

(Tentative Syllabus)
General Physics—Mechanics & Heat
Physics 1301.01 – CID: 82811
Farrington Building 101
Credit Hours: 3
Fall 2017 – August 23, 2017 – December 7, 2016
Professor: Dr. John F. Wilson
(Revised July 21, 2017)

Tentative Course Outline:

Course Overview:

“General Physics—Mechanics & Heat,” an algebra-based physics course for science majors, covers the fundamentals of motion, forces and heat. Course will cover those subjects in the first eighteen chapters of James S. Walker, *Physics* Fifth Edition (San Francisco: Pearson Addison-Wesley, 2016).

Instructor: Dr. John F. Wilson
Office Location: Farrington Building Room 204E
Email: jfw008@shsu.edu
Office Hours: By Appointment, 8-9AM, 1–2PM, MWF

Class Meets: MWF Farrington 101
Section 1301.01—CID: 82811: 10:00–10:50AM

Prerequisite: None
Required Textbook: James S. Walker, *Physics* Fifth Edition (San Francisco: Pearson Addison-Wesley, 2016). Textbook is provided as a free ebook in online Pearson Mastering Physics.

Optional Texts: None

Learning Catalytics:

Students may use cell phone, SmartPhone, tablet, iPad, or laptop to enter answers for in-class quizzes. Go to your physics course in Blackboard, <https://shsu.blackboard.com>. Select **Welcome to MasteringPhysics**. In the upper right corner of the web page, select **Learning Catalytics**. Enter answers when prompted.

Homework: All homework is administered online through Pearson Mastering Physics. Instructions for setting up a Mastering Physics online may be found on Blackboard.

Examinations: There will be three regular examinations and a final examination during the semester.

Quizzes: Daily quizzes will be administered Pearson Learning Catalytics.

Make-Up Exams: No make-up exams will be given unless written justification from a physician is provided. Make-up exams will be given to students in compliance with the Religious Holy Days policy given below. Attendance is not used to calculate the final course grade.

Attendance Policy: **As per Federal regulations, attendance will be taken at every class by means of a sign-in sheet. The student will be required to sign the sheet. Failure to do so will result in the student being considered absent for the class. Federal regulations, and University policy, require that the instructor reports the last day of attendance any time that a student drops or withdraws from a class.**

Students must take the quizzes throughout the semester in order to receive credit for participation.

Class will start and end at the assigned times. No one will be permitted to enter the classroom after class has started. Please see the university catalogue for institution expectation regarding class attendance.

The final course grade will be computed as follows:

Exam 1	20%
Exam 2	20%
Exam 3	20%
Homework and Quizzes	20%
Final Exam	20%
Total	100%

Grading Scale Without a Curve:

A= 85–100
 B= 70–84
 C= 55–69
 D= 50–54

F = Below 50

- Academic Honesty:** All students are expected to engage in all academic pursuits in a manner that is above reproach. Students are expected to maintain complete honesty and integrity in the academic experiences both in and out of the classroom. Any student found guilty of dishonesty in any phase of academic work will be subject to disciplinary action. The University and its official representatives may initiate disciplinary proceedings against a student accused of any form of academic dishonesty including, but not limited to, cheating on an examination or other academic work which is to be submitted, plagiarism, collusion and the abuse of resource materials.
- Classroom Rules of Conduct:** Students will refrain from behavior in the classroom that intentionally or unintentionally disrupts the learning process and, thus, impedes the mission of the university. Cellular telephones and pagers must be turned off before class begins. Students are prohibited from eating in class, using tobacco products, making offensive remarks, reading newspapers, sleeping, talking at inappropriate times, wearing inappropriate clothing, or engaging in any other form of distraction. Inappropriate behavior in the classroom shall result in a directive to leave class. Students who are especially disruptive also may be reported to the Dean of Students for disciplinary action in accordance with university policy.
- Cell Phone Policy:** Sam Houston State University policy prohibits the use of cell phones or similar devices capable of sending and receiving voice or text communications in the classroom. All such devices must be put away and out of sight when the student enters the classroom. Failure to comply with this policy could result in expulsion from the classroom or with multiple offenses, failure of the course. Further, the use of a telephone or text messaging device is strictly prohibited during the taking of quizzes and tests. The visible presence of such a device during a quiz or test will result in an automatic zero for the test.
- Visitors in the Classroom:** Unannounced visitors to class must present a current, official SHSU identification card to be permitted in the classroom. They must not present a disruption to the class by their attendance. If the visitor is not a registered

student, it is at the instructor's discretion whether the visitor will be allowed to remain in the classroom.

American Disabilities Act: It is the policy of Sam Houston State University that individuals otherwise qualified shall not be excluded, solely by reason of their disability, from participation in any academic program of the university. Further, they shall not be denied the benefits of these programs nor shall they be subjected to discrimination. Any student with a disability that affects his/her academic performance should contact the Office of Services for Students with Disabilities in the SHSU Lee Drain Annex (telephone 936-294-3512, TDD 936-294-3786) to request accommodations. They should then make arrangements with their individual instructors so that appropriate strategies can be considered and helpful procedures can be developed to ensure that participation and achievement opportunities are not impaired.

SHSU adheres to all applicable federal, state, and local laws, regulations, and guidelines with respect to providing reasonable accommodations for students with disabilities. If you have a disability that may affect adversely your work in this class, then I encourage you to register with the SHSU Services for Students with Disabilities and to talk with me about how I can best help you. All disclosures of disabilities will be kept strictly confidential. NOTE: No accommodation can be made until you register with the Services for Students with Disabilities. For a complete listing of the university policy, see:

<http://www.shsu.edu/dept/academic-affairs/documents/aps/students/811006.pdf>

Religious Holidays: Section 51.911(b) of the Texas Education Code requires that an institution of higher education excuse a student from attending classes or other required activities, including examinations, for the observance of a religious holy day, including travel for that purpose. A student whose absence is excused under this subsection may not be penalized for that absence and shall be allowed to take an examination or complete an assignment from which the student is excused within a reasonable time after the absence. University policy 861001 provides the procedures to be followed by the student and instructor. A student desiring to absent himself/herself from a scheduled class in order to observe (a) religious holy day(s) shall present to each instructor involved a written statement concerning the

religious holy day(s). This request must be made in the first fifteen days of the semester or the first seven days of a summer session in which the absence(s) will occur. The instructor will complete a form notifying the student of a reasonable timeframe in which the missed assignments and/or examinations are to be completed.

Tentative Course Outline:

Week Beginning:

1-August	21	
August	23	First Day of Class
		Physics Ch. 1
2-August	28	Physics Ch. 2
		Physics Ch. 3
3-September	4	Monday. University Holiday - Labor Day.
		Physics Ch. 4
September	8	September 8, Friday. Twelfth Class Day. Last day to drop with a "Q" and receive 100% refund. (This does not apply to dropping your only course. Please refer to the Schedule of Classes for refund information.)
		(NOTE: Students may resign with a "W" grade from the 13th class day through the last class day, but prior to any final exams being taken or course completion.)
4-September	11	Physics Ch. 4, continued
September	16	Homework 1 Due – Chapters 1-4
5-September	18	Physics Ch. 5
September	22	September 22 - Physics Exam 1- Chapters 1-4
6-September	25	Physics Ch. 5, continued
7-October	2	Physics Ch. 6
8-October	9	Physics Ch. 7
October	14	Homework 2 Due – Chapters 5-7
9-October	16	Physics Ch. 7, continued
October	20	October 20 - Physics Exam 2- Chapters 5-7
10-October	23	Physics Ch. 8
11-October	30	Physics Ch. 10
12-November	6	Physics Ch. 10, continued
13-November	13	Physics Ch. 16
14-November	20	Physics Ch. 16, continued
November	22	November 22, 23, 24 Thanksgiving holidays for students and faculty.
November	25	Homework 3 Due – Chapters 8, 10, 16
15-November	27	Physics Ch. 16, continued
November	29	November 29 - Physics Exam 3 - Chapters 8, 10, 16
		December 1, Friday. Last Class Day.

16-December	4	December 4, 5, 6, 7 Monday, Tuesday, Wednesday, Thursday. Final examinations.
December	4	1301.01(MWF 10-10:50AM) – Final Exam 10:30AM- 12:30AM
December	11	Fall Semester Ends.