INSTRUCTOR: Dr. Frank Flaherty  Flaherty@valdosta.edu

LECTURE: NH 1061 Tues, Thurs 8:00 am - 9:15 am

RECITATION: NH 1061 Tues 9:30 am - 10:20 am

LAB: NH 3044 Mon 8:00 am - 9:50 am A SECTION
     NH 3044 Weds 10:00 am - 11:50 am B SECTION
     NH 3044 Weds 1:00 pm - 2:50 pm C SECTION

OFFICE HOURS: NH 3029  Mon 10:00 am -11:00 am
               Tues 10:30 am - 12:10 pm , Weds 12:00 - 12:30 pm  3:00 - 4:00 pm
               Thurs 9:30 - 10:50 am

Corequisite - Prerequisite: Math 2261

Calculators: The use of a programmable or a data storage calculator is forbidden during tests. If in doubt about your calculator consult Dr. Flaherty.

TEXT: University Physics Volume 1 by Ling, Sanny, and Moebs Open Stax
      The book is available for download in the combined Physics 2211 section in D2L.

Grades: The final Grade will be determined by:
        Four Tests  15% each exam
        Labs  20%
        Final Exam  20%

Grade Criteria:

90% - 100%  A
80% - 89%  B
70% - 79%  C
60% - 69%  D
0% - 59%  F

Attendance: A student who has more than 20% unexcused absences may receive an F. Attendance at tests is mandatory. A scheduled doctor's appointment is not a valid excuse for missing a test. Students are not allowed to leave the room during an exam.
Title IX Statement: Valdosta State University (VSU) is committed to creating a diverse and inclusive work and learning environment free from discrimination and harassment. VSU is dedicated to creating an environment where all campus community members feel valued, respected, and included. Valdosta State University prohibits discrimination on the basis of race, color, ethnicity, national origin, sex (including pregnancy status, sexual harassment and sexual violence), sexual orientation, gender identity, religion, age, national origin, disability, genetic information, or veteran status, in the University's programs and activities as required by applicable laws and regulations such as Title IX. The individual designated with responsibility for coordination of compliance efforts and receipt of inquiries concerning nondiscrimination policies is the University's Title IX Coordinator: Maggie Viverette, Director of the Office of Social Equity, titleix@valosta.edu, 1208 N. Patterson St., Valdosta State University, Valdosta, Georgia 31608, 229-333-5463.

Access Statement: Students with disabilities who are experiencing barriers in this course may contact the Access Office for assistance in determining and implementing reasonable accommodations. The Access Office is located in Farbar Hall. The phone numbers are 229-245-2498 (V), 229-375-5871 (VP) and 229-219-1348 (TTY). For more information, please visit VSU’s Access Office or email: access@valdosta.edu.

Learning Outcomes:

Students will demonstrate knowledge of scientific and mathematical principles and proficiency in laboratory practices. Gen Ed 5
Students will use computer and information technology when appropriate Gen Ed 3
Students will express themselves clearly, logically, and precisely in writing and in speaking, and they will demonstrate competence in reading and listening Gen Ed 4
Students will apply the techniques of mathematical analysis (algebra, geometry, trigonometry, and calculus) to physical problems Physics 3
Students will effectively use computers and calculators for scientific calculation, programming, and word processing. Physics 4

Link to textbook:
TEXT: University Physics Volume 1 by Ling, Sanny, and Moebs Open Stax
https://openstax.org/details/books/university-physics-volume-1
Material Covered

Ch 1 Units and Measurement
Ch 2 Vectors
Ch 3 Motion Along a Straight Line
Ch 4 Motion in Two and Three Dimensions
Ch 5 Newton's Laws of Motion
Ch 6 Applications of Newton's Laws
Ch 7 Work and Kinetic Energy
Ch 8 Potential Energy and Conservation of Energy
Ch 9 Linear Momentum and Collisions
Ch 10 Fixed-Axis Rotation
Ch 11 Angular Momentum
Ch 12 Static Equilibrium and Elasticity
Ch 13 Gravitation
Ch 15 Oscillations
Ch 16 Waves

TEST SCHEDULE

Sept 5 TEST 1
Sept 28 TEST 2
Oct 26 TEST 3
Nov 16 TEST 4
Dec 5 FINAL EXAM 8:00 am