

Week	Dates	Topic	readings (Knight, 2004)
1	9/5 - 9/8	Electric Charges and Forces	Chapter 25
2	9/11 - 9/15	The Electric Field	Chapter 26
3	9/18 - 9/22	Gauss's Law	Chapter 27
4	9/25 - 9/29	Current and Conductivity	Chapter 28
5	10/2 - 10/6	The Electric Potential	Chapter 29
6	10/9 - 10/13	<i>Trinity Days</i> Potential and Field	Chapter 30
7	10/16 - 10/20	Circuits	Chapter 31
8	10/23 - 10/27	The Magnetic Field	Chapter 32
9	10/30 - 11/3	Electromagnetic Induction	Chapter 33
10	11/6 - 11/10	Excursion 1: Oscillators	Chapter 14
11	11/13 - 11/17	The Electromagnetic Field and Waves	Chapter 34
12	11/20 - 11/24	<i>Thanksgiving</i> Excursion 2: traveling waves	Chapter 20
13	11/27 - 12/1	Excursion 3: superposition	Chapter 21
14	12/4 - 12/8	<i>plenty of time to catch up</i>	
15	12/11	<i>plenty of time to catch up</i>	

**Hour Exams:**

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|--------------|-------|--|
| 1. Hour exam | 9/22  | Electric charges, fields, Gauss's law                    |
| 2. Hour exam | 10/20 | Currents, potentials and circuits                        |
| 3. Hour exam | 12/1  | Magnetic fields, induction, electromagnetic field, waves |

**(Cumulative) Final exam: December 18<sup>th</sup> 12:00 - 15:00 - bring a snack !**

**In-class quizzes:**

We will spend 10 minutes every Friday (except on exam days) on a short quiz.