PHYS1211 Spring Semester 2015


Period 5: 12:20pm - 1:10pm MWF Room 202

Professor Mon, Room 223D

Office Hours:
Monday : 1:15pm - 1:45pm
Wednesday: 1:15pm - 1:45pm
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.

Help sessions maybe possible, as resources and TA are available. There will be announcement in class in this regards.

Tutors are also available at the "UGA Tutoring Program" at Milledge Hall. Contact them directly for details.

There will be four tests. Only the top three test scores will be counted. The lowest test score of the four tests will be dropped.

All tests will be closed book and closed notes. The first three tests will be taken during regular class periods. The last test#4 will be taken on the day and at the time assigned for the final exam.

There will be no final exam. Test#4 given at the time and date of the final exam will only be for one class period of 50 minutes. The chapters covered for each test will be announced in class.

Academic honesty will be strictly enforced.

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

There will be no makeup for any tests. All missed tests count as zero. If a student missed one test, that test will be the test to be dropped. If a student missed two tests, the student should consider withdrawal from the course.

Grading Policy:

50%(test average) + 30%(Mastering Physics Online homework) + 20%(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- = 76 to 79
C+ = 75 to 78
C = 67 to 75
C- = 56 to 66
D- = 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. Students are expected to attend all classes but no record of attendance will be taken.

Course materials:

1. The textbook is:

2. An account on www.masteringphysics.com: An access code to this site is included with the required textbook. If your textbook is a used one, you can purchase an access code through the University book store or online (www.masteringphysics.com).
You can also purchase masteringphysics along, without buying a textbook.

To logon to masteringphysics use Course Id: MPMON19987
Register with your name and student number exactly as listed on your UGA record.
Note, your student number on record has 9 digit. (Leave out the last "0".)

3. For the lab part of Phys 1211,
"Experiments for an Introductory Physics Course, 2013 ed, Craig C Wiegert. The lab will be managed by your lab TA under the direction of Mr. Barnello at room 310 Physics Building.

Homework assignment:

Frequent online homework assignments will be an important part of the course. Homework grade is 30% 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 facility.

we will study chapters:  1 - 14, 20 - 21 and 16 - 17.

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

| Week #1   | Chapter 1:  1.1-1.8 | Concepts of Motion |
|          | Chapter 2:  2.1-2.7 | Kinematics in One Dimension |

| Week #2   | Chapter 3:  3.1-3.4 | Vectors and Coordinate Systems |
|          | Chapter 4:  4.1-4.7 | Kinematics in Two Dimensions |

| Week #3   | Chapter 5:  5.1-5.7 | Force and Motion |
|          | Chapter 6:  6.1-6.6 | Dynamics I: Motion Along a Line |
|          | Chapter 7:  7.1-7.5 | Newton's Third Law |

| Week #4   | Chapter 8:  8.1-8.5 | Dynamics II: Motion in a Plane |
|          | Chapter 9:  9.1-9.6 | Impulse and Momentum |
|          | Chapter 10: 10.1-10.7 | Energy |
Week #9
Oct  12  Review for Test.
Oct  14  Test #2 on Chapters 6-10
Oct  16  Chapter 11: 11.1-11.9  Work
Week #10
Oct  19  Chapter 12: 12.1-12.11 Rotation of a Rigid Body
Oct  23
Week #11
Oct  26  Chapter 13: 13.3-13.6  Newton's Theory of Gravity
Oct  28
Oct  30  Fall Break, NO Class.
Week #12
Nov  2  Chapter 14: 14.1-14.6  Oscillations
Nov  4
Nov  6
Week #13
Nov  9
Nov 11  Review for Test.
Nov 13  Test #3 on Chapters 11-14
Week #14
Nov 16  Chapter 20: 20.1-20.7  Travelling Waves
Nov 18
Nov 20  Chapter 21: 21.1-21.8  Superposition
Week #15
Nov 23  Thanksgiving Break, NO Class.
Nov 25  Thanksgiving Break, NO Class.
Nov 27  Thanksgiving Break, NO Class.
Week #16
Nov 30
Dec  2  Chapter 16: 16.1-16.6  A Macroscopic Description of Matter
Dec  4
Week #17
Dec  7  Chapter 17: 17.1-17.4  Thermodynamics
     Friday Class Schedule in Effect for Dec 8.
Dec  8  Review for Test.
     CLASSES END.

test #4 on Chapters: 20, 21, 16, 17
Thursday Dec 10 at 7pm, Room TBA.
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