

## Physics 2145 – Spring 2019 Schedule of assignments

Subject to change. Changes will be **in red**. Last updated: 1/14/2019

You are expected to have done the assigned reading **before** coming to class.

HW is due Friday 8am.

Date	Topic	Reading	Homework
21	<b>Martin Luther King Day-no class</b>		
23	Ch. 20: Coulomb's law	20.1-3	
25	Coulomb's law		<a href="#"><u>Homework #1</u></a>
28	Electric field	20.4-5	
30	Conductors; Forces on charges	20.6-7	
Feb 1	Ch. 20 review		<a href="#"><u>Homework #2</u></a>
4	Ch 21: Electric potential	21.1-2	
6	Electric potential	21.3-5	
8	Electric potential		<a href="#"><u>Homework #3</u></a>
11	Capacitors	21.6-9	
13	Capacitor networks	<b>23.6</b>	
15	Capacitors		<a href="#"><u>Homework #4</u></a>
18	Review		
20	Review		<a href="#"><u>Test PrepHW #1</u></a>
22	<b>Test 1 Ch. 20-21, 23.6</b>		
25	Ch. 22: Current and Resistance	22.1-4	
27	Ohm's Law and power	22.5-6	
Mar 1	Ohm's Law		<a href="#"><u>Homework #6</u></a>
4	Ch. 23 Circuits	23.1-3	
6	Circuits	23.4-5	
8	RC Circuits	23.7	<a href="#"><u>Homework #7</u></a>
11	RC Circuits		
13	Circuits		<a href="#"><u>Homework #8</u></a>
15	<b>Spring recess – no class</b>		
18	Review		<a href="#"><u>Test PrepHW #2</u></a>
20	Review		
22	<b>Test 2 Ch.22-23</b>		
<b>Mar 25- 31 Spring Break. No classes.</b>			

Apr 1	Ch. 24 Magnetic Fields	24.1-4	
3	Magnetic fields	24.3-4	
5	Magnetic fields	24.5-6	<a href="#"><u>Homework #10</u></a>
8	Magnetic fields	24.7-8	
10	Ch. 25 Electromagnetic Induction	25.1-3	
12	Electromagnetic Induction		<a href="#"><u>Homework #11</u></a>
15	Faraday's Law	25.4	
17	Faraday's Law		
19	Review		<a href="#"><u>Homework #12</u></a>
22	Review		
24	<b>Test 3 Ch. 24-25</b>		<a href="#"><u>Test PrepHW #3</u></a>
26	Electromagnetic waves	25.5-8	
29	Ch. 17: Wave Optics	17.1-3	
May 1	Ch. 18 Ray Optics	18.1-4	
3	Lenses and Mirrors	18.5-7	<a href="#"><u>Homework #14</u></a>
6	Lenses and Mirrors		
8	Ch. 19 Optical Instruments	19.1-7	
10	End Material Quiz Ch.17, 18, 25		<a href="#"><u>Homework #15</u></a>

**Final Exam: Thursday, May 16, 3:00-4:30pm**