

**WEEK #1** LAB: NONE  
 HOMEWORK Ch. 22: Q8, Q10, 1, 4, 5, 6, 10, 11, 19, 21  
 MAR 28 M L Introduction, Electric Charge and Coulomb's Law (Ch. 22: Sects 1-3)  
 29 T R Electric Charge and Force  
 30 W L Charge distributions, Conductors, Insulators (Ch. 22: Sects 4-6)  
 31 R R Coulomb's Law  
 APR 1 F L Electric Field (Ch. 23: Sects 1-4)

**WEEK #2** LAB: Electric Force And Electric Charge and Pre-Test  
 HOMEWORK Ch. 23: Q1, Q9, 2, 6, 12, 13, 20, 23, 30, 39  
 APR 4 M L Electric Field (Ch. 23: Sects 5-9)  
 5 T R Electric Field  
 6 W L Electric field  
 7 R R **QUIZ 1 (Ch. 22, Electric Forces)**  
 8 F L Gauss' Law (Ch. 24: Sects 1-4)

**WEEK #3** LAB: Electric Flux And Gauss's Law  
 HOMEWORK Ch. 24: Q2, Q3, 2, 3, 15, 17, 21, 26, 36, 43, S63  
 APR 11 M L Gauss' Law in systems of high symmetry (Ch. 24: Sects 5-9)  
 12 T R Gauss's Law  
 13 W L Gauss's Law in symmetrical systems, conductors  
 14 R R **QUIZ 2 (Ch. 23, Electric Fields)**  
 15 F L Electric Potential (Ch. 25: Sects. 1-4)

**WEEK #4** LAB: Electric Potential And Electric Field  
 HOMEWORK Ch. 25: Q3, Q6, 4, 5, 8, 21, 31, 32, 39, SQ11, S64, S81  
 APR 18 M L Electric Potential (Ch. 25: Sects 5-8)  
 19 T R Electric Potential  
 20 W L Electric Potential (Ch. 25: Sects 9-11)  
 21 R R **QUIZ 3 (Ch. 24, Gauss's Law)**  
 22 F L Electric Potential & Energy

**WEEK #5** LAB: NONE  
 HOMEWORK Ch. 26: 2, 16, 18, 23, S55, S60, S67, S90  
 Ch. 27: Q2, 3, 4, 16, 32, 37, 40  
 APR 25 F L Capacitance (Ch. 26: Sects 1-3)  
 26 T R Electric Potential & Energy  
 27 W L Capacitance (Ch. 26: Sects 4-5)  
 28 R R **MIDTERM I (Chs. 22-25)**  
 29 F L Current and Resistance (Ch. 27: Sects 1-4)

**WEEK #6** LAB: Electric Circuits I  
 HOMEWORK Ch. 28: 3, 5, 10, 30, 31, 33, SQ14, S64, S70, S73, S86, S88  
 MAY 2 M L Current and Resistance (Ch. 27: Sects 5-7)  
 3 T R Capacitance  
 4 W L Multiloop circuits (Ch. 28: Sects 1-4)  
 5 R R **QUIZ 4 (Chs. 26-27, Capacitance, Resistance)**  
 6 F L Multiloop circuits (Ch. 28: Sects 5-6)

**WEEK #7** LAB: Magnetic Fields And Force  
 HOMEWORK Ch. 29: Q6, Q9, 2, 8, 17, 23, 28, 36, 40, S68  
 MAY 9 M L Multiloop circuits (Ch. 28: Sects 7-8)  
 10 T R Multiloop circuits  
 11 W L The Magnetic Field (Ch. 29: Sects 1-3)  
 12 R R **QUIZ 5 (Ch. 28, Multiloop circuits)**  
 13 F L The Magnetic Field (Ch. 29: Sects 5-7)  
**Last Day to Drop Without Petition**

**WEEK #8** LAB: NONE  
 HOMEWORK Ch. 30: Q2, Q7, 2, 4, 5, 7, 10, 11, 21, 32, S59  
 MAY 16 M L The Magnetic Field (Ch. 29: Sects 8-9)  
 17 T R Review for Midterm II  
 18 W L Calculating the magnetic field (Ch. 30: Sect 1)  
 19 R R **MIDTERM II (Chapters 26-29)**  
 20 F L Calculating the magnetic field (Ch. 30: Sects 2-3)

**WEEK #9** LAB: Using Magnetic Fields To Induce Voltage and Post-Test  
 HOMEWORK Ch. 31: Q1, 1, 3, 6, 15, 18, 28, 29, S100, S104  
 MAY 23 M L Calculating the magnetic field (Ch. 30: Sects 4-5)  
 24 T R Calculating the magnetic field  
 25 W L Faraday's Law of Induction (Ch. 31: Sects 1-3)  
 26 R R **QUIZ 6 (Ch. 30, Calculating the field)**  
 27 F L Faraday's Law, Lenz's Law (Ch. 31: Sects 4-5)

**WEEK #10** LAB: NONE  
 MAY 30 M - Memorial Day (No classes)  
 31 T R Induction  
 JUN 1 W L Induction and energy (Ch. 31: Sect 6)  
 2 R R **QUIZ 7 (Ch. 31, Faraday Induction)**  
 3 F L Induction and energy, induced electric fields and Concluding Comments.

The **FINAL EXAMINATION** is scheduled based on the Tuesday recitation meeting time and is given in your recitation room. You will have your Final exam on:

**Thursday, June 9, 9:30 am - 11:18 am**