

COURSE INFORMATION	Instructor: Dr. Karl Frinkle Office: MTH 112 Office Hours: By appointment Office Phone: (580) 745 – 2028 E-mail: kfrinkle@se.edu Websites: http://homepages.se.edu/kfrinkle http://www.masteringphysics.com https://blackboard.se.edu
	Lab Location: SCI 126 Lab Times: T 13:15 – 17:15 Instructor: Dr. James Britton
TEXT	<i>Sears & Zemansky's College Physics</i> (9th edition), H. Young, ISBN-10 # 0321733177
ONLINE PORTION	<i>Mastering Physics</i> , Course ID – MPFRINKLE94863
TECHNICAL REQUIREMENTS	Available through the Southeastern Online Learning website or http://www.se.edu/online-learning/technology/hardware-software-requirements/
NETIQUETTE (INTERNET ETIQUETTE)	Available through the Southeastern Online Learning website or http://www.se.edu/online-learning/technology/communication-netiquette/
LIBRARY AND INFORMATION RESOURCES	Available through the Southeastern Online Learning website or http://www.se.edu/online-learning/student-services/
COURSE OVERVIEW	<p>In this course, we will cover topics many topics related to mechanics, sound and heat.</p> <p>As a general education course, this course will satisfy the goals of science reasoning and critical thinking. The goal of the science reasoning component of general education is to promote scientific literacy in students, while the goal of the critical thinking component of general education is to enhance the ability of students to integrate new information with previously acquired information to solve novel complex problems.</p>
COURSE OUTLINE	We will cover most, if not all, of the topics from chapters 1 through 16, which covers the major themes of mechanics, sound, and heat – referred to in the text as mechanics, periodic motion, waves and fluids, and thermodynamics.
COURSE WORK	<p>Homework will be assigned for most of the sections we will cover, and will be done online through the <i>Mastering Physics</i> web site. The specific problems for each section can be found in the <i>schedule.pdf</i> document. The problems on the <i>Mastering Physics</i> web site also appear in the text, however the online problems may use different values for given quantities. According to the schedule, you will have exactly one day after each section is covered to complete the homework assignment. All homework assignments are available at the beginning of the semester and will add up to 501 points, which is approximately 32% of your final grade.</p> <p>There will also be weekly discussion board assignments worth 30 points each. Since there are 8 weeks, this amounts to 240 points, which is approximately 15% of your final grade. The purpose of</p>

these assignments are to help you understand the material we are currently covering. You may be asked to actually solve a problem for the rest of the class!

There will be eight **lab exercises**, one for each Thursday afternoon lab session. For each lab session, you will be expected to: (1) Attend for the entire period, or until lab is complete, (2) Not violate lab rules, (3) Complete the exercise including the lab book notation and calculations, (4) Show all work and calculations, (5) Type up each lab in a scholarly manner, insuring that your name is on all work. Points are deducted for failure to contribute to the lab, copying results, and sloppy work. Lab work will be worth 30 points per week which amounts to 240 points and approximately 15% of your final grade.

There will be no chapter exams, only a **midterm exam** and a **cumulative final exam**. The midterm and final exam will be held during the *fourth and eighth week* lab times, respectively. The dates are June 26th and July 24th. Each exam will be worth 300 points and account for approximately 19% of your final grade.

COURSE SCHEDULE

#	Assignment	Assign Date	Due Date	Pts	Week
1	Lab 1	June 5th	June 5th	30	1
2	Week 1 Discussion Board	June 2nd	June 8th	30	1
3	HW Sections 1.1-1.6	June 2nd	June 9th	12	1
4	HW Sections 1.7-2.2	June 3rd	June 9th	24	1
5	HW Sections 2.3-2.6	June 4th	June 9th	18	1
6	HW Sections 2.7-3.3	June 5th	June 9th	18	1
7	HW Sections 3.4-4.2	June 9th	June 10th	18	2
8	HW Sections 4.3-4.5	June 10th	June 11th	18	2
9	HW Sections 4.6-5.2	June 11th	June 12th	18	2
10	Lab 2	June 12th	June 12th	30	2
11	Week 2 Discussion Board	June 9th	June 15th	30	2
12	HW Sections 5.3-5.5	June 12th	June 16th	6	2
13	HW Sections 6.1-6.3	June 16th	June 17th	18	3
14	HW Sections 6.4-7.1	June 17th	June 18th	12	3
15	HW Sections 7.2-7.5	June 18th	June 19th	24	3
16	Lab 3	June 19th	June 19th	30	3
17	Week 3 Discussion Board	June 15th	June 22nd	30	3
18	HW Sections 7.6-7.8	June 19th	June 23rd	18	3
19	HW Sections 8.1-8.4	June 23rd	June 24th	24	4
20	HW Sections 8.5-8.8	June 24th	June 25th	12	4
21	HW Sections 9.1-9.3	June 25th	June 26th	18	4
22	Lab 4	June 26th	June 26th	30	4
23	Midterm Exam	June 26th	June 26th	300	4
24	Week 4 Discussion Board	June 22nd	June 29th	30	4
25	HW Sections 9.4-10.1	June 26th	June 30th	18	4
26	HW Sections 10.2-10.4	June 30th	July 1st	18	5
27	HW Sections 10.5-10.7	July 1st	July 2nd	12	5
28	HW Sections 11.1-11.4	July 2nd	July 3rd	24	5
29	Lab 5	July 3rd	July 3rd	30	5
30	Week 5 Discussion Board	June 29th	July 6th	30	5
31	HW Sections 11.5-12.1	July 3rd	July 7th	6	5
32	HW Sections 12.2-12.5	July 7th	July 8th	18	6
33	HW Sections 12.6-12.9	July 8th	July 9th	18	6
34	HW Sections 12.10-12.13	July 9th	July 10th	12	6
35	Lab 6	July 10th	July 10th	30	6
36	Week 6 Discussion Board	July 6th	July 13th	30	6

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37	HW Sections 13.3-13.6	July 14th	July 15th	18	7
38	HW Sections 13.7-14.2	July 15th	July 16th	12	7
39	HW Sections 14.3-14.5	July 16th	July 17th	18	7
40	Lab 7	July 17th	July 17th	30	7
41	Week 7 Discussion Board	July 13th	July 20th	30	7
42	HW Sections 14.6-14.8	July 17th	July 21st	12	7
43	HW Sections 15.1-15.3	July 21st	July 22nd	18	8
44	HW Sections 15.4-15.7	July 22nd	July 23rd	18	8
45	Lab 8	July 23rd	July 23rd	30	8
46	HW Sections 16.1-16.5	July 23rd	July 24th	9	8
47	Final Exam	July 23rd	July 23rd	300	8
48	Week 8 Discussion Board	July 20th	July 24th	30	8

GRADES

Your final grade will be based upon the following items

- Homework - to be done on *MasteringPhysics*
- Lab work - attending and writing up lab experiments
- Discussion Boards - one discussion board per week
- Midterm Exam - exam covering chapters 1–8, on 2014.06.26 during Lab #4
- Final Exam - exam covering chapters 9–16 on 2014.07.24 during Lab #8

ASSESSMENT

(GRADING SYSTEM)

Grade Distribution Per Type of Assignment

type	amounts	points	total	percent
homework	31	6–24	501	32%
midterm	1	300	300	19%
final exam	1	300	300	19%
discussion boards	8	30	240	15%
written assignments	8	30	240	15%

Rounding to the next letter grade is not automatic and will be at the discretion of the instructor. The grading scale is as follows:

Letter Grade	Percentage Range	Points Range
A	90-100 %	1422-1581
B	80-89 %	1264-1421
C	70-79 %	1106-1263
D	60-69 %	948-1105
F	0-59 %	0-947

POLICIES

Cheating will not be tolerated in any shape or form. If you are caught cheating, it will be reported to the appropriate academic offices, and appropriate action will be pursued.

It is also expected that everyone will behave in a kind and courteous manner towards fellow students and the instructor.

I reserve the right to change any policies as I see fit to ensure that you are indeed receiving the best possible education that I can give you in the subject matter at hand. If I feel a certain aspect of the course does not appear to be effective in its method, I will attempt to change it (for the better I hope).

IMPORTANT DATES FOR SUMMER 2014

- 2014.06.02 - Classes begin
- 2014.06.04 - Last day to enroll in or add classes
- 2014.06.04 - Last day to drop a class with no grade record

- 2014.06.04 - Last day to drop a class with refund/no charges
- 2014.06.26 - Last day to drop a class with automatic W
- 2014.07.01 - Last day to complete final application for graduation
- 2014.07.10 - Last day to drop a class
- 2014.07.25 - Classes end

COURSE POLICIES **Attendance:** The Registrar's office defines attendance in online classes as:

- *Stopped Attending:* Students who were participating online but have stopped submitting any assignments, etc. without contacting/making arrangements with you.
- *Never Attended:* Students who never accessed Blackboard to view the course or never completed any assignments that were due for the course.
- *Excessive Absences:* Students who have submitted some work but are infrequent in their participation or late on assignments-leading to a failing grade.

Since this is an online course, students are expected to be highly self-motivated. Enrollment in this course obligates the student to attend virtual class and to participate in virtual class activities and assignments. **It is imperative that you check the course website every day, at least five (5) times a week.** Lack of participation in this class will negatively affect your grade and/or your financial aide.

Late Assignments: No extra assignments will be given any time during the semester to bring up your grade. When extenuating circumstances arise, the instructor has the right to handle the situation on an individual basis. Excuses such as "The system was down" or "I couldn't get to a computer" are not considered extenuating circumstances. Do not wait until the last minute to complete and/or submit assignments and you will not encounter these types of problems.

Makeup Exams: No make up tests will be given. It is your responsibility to meet deadlines and timelines for tests, even if they fall during holidays!

Expectations of Instructor and Students: All students are required to produce their own work unless the activity has been designed as a group project. Evidence of cheating will result in at least a zero for that activity. Students are expected to complete all assignments by the due date, participate in class discussions, and when difficulties arise, contact the instructor.

Students should expect a timely response to email questions and prompt grading and posting of assignments. Unless an announcement was posted indicating my lack of availability, you should receive a response to your email within 24 hours. If you haven't received a response within 24 hours, please email again just in case I overlooked it. Grading of, and posting of scores for, all assignments will be completed before the next assignment is due.

Other Policies: The instructor reserves the right to make adjustments to the syllabus and/or grading policy as needed in order to meet the instructional needs and goals of the class. Students will be notified of any adjustments to the syllabus.

There is a zero-tolerance policy concerning plagiarism and/or duplication of another individual's work. Besides making you feel horrible, you will receive a zero and the policy will be enforced under the guidelines of the *Academic Honesty Policy* for the University. Students are expected to work individually and turn in their own work. Any violation of academic honesty will be reported to the Office of Student Affairs.

The policies regarding academic misconduct are set forth in the institution's *Student Code of Responsibilities and Conduct*. Cheating will not be tolerated in any shape or form. If you are caught cheating, it will be reported to the appropriate academic offices, and appropriate action will be pursued.

SPECIAL ACCOMMODATIONS Any student needing special accommodations due to a disability should contact the Coordinator for Disability Services, GDJ Student Union, Suite 328 or call (580) 745-2392 (TDD# 745-2704). It is the responsibility of each student to make an official request for accommodations to the Coordinator.

AT-RISK STUDENTS Any student experiencing mental or emotional issues who desires free, confidential, clinical counseling is encouraged to contact the SE Counseling Center at (580) 745-2988 to schedule an appointment during normal working hours Monday – Friday, 8:00 AM to 5:00 PM. For after hours mental health emergencies, please call SE Campus Police at (580) 745-2911 or the Mental Health Crisis Hotline at 1-(800)-522-1090.