

Lecturer: Dr. Foudil Latioui

Syllabus – Physics 203A



Southern
Illinois University
Carbondale

Office Hours: MTWR 10-11 @ Nkrs-473

Phone: 618-453-2048; Email: flatioui@siu.edu

Meetings: Lecture- MTWRF 12:10-1:10pm @ Nkrs440

Texts: Textbook = *College Physics* 8th Ed. Cutnell & Johnson

Course Description: PHY203A is a first sequence of an Algebra based physics course. We will cover Newtonian's mechanics and sound. The primary goal of this course is to develop a firm understanding of the laws of mechanics with emphasis on analytic and problem solving skills beyond concepts

Exams, Quizzes and Home-works:

- There will be *Three*, 50 min Exams, and *One* comprehensive final.
- There will be *Four*, Quizzes:
 - Two quizzes online & Two in class
- A set of homework problems will be posted online weekly
- There will be a **recorded vote** after each chapter
- Make up exams will only be arranged for documented absence.

Grading Scheme

Categories	Weights	
Quizzes	3x4%=12%	<ul style="list-style-type: none"> • I will drop the lowest grade of HW, Quizzes & Two votes • Will not drop exams • Final is comprehensive
Homework	15%	
Vote	12 %	
Exams	3 x 12% = 36%	
Final	25%	

Grading Scale

A=85.0-100.	B=75.0-84.9	C=65.0-74.9
D=50.0-64.9	F=0-49.9	

The final grade will be rounded off to the nearest 1/10th

Tentative Schedule Summer 2013

Week of:	Exams	Chapter #:	Quiz #:	Site
Jun. 10th		01:Mathematical Concepts		
		02:Kinematics 1D	Quiz 1	Online
Jun. 17th	Exam I	03: Kinematics 2D		
		04: Newton's Laws		
Jun. 24th		05: Circular Motion	Quiz 2	In Class
		06: Work & Energy		
Jul. 01nd	Exam II	Thursday, July 4 th is a Holiday (no class)		
		07: Impulse & Momentum		
		08: Rotational Kinematics		
Jul. 08th		09: Rotational Dynamics		
		10: Simple Harmonic Motion	Quiz 3	Online
Jul. 15th		11 : Fluid Mechanics		
		12: Temperature & Heat		
Jul. 22rd	Exam III	13. Transfer of Heat		
		16: Waves & Sound	Quiz 4	In Class
Jul. 29th	Final Exam	17: Interference & Sound		
		Friday, August 2nd : from 12:00 to 1:50 pm@ Nkrs 440		

Course Structure

- Lecture will be a combination of PowerPoint Presentation and on board derivations and illustrations. There will be a **non-recorded vote** after each lecture. (**You must have your iCliket**)
- Occasionally, we will have live-demos or simulations.
- To practice the concepts, we will go over key examples.
- Explore the student web site at: www.wiley.com/college/cutnell
- You will find plenty of opportunities to practice regular course questions and review quizzes for the MCAT exam.
- All resources are under <https://online.siu.edu/>

EMERGENCY PROCEDURES

Southern Illinois University Carbondale is committed to providing a safe and healthy environment for study and work. Because some health and safety circumstances are beyond our control, we ask that you become familiar with the SIUC Emergency Response Plan and Building Emergency Response Team (BERT) program. Emergency response information is available on posters in buildings on campus, available on BERT's website at www.bert.siu.edu, Department of Safety's website www.dps.siu.edu (disaster drop down) and in Emergency Response Guideline pamphlet. Know how to respond to each type of emergency. Instructors will provide guidance and direction to students in the classroom in the event of an emergency affecting your location. It is important that you follow these instructions and stay with your instructor during an evacuation or sheltering emergency. The Building Emergency Response Team will provide assistance to your instructor in evacuating the building or sheltering within the facility.

Make-up assignments will only be given for documented valid reasons:

- Religious Observance;
- Military Service;
- Bereavement (only members of the immediate family);
- Official University business;
- Properly documented medical reason that prevents you from taking the test. A letter from the doctor treating you is proper documentation; a note from student health services is not.
- Jury duty or appearance in court (properly documented)

In any case in which an absence will occur, you need to use the proper University form (Undergraduate Student Absence Form For University-Approved Activities) to request an accommodation from the instructor. This form must be presented to the instructor before the absence occurs (except in the medical emergency situation).