

PHYS 111-01 CLASSICAL PHYSICS – FALL 2009

- INSTRUCTOR:** Dr. Gerry Ruch
Office OWS 160E
962-5207
email: gtruch@stthomas.edu
- OFFICE HOURS:** Tuesday and Thursday 9:30am to 10:30am. If these times don't work catch me in class or send an email and we can set up a time.
- WEBSITE:** The Departmental Website for physics courses is:
<http://www.stthomas.edu/physics/coursematerials/default.html>
- TEXT:** Essential University Physics 1st Ed. by Richard Wolfson
Pearson Addison Wesley Publishers
- TESTS & QUIZZES (86%):** There are six tests throughout the semester and three quizzes. Your lowest test score will be weighted at 7% and all other tests count as 14% of your final grade. The quizzes are worth 3% each. Tests and quizzes must be taken at the scheduled time. Missed tests and quizzes can only be made-up at my discretion as to type and time.

If you have documented disabilities and need classroom accommodations please let me know as early as possible.
- HOMEWORK, ETC. (14%):** During the semester we will conduct a variety of laboratory exercises and group problems in class. In addition to the in class work, homework problems are assigned regularly. As an incentive to keep up with homework, tests will include at least one problem that will be taken directly from the homework or in-class group exercises. Homework will be collected and solutions to the homework and group problems will be posted on the class website.
- HONOR CODE:** In the process of conducting scientific work it is essential that an attitude of trust and honesty is common to all participants. In the Physics Department we have an honor code. We expect you to behave honorably in all aspects of your life. This means that we trust you. For example, you are free to leave the room during test, even without asking me. Because we take this trust seriously, a breach of the trust has severe consequences. Cheating in any form is grounds for dismissal from the course with a grade of F. When working on homework I expect you to communicate with each other – but all tests are to be conducted entirely on your own.

Much of what you learn in this course will be forgotten over time but the character you forge will be with you forever.
- INFLUENZA & YOU:** The University of St. Thomas is committed to a healthy campus community. During the 2009-2010 academic year, there will be ongoing concerns regarding the prevalence among university faculty, staff and students of both the H1N1 virus and seasonal influenza. To help limit the spread of these illnesses, the Centers for Disease Control has provided college campuses the following recommendation: students, faculty, or staff with influenza like illnesses (temperature of 100.0 or greater, plus a cough or sore throat) are directed to self-isolate (or stay home) for at least 24 hours after their fever is gone without the use of fever-reducing medicine. In the event that students are unable to attend classes due to this self-isolation recommendation, they should consult the university's pandemic web site <http://www.stthomas.edu/pandemic/plan/default.html> and complete an on-line form informing professors of their absence. In accordance, faculty will provide opportunities for these students to participate in alternative educational delivery due to this illness.

PHYS 111-01 CLASSICAL PHYSICS – FALL 2009

GRADING SCALE:

A	$92\% \leq X$	C+	$78\% \leq X < 80\%$
A-	$90\% \leq X < 92\%$	C	$68\% \leq X < 78\%$
		C-	$66\% \leq X < 68\%$
B+	$88\% \leq X < 90\%$		
B	$82\% \leq X < 88\%$	D+	$64\% \leq X < 66\%$
B-	$80\% \leq X < 82\%$	D	$58\% \leq X < 64\%$
		D-	$56\% \leq X < 58\%$
		F	$X < 56\%$

SCHEDULE:

	9/9	W			
	9/11	F			
	9/14	M			
	9/16	W			
	9/18	F			
Test 1	9/21	M	Ch 1,2,3: kinematics		
	9/23	W			
	9/25	F			
Quiz 1	9/28	M	Ch 4,5: dynamics		
	9/30	W			
	10/2	F			
Test 2	10/5	M	Ch 4,5: dynamics		
	10/7	W			
	10/9	F			
	10/12	M			
Quiz 2	10/14	W	Ch 6,7: work / energy		
	10/16	F			
	10/19	M			
	10/21	W			
Test 3	10/23	F	Ch 6,7,8: work / energy / gravity		
	10/26	M			
	10/28	W			
Break	10/30	F	Mid-semester Break		
	11/2	M			
	11/4	W			
	11/6	F			
Test 4	11/9	M	Ch 9: momentum / impulse		
	11/11	W			
	11/13	F			
	11/16	M			
	11/18	W			
Quiz 3	11/20	F	Ch 10, 11: rotation		
	11/23	M			
	11/25	W			
Break	11/27	F	Thanksgiving		
	11/30	M			
Test 5	12/2	W	Ch 10, 11, 12: rotation / statics		
	12/4	F			
	12/7	M			
	12/9	W			
	12/11	F			
Test 6	12/16	W	Ch 13: oscillations	PHYS 111-01	8:00 am – 10:00 am
				PHYS 111-02	10:30 am – 12:30 pm
				PHYS 111-03	1:30 pm – 3:30 pm