

**Physics 133 Lecture-Lab Schedule, Fall Quarter 2017**

Text: *Physics for Scientists and Engineers* (Pearson, 3rd Edition), Randall D. Knight

Week	Dates (2017)	Ch #: Topics	Problems	Laboratory
0	9/14-9/15	Ch 25: Electric charges & forces		<b>NO LABS</b>
1	9/18-9/22	Ch 25: Electric charges & forces Ch 26: Electric field	<b>25:</b> 3, 10, 11, 16, 25, 31, 35, 44, 49, 52, 61, 66	Electrostatics
2	9/25-9/29	Ch 26: Electric field Ch 27: Gauss's Law	<b>26:</b> 4, 6, 10, 11, 16, 18, 19, 21, 23, 40, 44, 50	Electric Field I
3	10/2-10/6	Ch 27: Gauss's Law Ch 28: Electric Potential	<b>27:</b> 8, 9, 10, 19, 34, 37, 39	Electric Field II
4	10/9-10/13	Ch 28: Electric Potential Ch 29: Potential and Field	<b>28:</b> 2, 6, 15, 20, 21, 25, 26, 33, 36, 38, 42, 46	Electric Field and Potential
5	10/16-10/20	Ch 30: Current and resistance Ch 31: Fundamentals of Circuits	<b>29:</b> 5, 9, 10, 13, 18, 20, 21, 29, 35, 45, 49, 51, 54, 59, 60, 61, 62.	Circuits I
6	10/23-10/27	Ch 31: Fundamentals of Circuits	<b>30:</b> 3, 4, 8, 10, 13, 16, 38, 40 <b>31:</b> 4, 6, 7, 8, 12, 13, 16, 21, 24, 34, 36, 37, 44, 49	Circuits II
7	10/30-11/3	Ch 31: Fundamentals of Circuits Ch 32: The magnetic field	<b>31:</b> 29, 31, 41, 53, 59, 60, 62, 63, 64, 71, 73, 76	Capacitance and RC Circuits
8	11/6- <b>11/10</b>	Ch 32: The magnetic field	<b>32:</b> 4, 5, 6, 7, 10, 11, 13, 14, 16, 21, 23, 26	Earth's Magnetic Field <b>(Only Friday labs cancelled)</b>
9	11/13-11/17	Ch 32: The magnetic field Ch 33: Electromagnetic induction	<b>32:</b> 30, 33, 35, 36, 37, 45, 47, 60, 70, 80	Current Balance
nil	<b>11/20-11/24</b>	<b>THANKSGIVING WEEK</b>		<b>NO LABS</b>
10	11/27-12/1	Ch 33: Electromagnetic induction	<b>33:</b> 1, 3, 4, 6, 7, 10, 11, 13, 15, 28, 36, 39, 42, 50	Faraday's Law
Finals	12/4-12/8	Final exam week		

Academic Holidays:

Friday, November 10: Veterans Day

Monday-Friday, November 20-24: Thanksgiving week

Important Dates:

Classes start on THURSDAY September 14

Last day of instruction: Friday, December 1

Finals week starts Monday, December 4