8.4-8.5(10) Chapter 7.9 Self-Inductance Circuit(3) Boccio Notes on Web 4a & 4b & 4c	Thevenin DC circuits <b>Lab Notes</b>
07(10/12)	Fall Break	NO LAB
08(10/19)	Appendix A (Special Relativity) Boccio Notes on Web 5 & 5b & 5c	AC Circuits;RC/RL decay/filter <b>Lab Notes</b>
09(10/26)	Chapter 5 Moving Charges(31) Boccio Notes on Web 4 & 5c & 6	RLC resonance <b>Lab Notes</b>
10(11/02)	Chapter 6 Magnetic Field(38) Boccio Notes on Web 5a & 6	E/M Experiment (vxB) <b>Lab Notes</b>
11(11/09)	Chapter 7 Induction(31) Boccio Notes on Web 7	IxB force on wire & hysteresis <b>Lab Notes</b>
12(11/16)	Chapter 9 Maxwell's Equations(20) Boccio Notes on Web 8 & 9	Faraday's law <b>Lab Notes</b>
13(11/23)	Chapter 9 Maxwell's Equations(20) (2 lectures) Boccio Notes on Web 8 & 9	Thanksgiving NO LAB
14(11/30)	Geometrical Optics Boccio Notes on Web 10 & 11	Thin Lens Optics <b>Lab Notes</b>
15(12/07)	Geometrical Optics(1 lecture) Boccio Notes on Web 10 & 11	NO LAB