

AP PHYSICS

Magnetism

Calendar

DAY	CLASS	HOMEWORK
1	<ul style="list-style-type: none"> • Review Test • Lesson on 1st RHR • Lesson 2nd RHR and Force on an Electric Current in a Magnetic Field • Problems • Lesson on Force on Electric Charge Moving in a Magnetic Field 	<ol style="list-style-type: none"> 1. Read 20.1-20.5, pages 554-563 2. Questions, page 576: #1-10, 13, 15-16 3. Problems, page 577-578: #3, 5, 7, 11-12
2	<ul style="list-style-type: none"> • Lesson on Magnetic Field and a Straight Wire and Two Parallel Wires • Lesson on Solenoids and Applications • Problems 	<ol style="list-style-type: none"> 1. Read 20.5-20.7, 20.10-20.12, pages 500-506 2. Questions, page 577: #18, 20, 23, 25 3. Problems, pages 578: #15, 21, 27-29
3	<ul style="list-style-type: none"> • Lab - Tangent Galvanometer 	<ol style="list-style-type: none"> 1. Problems, page 581-582 : #73, 75
4	<ul style="list-style-type: none"> • Lesson on Ferromagnetism • Lesson on Induced EMF • Lesson on Faraday's Law and Lenz's Law • Lesson on EMF Induced in a Moving Conductor • Handout and Problems 	<ol style="list-style-type: none"> 1. Read 21.1-21.3, pages 584-591 2. Questions, pages 609: #1-3 3. Problems, page 610 : #2-3, 6
5	<ul style="list-style-type: none"> • Lesson on Changing Magnetic Flux and an Electric Field • Problems 	<ol style="list-style-type: none"> 1. Read 21.3-21.5, pages 590-592 2. Questions, page 609-610: #4-5, 18 3. Problems, pages 610-611: #12-14 4. Study for Test
6	<ul style="list-style-type: none"> • Lesson on Electric Generators and Back EMF • Problems and Review • Test on Magnetism 	<ol style="list-style-type: none"> 1. Read 11.1-11.4. pages 286-295 2. Questions, page 316: #1-5