

Physics 201
Spring 2008
Office: GOSN224
Office Hours: T,Th 2:30-3:30pm, F 11:00am-12:00pm

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GENERAL PHYSICS

Texts: *Physics for Scientists and Engineers*, Serway and Jewett, 7th Edition

Goals: To learn the fundamental principles and theories of mechanics.
To apply these fundamental principles and theories to solve problems.
To gain a broad understanding and appreciation of the intellectual activity that characterizes the history of physics.

Physics Topics: Units, conversion, and problem solving. Kinematics (position, velocity, acceleration). Circular motion. Forces and Newton's laws. Work, kinetic energy, and potential energy. Linear momentum and collisions. Rotational kinematics and dynamics. Static equilibrium. Oscillatory motion.

Homework: Assignments will be given on Thursday, and in most cases are due 7 days later (Thursday of the following week). Homework will not be turned in, but will instead be submitted via the WebAssign web portal.

TO RECEIVE HOMEWORK CREDIT, YOU MUST SUBMIT YOUR ANSWERS VIA THE WEBASSIGN PORTAL.

Attendance: Attendance is mandatory, and will be recorded at the beginning of each class. If you miss more than three classes in the semester, for ANY REASON, you will not be allowed to write the final exam, and will receive a failing grade in the course.

Exams: Two hourly exams and a comprehensive final. See schedule below.

Grading:	Homework	25%
	Each hourly exam	20% x 2 = 40%
	Final exam	35%

Homework is due by MIDNIGHT on the due date. If you do not complete the web-based assignment by this time, the system will NOT allow you to submit the assignment. Normally, no extensions will be given, except with a valid documented excuse (typically medical reasons or other university sanctioned activities).

If you miss one of the hourly exams because of a valid, documented reason, the grade portion for that exam will be added to your final exam weighting. No make-up exams will be given under any circumstances.

The evaluation of your performance in this course will be based entirely on the regular homework assignments and scheduled exams. There is no possibility to do extra work for extra credit.

Final grades will be assigned as follows:

A = 87-100%; A⁻ = 80-86 %
B⁺ = 77-79 %; B = 73 -77 %; B⁻ = 70 – 73 %
C⁺ = 67-69%; C = 63 -67 %; C⁻ = 60 – 63 %
D⁺ = 57-59%; D = 53 –57 %; D⁻ = 50 – 53 %: F < 50%

Disability Statement: In order to receive an accommodation, your disability must be on record in the Academic Advising Center (594-8763 – Student Union 3125). Once you have this accommodation letter in hand, please make an appointment to see me, and we can discuss your specific needs.

Academic Referrals: We want you to succeed at CNU; therefore, I may notify the Academic Advising Center if you seem to be having problems with this course. Someone may contact you to help you determine what you need to succeed. You will be sent a copy of the referral form. I invite you to see me at any time that I can be of assistance in helping you with the course material.

Schedule

Week	Walker	HW Due	Comments
01/21/08	Ch 1,2		
01/28/08	Ch 2	01/31/08	
02/04/08	Ch 3	02/07/08	
02/11/08	Ch 4	02/14/08	
02/18/08	Ch 5		Test 1 – Tues. 2/19 – covers Ch. 1, 2, and 3
02/25/08	Ch 5,6	02/28/08	
03/03/08	Ch 6,7	03/06/08	
03/10/08			Spring Break!
03/17/08	Ch 7	03/20/08	
03/24/08	Ch 8	03/27/08	
03/31/08	Ch 9		Test 2 – Tues. 04/01 - covers Ch. 4-7, inclusive.
04/07/08	Ch 9,10	04/10/08	
04/14/08	Ch 10,11	04/17/08	
04/21/08	Ch 11,12	04/24/08	
04/28/08	Ch12,15	05/01/08	