

Class Schedule for Spring 17

color meaning:

Homework

Pre-class assignments

Other assignments

Study sessions

Exams

		Mon	Tue	Wed	Thu	Fri	Sat	Sun	Lab
1	Jan 23	Welcome Syllabus	PCA 22-1	Ch 22 <i>Electric Charges and Forces</i>	PCA 22-2	Ch 22		PCA 22-3	Introduction, Syllabus E&M survey
2	Jan 30	Ch 22 <i>Group formation</i>	PCA 23-1	Ch 23 <i>The Electric Field</i>	PCA 23-2	Ch 23		HW 22 PCA 23-3	Lab 1: Electrostatics
3	Feb 6	Ch 23	PCA 23-4	Ch 23	PCA 24-1	Ch 24 <i>Gauss's Law</i>		HW 23 PCA 24-2	Lab 2: Field mapping
4	Feb 13	Ch 24	PCA 24-3	Ch 24	PCA 24-4	Ch 24		HW 24 PCA 25-1	Lab 3: Electron beams and the CRT
5	Feb 20	Ch 25 <i>The Electric Potential</i>	PCA 25-1	Ch 25		Midterm 1 Ch 22--24		PCA 25-3	No lab
6	Feb 27	Ch 25	PCA 26-1	Ch 26 <i>Potential and Field</i>	PCA 26-2	Ch 26		HW 25 PCA 26-3	Lab 4: DC circuits I: Voltage, current and resistance
7	Mar 6	Ch 26	PCA 27-1	Ch 27 <i>Current and Resistance</i>	PCA 27-2	Ch 27		HW 26 PCA 27-3	Lab 5: DC circuits II: Voltage dividers and diodes
8	Mar 13	Ch 27	PCA 28-1	Ch 28 <i>Fundamentals of Circuits</i>		Midterm 2 Ch 25--27		HW 27 PCA 28-2	Lab 6: Oscilloscope tutorial
	Mar 20	SPRING BREAK							
9	Mar 27	Ch 28	PCA 28-3	Ch 28		Cesar Chavez		PCA 28-4	Lab 7: RC circuits
10	Apr 3	Ch 28	PCA 29-1	Ch 29 <i>The Magnetic Field</i>	PCA 29-2	Ch 29		HW 28 PCA 29-3	Lab 8: Earth's magnetic field
11	Apr 10	Ch 29	PCA 29-4	Ch29	PCA 29-5	Ch 29		HW 29 PCA 30-1	Lab 9: Changing magnetic fields
12	Apr 17	Ch 30 <i>Electromagnetic Induction</i>	PCA 30-2	Ch 30	PCA 30-3	CH 30		HW 30 PCA 30-4	Lab 10: AC circuits I: Impedance and filters
13	Apr 24	Ch 30	PCA 32-1	Ch 32 <i>AC Circuits</i>		Midterm 3 Ch 28--30		PCA 32-2	E&M survey
14	May 1	Ch 32	PCA 32-3	Ch 32	PCA 32-4	Ch 32		HW 32 PCA 31-1	Lab 11: AC circuits II: Oscillations and resonance
15	May 8	Ch 31 <i>Electromagnetic Fields and Waves</i>	PCA 31-2	Ch 31	PCA 31-3	Ch 31 <i>Advice for Future Students</i>		HW 31	Practical exam

May 15

				WHYL survey		
				Final 8:00-10:00 in Room TBD		

Revised 1/16/2017