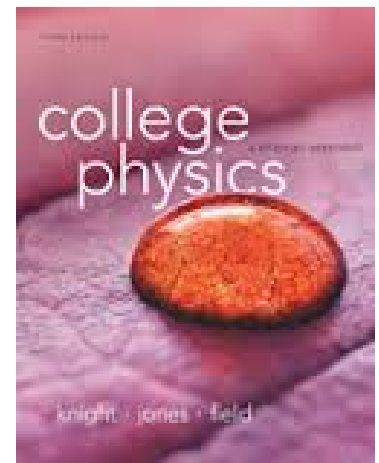


Syllabus P202 (General Physics II), Spring Semester 2016



Textbook: Knight, Jones and Field, “College Physics”, 3th edition, Pearson

Topics:

- Temperature and heat
- Heat transfer
- The ideal gas equation and kinetic theory
- Thermodynamics
- Electricity: electric forces, electric field and electric potential
- Magnetism: magnetic forces and magnetic field
- Electromagnetic induction
- Electromagnetic waves, reflection and refraction of light
- Interference

Grading: There will be four exams, each of which contributes 20% to your overall score (total 80%). The laboratory sessions grade will account for the remaining 20%. In case your score in one of the exams is lower than 75%, you will be allowed to complete a make-up exam. The score of this make-up exam replaces the score of the regular exam, but cannot exceed 75%. Make-up exams can only be requested for a total of two exams out of four. If you miss an exam due to an emergency, you will be allowed to take the exam at a later time, provided you show appropriate documentation regarding the emergency (doctor’s note etc.). If you miss an exam for a non-emergency reason, the exam’s score will be 0% and no make-up is allowed.

Disability policy: If you need assistance with a learning, physical or psychological disability that may affect your academic progress, please contact the Disability Services Coordinator at 219-980-6943/Hawthorn Hall 235.

Policy regarding sexual misconduct: What you should know about sexual misconduct: IU does not tolerate acts of sexual misconduct, including sexual harassment and all forms of sexual violence. If you have experienced sexual misconduct, or know someone who has, the University can help. It is important to know that federal regulations and University policy require faculty to promptly report complaints of potential sexual misconduct known to them to their campus Deputy Title IX Coordinator(s) to ensure that appropriate measures are taken and resources are made available. The University will work with you to protect your privacy by sharing information with only those that need to know to ensure the University can respond and assist. If you are seeking help and would like to speak to someone confidentially, you can make an appointment with a Mental Health Counselor on campus (contact information available at <http://stopsexualviolence.iu.edu/employee/confidential.html>). Find more information about sexual violence, including campus and community resources at <http://stopsexualviolence.iu.edu/>.

Schedule: The following is a tentative schedule that may vary during the semester. Please attend the classes if you want to know about any changes.

Week	Date	Book chapter	Problems for practicing
1	Jan 11	11	
	Jan 13	11	1-37
2	Jan 18	No classes	
	Jan 20	12	
3	Jan 25	12	1-68
	Jan 27	13	
4	Feb 1	13	1-40
	Feb 3	Exam #1	
5	Feb 8	20	
	Feb 10	20	1-37
6	Feb 15	21	
	Feb 17	21	1-24, 27-39
7	Feb 22	22	
	Feb 24	22	1-41
8	Feb 29	Exam #2	
	Mar 2	23	
9	Mar 7	23	1-51
	Mar 9	24	
10	Mar 21	24	1-43
	Mar 23	25	
11	Mar 28	25	1-57
	Mar 30	Exam #3	
12	Apr 4	17	
	Apr 6	17	1-36
13	Apr 11	18	
	Apr 13	18	1-40
14	Apr 18	19	
	Apr 20	19	1-35
15	Apr 25	27	
	Apr 27	27	1-38
16	May 2	Exam #4	