

Week	Day	Date	Lecture #:	(L: Lecture video)	Reading	Topic	Tutorial	Lab
1	W	23-Jun	1		Syllabus, L01: (22.1-22.2), and L02: (22.3-22.6)	Intro/Electrostatics and Coulomb Law	Introduction video	Exploring Electric Repulsion
	F	25-Jun	2		L03: (23.1-23.3), and L04: (23.4 - 23.5)	Coulomb Law, Electric Field		
2	W	30-Jun	3		L05: (23.6 - 23.8) and L06: (24.1-24.4 and 1.2)	Electric Field and Field Lines	Charge	Forces and Electric Charge I: Force vs Distance
	F	2-Jul	4		L07: (24.5 - 24.6) and L08: (24.7-24.8)	Symmetry and Gauss's Law I and Gauss's LawII		
3	W	7-Jul	5		L09: (25.1 - 25.3), L10: (25.4 - 25.5), and L11: (25.6 - 26.1)	Electric Potential I and Electric Potential II	Electric field and flux	Forces and Electric Charge II: Force vs Charge
	F	9-Jul	6		L12: (26.2-26.3), and L13: (26.4-26.5), L14*: (26.6 - 26.7)	Capacitance, and Dielectrics		
4	W	14-Jul			L14*: (31.1**-31.2), and L15: (31.3 - 31.6)	Circuits, and Single-loop Circuits	Gauss's Law	Current and Voltage in Conductors
	F	16-Jul	7		Midterm 1			
5	W	21-Jul	8		L16: (31.7 - 31.8) and L17: (27.1 - 27.3)	Multiloop Circuits and Magnetic Fields	Electric potential difference	Resistivity of Graphite Optimizing Power Generation from Photovoltaic Cells
	F	23-Jul	9		L18: (27.5 - 27.7), and L19:(14.1 - 14.3)	Current and Magnetism and Special Relativity		
6	W	28-Jul	10		L20: (14.5 - 14.6, 27.4, 27.8) and L21: (28.1 - 28.3)	Unification of E & M and Ampere Law I	A model for circuits part 3: Multiple batteries	Analyzing the RC Circuit
	F	30-Jul	11		L22: (28.4 - 28.8) and L23: (29.1 - 29.3)	Ampere Law II and Faraday Law		
7	W	4-Aug	12		L24: (29.4 - 29.5), L25: (29.6 - 29.8)	Induced emf, and Inductance	Ampere's law	Vector Directions for a Current-Carrying Wire in a Magnetic Field
	F	6-Aug			Midterm 2			
8	W	11-Aug	13		L26: (30.1 - 30.4, 30.5) and L27: (32.1 - 32.2)	Maxwell Equations & EM Waves and AC Circuits I	Lenz's Law	Electromagnetic Induction
	F	13-Aug	14		L28: (32.5 - 32.6) and L29:(32.7 - 32.8)	AC Circuits II and AC Circuits III		
9	W	18-Aug			Reveiw		No tutorial	No lab
	F	20-Aug			Final exam			
		* Lecture videos have parts.	L14: Part1, and Part2		**Read section 27.3 from paragraph after checkpoint 27.9-figure 27.18 and section 27.7 upto equation 27.16			