

CALENDAR

The day-by-day schedule of lecture topics is shown below. Ch.21-2 refers to chapter 21, Section 2 of the text *University Physics (13th Ed)* by Young and Freedman. Exam dates are shown in bold (all exams will be held during regular class hours).

Date	Lecture Topic	Study Guide
T 10/25 (Friday)	Coulomb's Law (Ch.21-1,2,3)	SG1, Obj. 1,2
W 10/26	Electric Fields Motion in electric fields (Ch.21-4,5)	SG1, Obj. 3 SG1, Obj. 4
F 10/28	Electric Field Lines (Ch.21-6)	SG1, Obj. 5
M 10/31	Electric fields in and near conductors (Ch.22-5)	SG1, Obj. 6
W 11/2	Electric Potential and Potential Difference (Ch.23-1,2)	SG2, Obj. 7
F 11/4	EXAMINATION 1	Study Guide 1
M 11/7	Electric potential: energy considerations (Ch.23-1,2,3)	SG2, Obj. 8
W 11/9	Capacitance (Ch.24-1,2)	SG2, Obj. 9
F 11/11	Capacitors and Energy (Ch.24-3)	SG2, Obj. 9
M 11/14	Current and Resistance (Ch.25-1,2,3)	SG3, Obj. 10
W 11/16	Simple DC circuits, Emf and power (Ch.25-4,5) Resistors in series and parallel (Ch.26-1)	SG3, Obj. 10,11
F 11/18	EXAMINATION 2	Study Guide 2

Date	Lecture Topic	Study Guide
M 11/21	Multiloop DC circuits, Kirchoff's Rules (Ch.26-2)	SG3, Obj. 11
M 11/28	Magnetic Force on a moving charge and on a current carrying wire (Ch.27-1,2,6)	SG3, Obj. 12,13
W 11/30	Motion in a B field, Mass spectrometer, Velocity selector (Ch.27-4,5)	SG4, Obj. 14
F 12/2	EXAMINATION 3	Study Guide 3
M 12/5	Biot-Savart Law, Forces between parallel conductors (Ch.28-1,2,3,4)	SG4, Obj. 15 SG4, Obj. 16
W 12/7	Magnetic Field of a loop and of a solenoid (Ch.28-5,7)	SG4, Obj. 17
F 12/9	Magnetic flux (Ch.27-3) Faraday's Law (Ch.29-1,2)	SG4, Obj. 18 SG4, Obj. 19
M 12/12	Faraday's Law (contd.) Lenz's Law (Ch.29-3)	SG4, Obj. 19
W 12/14	EXAMINATION 4	Study Guide 4

If you need course adaptations or accommodations because of a disability, or if you have medical information to share with us, please make an appointment with Professor P.K.Aravind as soon as possible. If you have not already done so, and you are a student with disabilities, and you believe that may need accommodations in this class, you are encouraged to contact the Disability Services Office (DSO) as soon as possible to ensure that such accommodations are implemented in a timely fashion. The DSO is located in Daniels Hall, (508) 831-5235