Period 7: 2:30pm - 3:20pm MWF Room 202

Professor Mon, Room 223D

Office Hours:
Monday: 9:30am - 10:00am
Wednesday: 11:05am - 11:30am
Appointment can be made for other times.

Professor Mon can be reached at 542-3454.

Primary means of communication is to meet with Professor Mon after class or at office hours.
Federal law prohibits discussion of student record without positive identification. This excludes common use of telephone and email.
Attendences are mandatory but no roll will be taken.

Grade information may be made available through eLearning Common of UGA.

The course is in two parts. The first has test A and a midterm. The second part has test B and a final test. All tests will be closed book and closed notes.

Academic honesty will be strictly enforced.
All students are expected to take all tests. The dates will be announced in class.

Excused absence from a test must be documented. The midterm test grade will substitute for the excused test A. There will be a makeup for an excused midterm. This makeup will be given at the time of the final test. The final test grade will substitute for the excused test B. A student excused for more than two tests/midterm will be considered for withdrawal.

Grading Policy:

45% (test A + midterm + test B + final test average) 
+ 40% (Mastering Physics Online homework) 
+ 15% (Lab) 
= 100%

The letter grade will be assigned as:
A = 90 to 100
A- = 87 to 89
B+ = 83 to 86
B = 80 to 82
B- = 73 to 79
C+ = 66 to 72
C = 56 to 65
C- = 50 to 55
D = 46 to 49
F = 0 to 45

Standard rounding will be used for the final numerical grade. For example, 89.4999 will be 89 and A-, but 89.5 will be 90 and A.

There are no exception to these assignments.

All withdrawals will be processed in accordance with University policy as stated in the undergraduate bulletin. For withdrawals before the midpoint, a grade of "W" will be assigned.
for all cases.
Students are expected to attend all classes but no record of attendance will be taken.

Required Course materials:

1. The textbook is: "Physics, 4th ed"
   by J.S. Walker (Addison Wesley, 2008).

2. An account on www.masteringphysics.com: Access code to this site is included with the required textbook. If your textbook is an used one, you can purchase an access code through the University book store or online (www.masteringphysics.com).
   You must register online at masteringphysics.com with:
   course ID = MPMON73969
   Use your "810 number" for the Student ID.(No hypens.)
   DO NOT use your SS id.

3. You will need the lab manual, "Experiments for an introductory physics course, 6th ed"
   by R.M. Wood and S.P. Lewis.

4. A simple basic scientific calculator, which must be non-programmable and cannot store equations.

Homework assignment:

Frequent online homework assignments will be an important part of the course. Homework grade is 40% of your total score.
Late homework will be reduced in maximum credit by 10% per day.
This means homework not submitted for ten days or longer will received no credit.
Homework not completed by the last day of class will received zero credit.
To account for valid excuses for not being able to submit homework, the lowest homework grade will be dropped in the calculation of grade.

Lecture attendences are mandatory.
Learning from your peers can be valuable and encouraged but plagiarism is forbidden.

Students should make maximum use of the online Mastering Physics eLearning facility. Each student's subscription to Mastering Physics also contains access to online tutorials, simulations.
There is also the "student Study Guide" which is an important part of the course.
Free tutoring is available through the UGA TuToring Program.

We will study chapters 1-14 and 16-18.

Course Schedule: (Changes are possible and will be announced in class.)

Week #1
Aug 15  Chapter 1      Intro to physics.
Aug 17  Chapter 2      One-dim kinematics.
Aug 19

Week #2
Aug 22  Chapter 3      Vectors.
Aug 24
Aug 26  Chapter 4      Two-dim kinematics.

Week #3
Aug 29
Aug 31  Chapter 5      Newton's laws of motion.
Sept 2
Week #4
Sept 5 No classes. Labor Day Holiday.
Sept 7
Sept 9 Review for Test A.

Week #5
Sept 12 Test A on Chapters 2,3,4,5.
Sept 14 Chapter 6 Applications of Newton's laws.
Sept 16

Week #6
Sept 19
Sept 21 Chapter 7 Work and Kinetic energy.
Sept 23

Week #7
Sept 26
Sept 28 Chapter 8 Potential energy and conservation of energy.
Sept 30

Week #8
Oct 3 Midterm Test on Chapters 2,3,4,5,6,7,8.
Oct 5 Chapter 9 Linear momentum and collisions.
Midterm is Oct 6.
Oct 7

Week #9
Oct 10 Chapter 10 Rotational kinematics and energy.
Oct 12
Oct 14

Week #10
Oct 17 Chapter 11 Rotational dynamics and static equilibrium.
Oct 19
Oct 21

Week #11
Oct 24 Chapter 12 Gravity.
Oct 26
Oct 28 No classes, Fall Break.

Week #12
Oct 31 Chapter 13 Oscillations about equilibrium.
Nov 2 Review for Test B.
Nov 4 Test B on Chapters 9,10,11,12,13.

Week #13
Nov 7 Chapter 14 Waves and sound.
Nov 9
Nov 11

Week #14
Nov 14 Chapter 16 Temperature and heat.
Nov 16
Nov 18

Nov 21 - 25 No classes, Thanksgiving Recess.

Week #15
Nov 28 Chapter 17 Phases and phase changes.
Nov 30
Dec 2

Week #16
Dec 5 Chapter 18 The laws of thermodynamics.
Dec 6 is a Friday class and the last day of lecture; Review for final test.
Final test on Chapters 9, 10, 11, 12, 13, 14, 16, 17, 18:
Tuesday Dec 13, 7pm, Room TBA.