

**COMPREHENSIVE EXAMINATION**  
**Fall 2006**  
**DEPARTMENT OF PHYSICS**

**When:**                   **Saturday, August 26, 2006**  
                                  **9-11 AM (Parts I and II: Mechanics; Electricity and Magnetism);**  
                                  **12 NOON-2 PM (Parts III and IV: Heat and Optics; Modern Physics)**

**Where:**                 **Room 204, Physics Building**

**Upon arrival at the Physics Department, a new graduate student is expected to take the Comprehensive Examination, which is offered within the first two weeks of the Fall semester. The only exception is for those students who immediately take the Qualifying Examination.**

**The Comprehensive Examination, which is at the level of undergraduate texts such as Halliday and Resnick or Tipler, covers the areas of mechanics, electricity and magnetism, heat, optics, and modern physics. (The Qualifying Examination tests on graduate-level material.)**

**The student will be informed of his or her grades; these will also be part of his/her department record. This examination involves no formal passing or failing. Its results may, however, be used by the department for evaluative purposes and in order to distribute teaching assistantships and/or recommend remedial work.**

**A student may retake the examination in order to improve his/her record.**

**Recent exams are available for inspection at the Physics Library desk or a**

**pdf version can be emailed to you. Simply send a request to [dbsander@syr.edu](mailto:dbsander@syr.edu).**