

PHYS 201: Problem Solving in Mechanics

COURSE SYLLABUS: Spring 2013

Instructor: Dr. Kent Montgomery

Office Location: Science 148

Office Hours: MTWTh 9:00–10:00 or by appointment

Office Phone: 903-468-8650

University Email Address: kent.montgomery@tamuc.edu

Course Location and Time:

T 3:30 to 4:30 p.m., Science 123

COURSE INFORMATION

Materials – Textbooks, Readings, Supplementary Readings:

Textbooks Required:

- Fundamentals of Physics Extended, 9th edition, Halliday, Resnick, and Walker

There are alternate versions of the text that are acceptable; contact me for details.

Course Description:

This is a companion course to PHYS 2425 and must be taken concurrently with PHYS 2425. The purpose is to provide students an opportunity to work together and with the Professor on problem solving skills

Prerequisites: Math 191 or Math 2413 (Calculus I) or be concurrently taking Calculus I

COURSE REQUIREMENTS

Grading

The grade is based on attendance.

COURSE AND UNIVERSITY PROCEDURES/POLICIES

Course Specific Procedures:

Classroom behavior: I require you to follow some simple good manners that will make class time much more productive for you and your fellow students.

During lecture and labs,

- Do not be disruptive or disrespectful.

- Turn off your cell phone ringer.
- Do not answer your phone in the classroom.
- Do not send or view texts, tweets, emails, photos, or any other communication.
- Do not use computers during lecture for any purpose (laptops are lousy for taking notes in physics).
- Do not use iPods, MP3 players, Pandora, Sony Walkmen, mouth organs, or any other type of noise-making device.

Academic integrity: A major goal of this and most every university course is for you to learn and appreciate subject material. Academic dishonesty (“cheating”) actively prevents you from achieving this goal. Academic dishonesty is taken seriously by the University and by me, and will not be tolerated. (See the TAMU-C Code of Student Conduct and the TAMU-C Procedures A 13.04, 13.12, 13.31, and 13.32.)

This conduct is not only considered wrong in this course and at this University, but also in the real world. Engaging in these activities will get you fired from a job and prevent you from getting another job.

Unethical student conduct includes:

- **Plagiarism**, or copying the words of others with the intent of making it look like your own. Whether you use someone else’s phrase word for word, or whether you try and change a few words, or even if you just borrow someone else’s original idea and don’t give them credit, that’s unethical. Use your own words whenever possible, give credit to wherever you got an idea, and put direct quotes inside quotation marks.
- **Cheating** involves trying to trick me or others into thinking you did work that you really didn’t do, or into thinking you know what you really don’t know. This can include stealing exams, changing your answers on a graded exam or assignment and claiming it was graded wrongly, putting your name on someone else’s homework, and so on. Searching the Internet for homework or exam solutions is considered cheating. Borrowing a previous student’s homework, exams, or solution sets is considered cheating.
- **Collusion** is working with another person to cheat. This can include copying someone else’s answers to an exam or assignment, doing work for another student, buying or otherwise obtaining homework/exam solutions from any source online or off-line, or any other instance of multiple people engaging in some form of cheating or dishonesty. Working with other students on an assignment is fine and encouraged as long as everyone contributes and each student does their own work.
- **Any other activity that, to a reasonable person, looks wrong.** If you have any doubt whatsoever whether a certain action is considered dishonest, please ask me *before* engaging in the activity. There is no need to be embarrassed about asking, and I won’t penalize you for asking! In this class, if you follow the maxim “it’s easier to beg forgiveness than to ask permission”, don’t expect forgiveness to be forthcoming.

If you engage in academic dishonesty during any graded activity, you will receive no credit for that activity. More than one instance of dishonesty by a student will result in

automatic failure of the course and referral of the student for disciplinary action.

For further information, search the Texas A&M-Commerce website for “academic integrity policy”.

University Specific Procedures:

ADA Statement

The Americans with Disabilities Act (ADA) is a federal anti-discrimination statute that provides comprehensive civil rights protection for persons with disabilities. Among other things, this legislation requires that all students with disabilities be guaranteed a learning environment that provides for reasonable accommodation of their disabilities. If you have a disability requiring an accommodation, please contact:

**Office of Student Disability Resources and Services
Texas A&M University-Commerce
Gee Library 132
Phone (903) 886-5150 or (903) 886-5835
Fax (903) 468-8148**

StudentDisabilityServices@tamuc.edu
[Student Disability Resources & Services](#)

Student Conduct

All students enrolled at the University shall follow the tenets of common decency and acceptable behavior conducive to a positive learning environment. (See *Code of Student Conduct from Student Guide Handbook*).