

Physics 241 Information and Syllabus Fall 1997

Introduction to Modern Physics

Lectures: MWF 8:50, 1313 Sterling Hall

Discussions: Tuesday 8:50 a.m. 1407 Sterling, 9:55 a.m. 1333 Sterling

Instructor: Thad Walker, 3408 Sterling, 262-4093

Office Hours: Daily 7:30am--8:50am, Thursday 11:00am--11:59am

Text: "Modern Physics", by Blatt. See Library Reserve for texts with "Modern Physics" in the title. Tipler, Beiser are also good texts.

Grading: The final grade will be determined from a weighting of the three components listed below. The total homework score and each of the exams will be curved to an approximate 90(A)-80(B)-70(C)-60(D) scale before a final grade judgement is made.

- **Homework:** 25% of grade. 4 pts. per problem. You get 2 for making an effort, remaining 2 depending on the correctness of the answer. Late homework not accepted. Low homework score will be thrown out.
- **Exams:** 3 hour exams, total 50% of grade.
- **Final Exam:** 25% of grade, 12:25 P.M. Mon. Dec 15.

Schedule: (Some, uh, volatility is to be expected)

- Relativity (Chs. 1-3) Exam Sept 29.
- Quantum Theory (Chs. 4-7) Exam Oct. 27.
- Atoms, Quantum Statistics, Solids (Chs. 8-13) Exam Nov. 24.
- Nuclei and Particles (Chs. 14-17).

Web Page: www-atoms.physics.wisc.edu/AT/p241.html