

## Physics 096

### General Information

Instructor: Junru Wu, A526 Cook.  
Phone: 656-6357 (office), 656-2644 (department).  
email: <mailto:Jun-ru.wu@uvm.edu>  
Office Hours: Mon 3: 30 - 4:30 p.m., Thurs. 3:30 -4:30 p. m. or by appointment.

#### Materials:

Textbook: "Conceptual Physics" 10<sup>th</sup> Edition by P.G. Hewitt, Addison-Wesley.  
Pocket calculator with functions, scientific notation and exponential functions.  
The following chapters will be covered:  
Mechanics (Chapters 2, 3, 4, 5, 6, 7, 8, 9, 10), Properties of Matter (Chapter 11, 13), Heat (Chapter 15, 16, 17), Light (Chapter 26, 27, 28), Atomic and Nuclear Physics, (Chapter 32, 33).

Course format: Two 75-minute lectures per week on Tuesday and Thursday at 2:30 P.M.- 3:45 PM, B112 Angell. New topics will be presented at this time. The power-point lecture notes are posted on line (Blackboard).

#### Homework:

Exercises listed in each chapter of the book serve as illustrations of the lecture material and are essential towards consolidation of the students' grasp of physical principles. The answers of all exercises are posted on line(Blackboard). Homework will not be graded.

#### Quizzes:

There will be approximately one quiz per chapter available on line (Blackboard). Quizzes will be graded.

#### Examinations:

There will one final exam (3:30 to 6:30 PM, May 11, 2010, Tuesday, Angell B112) based on lecture, homework and textbook material.  
The final examination will be cumulative.

#### Course Grades:

For each student, a score will be computed based:  
quizzes: 50%;  
Final examination: 50%.

#### Missing quizzes:

Missing a quiz will result in a score of zero unless the student has a valid excuse as defined below. A student with a valid excuse will not given a make-up exam. His/her final score will be renormalized.

#### Excuses:

circumstances beyond a student's control warrant an absence. Valid excuses for such absences are notes from the academic dean, the attending physician, the team coach, the officiating clergyman, the presiding judge, the arresting officer, the FEMA official etc. Merely being seen by a physician does not constitute a valid excuse neither does a sibling's out-of- town wedding.

#### Missing the Final:

Missing the final examination will result in a zero unless the student has arranged with the instructor through the appropriate academic dean for an "Incomplete."