

# Physics 1c Practical - Syllabus, Homework, and Exam Schedule Spring 2015

Reading and HW problems refer to the 9<sup>th</sup> edition of Serway and Jewett.  
A crosslist to the 8<sup>th</sup> edition is available on the course website as are all of the QP problems.

NOTE: QP problems are NOT are not in sequential order!

date	day	reading	tasks due
<b>WEEK 1</b>			
3/30	M:	<i>Magnetism and Matter</i> (available online)	
4/1	W:	30.6	
4/2	Th:		Probs. 30.7, 30.49, 30.50, 30.62; QP1, QP24 (parts a&d only)
4/3	F:	Magnetic Materials & Phase Transitions	
<b>WEEK 2</b>			
4/6	M:	31.1-2	
4/8	W:	31.3-4	
4/9	Th:		Probs. 31.11, 31.19, 31.27; QP3, QP23, QP25
4/10	F:	Faraday's Law	
<b>WEEK 3</b>			
4/13	M:	31.5-6	
4/15	W:	32.1-2	
4/16	Th:		Probs. 31.79, 32.8, 32.19, 32.81; QP5, QP6 QUIZ 1 OUT
4/17	F:	Induction	
<b>WEEK 4</b>			
4/20	M:	32.3-4	QUIZ 1 DUE
4/22	W:	32.5-6	
4/23	Th:		Probs. 32.37, 32.52, 32.54, 32.58; QP7
4/24	F:	Inductance	
<b>WEEK 5</b>			
4/27	M:	33.1-4 + optional <i>AC Circuits and Complex Impedances</i> (available online)	
4/29	W:	33.5-9	
4/30	Th:		Probs. 33.42, 33.49, 33.77; QP9, QP13, QP28 QUIZ 2 OUT
5/1	F:	AC Circuits	

**WEEK 6**

5/4 M: 34.1-5  
5/6 W: 34.6-7  
5/7 Th:

5/8 F: EM Waves

QUIZ 2 DUE

Ombudsmeeting

Probs. 34.22, 34.76; QP15, QP18,  
QP29, QP30

**WEEK 7**

5/11 M: 37.1-4  
5/13 W: 37.5-6  
5/14 Th:  
5/15 F: EM Waves and Interference

QUIZ 3 OUT

Probs. 37.4, 37.13, 37.23, 37.30,  
37.35

**WEEK 8**

5/18 M: 39.1-4  
5/19 Tu:  
5/20 W: 39.1-4  
5/21 Th: 39.1-4  
5/22 F: Simultaneity & Moving Clocks

QUIZ 3 DUE

Probs. 39.6, 39.10, 39.12, 39.13;  
QP19, QP20

**WEEK 9**

5/25 M: Memorial Day (no classes)  
5/27 W: 39.5-9  
5/28 Th:  
5/29 F: Relativity and E&M;  $E=mc^2$

QUIZ 4 OUT

Probs. 39.32, 39.34, 39.49, 39.54,  
39.56; QP21

**WEEK 10**

6/1 M:  
6/2 Tu:  
6/3 W: 39.10  
6/4 Th:  
6/5 F: The Quantum Hall Effect

QUIZ 4 DUE

Probs. 39.62, 39.63, 39.76, 39.79,  
39.87; QP22  
FINAL EXAM OUT

6/12 **FINAL EXAM DUE**