

Date	Day	Event	Information
5-Jan-16	Tue	Lecture 1	Organization/Information
7-Jan-16	Thu	Lecture 2	Chapter 16.1-16.3: Electric Charge, Coulomb's Law
12-Jan-16	Tue	Lecture 3	Chapter 16.4-16.5: The Electric Field, Point Charge in an Electric Field
14-Jan-16	Thu	Lecture 4	Chapter 16.6-16.7: Conductors, Gauss's Law
17-Jan-16	Sun	Homework	On-Line HW Set 1 due by 11:00pm, Chapter 16.1-16.7
19-Jan-16	Tue	Lecture 5	Chapter 17.1-17.2: Electric Potential and Potential Energy
21-Jan-16	Thu	Lecture 6	Chapter 17.3-17.4: Electric Field & Potential, Conservation of Energy
24-Jan-16	Sun	Homework	On-Line HW Set 2 due by 11:00pm, Chapter 17.1-17.4
26-Jan-16	Tue	Lecture 7	Chapter 17.5-17.7: Capacitors, Dielectrics, Stored Energy
28-Jan-16	Thu	Lecture 8	Chapter 18.1-18.4: Electric Current, EMF, Circuits, Resistance
31-Jan-16	Sun	Homework	On-Line HW Set 3 due by 11:00pm, Chapter 17.5-18.4
2-Feb-16	Tue	Lecture 9	Chapter 18.5-18.7: Kirchoff's Rules, Series and Parallel Circuits, Circuit Analysis
4-Feb-16	Thu	Lecture 10	Chapter 18.8-18.10 (Skip 18.11): Power & Energy, RC Circuits
7-Feb-16	Sun	Homework	On-Line HW Set 4 due by 11:00pm, Chapter 18.5-18.10
9-Feb-16	Tue	Lecture 11	Review
9-Feb-16	Tue	Exam 1	Chapter 16.1-18.10: 8:20pm-10:10pm
11-Feb-16	Thu	Lecture 12	Chapter 19.1-19.3: Magnetic Fields, Motion in a Magnetic Field
16-Feb-16	Tue	Lecture 13	Chapter 19.4-19.7: Motion in a Magnetic Field, Magnetic Force on a Wire
18-Feb-16	Thu	Lecture 14	Chapter 19.8-19.10: Ampere's Law, Magnetic Materials
21-Feb-16	Sun	Homework	On-Line HW Set 5 due by 11:00pm, Chapter 19.1-19.10
23-Feb-16	Tue	Lecture 15	Chapter 20.1-20.3: EMF, Faraday's Law
25-Feb-16	Thu	Lecture 16	Chapter 20.4-20.7: Lenz's Law, Transformers
28-Feb-16	Sun	Homework	On-Line HW Set 6 due by 11:00pm, Chapter 20.1-20.7
1-Mar-16	Tue	Holiday	*** No Classes ***
3-Mar-16	Thu	Holiday	*** No Classes ***
8-Mar-16	Tue	Lecture 17	Chapter 20.8-20.10: Induction, LR Circuits
10-Mar-16	Thu	Lecture 18	Chapter 21.1-21.2: Sinusoidal Currents and Voltages, Electricity
13-Mar-16	Sun	Homework	On-Line HW Set 7 due by 11:00pm, Chapter 20.8-21.2
15-Mar-16	Tue	Lecture 19	Chapter 21.3-21.5: Capacitors, Inductors, RLC Circuits
17-Mar-16	Thu	Lecture 20	Chapter 21.6-21.7: Resonances, Filters
20-Mar-16	Sun	Homework	On-Line HW Set 8 due by 11:00pm: Chapter 21.3-21.7
22-Mar-16	Tue	Lecture 21	Review
23-Mar-16	Wed	Exam 2	Chapter 19.1-21.7: 8:20pm-10:10pm
24-Mar-16	Thu	Lecture 22	Chapter 22.1-22.4: Maxwell's Equations, Electromagnetic Waves
29-Mar-16	Tue	Lecture 23	Chapter 22.5-22.8: Traveling E&M Waves, The Doppler Effect
31-Mar-16	Thu	Lecture 24	Chapter 23.1-23.5: Huygens's Principle, Snell's Law, Total Internal Reflection
3-Apr-16	Sun	Homework	On-Line HW Set 9 due by 11:00pm: Chapter 22.1-23.5

5-Apr-16	Tue	Lecture 25	Chapter 23.6-23.9: Reflection, Refraction, Mirrors, Thin Lenses
7-Apr-16	Thu	Lecture 26	Chapter 24.1-24.4: Lenses in Combination, Magnification
10-Apr-16	Sun	Homework	On-Line HW Set 10 due by 11:00pm: Chapter 23.6-24.4
12-Apr-16	Tue	Lecture 27	Chapter 24.5-24.7: Microscopes, Telescopes, Aberration
14-Apr-16	Thu	Lecture 28	Chapter 25.1-25.9 (Skip 25.5, 25.10): Interference, Double-Slit Experiment, Diffraction
17-Apr-16	Sun	Homework	On-Line HW Set 11 due by 11:00pm: Chapter 24.5-25.9
19-Apr-16	Tue	Lecture 29	Review
20-Apr-16	Wed	Make-Up Exam	Chapter 16.1-25.9: 5:10pm-7:00pm
23-Apr-16	Sat	Final Exam	Chapter 16.1-25.9: 10:00am-noon