PHYSICS 232 , Introductory Physics II

Spring 1997 - General Information

- **Course Outline:** Classical theory of electricity and magnetism, electromagnetic waves, geometric and wave optics, "Modern" physics.

- **Lecturers:** Scott Pratt, 204 Cyclotron, Phone: 333-6438
  Jon Pumplin, 127 Phys. Astr., Phone: 355-9275

- **Lectures:** Pratt: MW, 7:00 - 8:20 PM Pumplin: MW, 4:10 - 5:30 PM

- **Recitations:** Recitations have been replaced by numerous office hours where students can get individual attention.

- **Office Hours:** There will be **27** hours. A schedule will be distributed.

- **Textbook:** Physics by Cutnell & Johnson, 3rd Ed., John Wiley & Sons.

- **Homework:** There will be 12 homework assignments, which are due on Saturdays at 6 PM (see course outline). Homework will be turned in and graded with MSU's *CAPA* system. A student enters solutions to questions and problems from any of the several hundred computer terminals in various buildings and dorms on campus, and knows immediately if they are right. Students are allowed 25 attempts at each problem and earn credit for all correct answers entered before the due date of the assignment.

- **Exams:** Three Midterm Exams (75 min.), final exam (2 hr.s). Students may bring one 8&1/2×11 piece of paper with notes on one side to each exam.

- **Grades:** Grades calculated strictly according to table below. Lowest midterm grade will be dropped. In Pratt's section homework will be disregarded if advantageous to grade. **Weights:** Homework assignments (30%), Midterms (40%), Final (30%).

- **Scale:**

$x =$ % of total points	Final Grade
$90.0 \leq x \leq 100$	4.0
$82.5 \leq x < 90.0$	3.5
$75.0 \leq x < 82.5$	3.0
$67.5 \leq x < 75.0$	2.5
$60.0 \leq x < 67.5$	2.0
$52.5 \leq x < 60.0$	1.5
$45.0 \leq x < 52.5$	1.0
$0 \leq x < 45.0$	0.0