

Physics 201 – General Physics II

CHECK WEBASSIGN FOR ASSIGNMENT DUE DATES.
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Tentative Course Schedule

Week of	Monday	Tuesday	Wednesday	Thursday	Friday
Jan 11	Light a Bulb	Pre-tests Lab 1: Electrophorus	Chap 21 Concepts	Lab 1: Electrophorus	Problems + Group Prob
Jan 18	MLK Jr. Day No School	Lab 2: Coulomb's Law	Chap 22 Concepts	Lab 2: Coulomb's Law	Problems + Group Prob
Jan 25	Chap 22 Mathematics	Lab 3: Potentials	Chap 23 Concepts	Lab 3: Potentials	Problems + Group Prob
Feb 1	Chap 23 Mathematics	Lab 4: RC Circuits	Chap 24 Concepts	Lab 4: RC Circuits	Problems + Group Prob
Feb 8	Chap 24 Mathematics	Lab Combine #1 Van de Graaff Spherical Capacitor	Chap 21-23 Review	Exam 1 Chap 21 - 23	Graded Grp. Prob. #1
Feb 15	Chap 25 Concepts	Lab 5: Ohm's Observation	Chap 25 Mathematics	Lab 5: Ohm's Observation	Problems + Group Prob
Feb 22	Chap 26 Concepts	Lab 6: Series and Parallel	Chap 26 Mathematics	Lab 6: Series and Parallel	Problems + Group Prob
Mar 1	Chap 27 Concepts	Lab 7: $F=q(v \times B)$	Chap 27 Mathematics	Lab 7: $F=q(v \times B)$	Problems + Group Prob
Mar 8	Chap 28 Concepts	Lab Combine #2 Electromagnet	Chap 24 - 26 Review	Exam 2 Chap 24 - 26	Graded Grp. Prob. #2
Mar 15	No School	No School	No School	No School	No School
Mar 22	Chap 28 Mathematics	Lab 8: Induction	Chap 29 Concepts	Lab 8: Induction	Problems + Group Prob
Mar 29	Chap 29 Mathematics	Lab 9: LCR Oscillations	Chap 30 Concepts	Lab 9: LCR Oscillations	No School
April 5	No School	Lab 10: Light Spectra	Chap 30 Mathematics	Lab 10: Light Spectra	Problems + Group Prob
April 12	Chap 31 Concepts	Lab Combine #3 Motor and Speaker	Chap 27 – 29 and general E&M Review	Exam 3 Chap 27 - 29	Graded Grp. Prob. #3
April 19	Chap 31 Mathematics	<u>Student Academic Conference</u>	Chap 32 Concepts	Lab 11: Snell's Law Lab	Post-tests
April 26	Chap 32 Mathematics	Lab 11: Snell's Law Lab	Optics Review	Lab 12: Simple Lenses	Problems + Group Prob Course Eval
May 3	Course Review	Lab 12: Simple Lenses	Study Day	Start of Finals	
May 10		Final Exam 9:00 am	End of Finals		

Unit 1 – Electrostatics: Chapters 21, 22 and 23; **Unit 2** – Capacitance, Direct Current (DC) Circuits: Chapters 24 and 25; **Unit 3** – Magnetism and Alternating Current (AC) Circuits (Electrodynamics): Chapters 26, 27, 28 and 29; **Unit 4** – Electromagnetic Waves: Chapter 30; **Unit 5** – Geometrical Optics: Chapters 31 and 32