

Course Information

Name: Dr. Michael Jay Schillaci
 Office: 86-1143
 Hours: MWRf 2:45 – 3:45 PM
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Course Schedule

Workshops	MWR(F)	4:00 – 5:50 AM	08-3335 (08-3365)
Tests	T	6:00 – 6:50 PM	TBD

Course Materials

1. Fundamentals of Physics, 8th edition (Volume I Required)
 Halliday, Resnick, Walker
 John Wiley & Sons, 2008

Topics from the following chapters will be covered:

Week	Topics (Textbook Chapters)
1	Units, estimation, measurement and uncertainty, graphing (1)
2	One-dimensional kinematics, vectors (2, 3)
3	Two-dimensional kinematics (4)
4	Forces and Newton's Laws (5)
5	Universal Gravitation (13)
6	Applications of Newton's Laws (6)
7	Work and kinetic energy (7)
8	Potential energy and conservation of energy (8)
9	Impulse and momentum, collisions (8, 9)
10	Energy and momentum conservation, Universal Gravitation (9, 13)

2. Workshop Manual (Required; Available in Bookstore)
 University Physics I 1017-311 Activities Manual
3. WebAssign Access. (Required; Available Online or in Bookstore)

Course Percentages and Grade Assignment

Test 1 (50-minute test)	10 %
Test 2 and Test 3 (50-minute tests)	30 %
Final Exam* (2-hour)	25 %
Workshop Activities and Laboratory Write-Ups	15 %
WebAssign Homework	10 %
Weekly Quizzes and Attendance	10 %

The final grade for the course will be computed by dividing the total number of points earned by the maximum number of points; the following percent-based grading scale will be used:

90 – 100%	A
80 – 89%	B
70 – 79%	C
60 – 69%	D
< 60%	F

Course Grading and Attendance Policies

Late submission of any work is not accepted. Attendance will be taken at every class meeting; excessive absences may result in a lower grade in accordance with university policy.

WebAssign Homework

The WebAssign assignments will consist of a mix of multiple choice and numerical questions. You will get immediate feedback as to whether your answer is right or wrong and may have multiple submissions up to the due date.

Workshop Activities

Summaries of select workshop activities will be collected. Some activities will be submitted individually while others will be submitted by the group. Every contributing student in the group earns the same grade. (Points will vary; some credit will be given for completing the activity.)

Laboratory Write-Ups

Three complete laboratory write-ups will be collected throughout the quarter, with each including an introduction, procedure, analysis and conclusion. (Each laboratory will be graded on a 10 point basis.)

****NOTE: If you miss a workshop activity you may make it up during the activity period on Friday afternoon from 12:00 – 2:00PM in Room 08-3178.***

Course Tests and Final Exam

The tests/exam will consist of multiple choice questions, multiple-step conceptual questions, and worked problems. A formula sheet will be provided. The comprehensive final exam is required; the dates for the tests are as follows:

Test	Day	Date	Time	Room
Test #1	Tuesday	March 23 rd , 2010	6:00 PM	TBA
Test #2	Tuesday	April 13 th , 2010	6:00 PM	TBA
Test #3	Tuesday	May 4 th , 2010	6:00 PM	TBA
Final Exam	Wednesday	May 19 th , 2010	2:45 – 4:45 PM	TBA

****NOTE: No cell phones, laptops, PDAs, MP3s, etc., will be allowed during tests/exam.***