

- Instructor:** Lynn Knutson  
1516 Sterling 262-3096
- Office Hours:** Monday - 3:30 p.m.  
Tuesday - 1:00 p.m.  
Wednesday - after class  
Friday - after class
- Exams:** We will have two exams during the term plus a final exam. Depending on preferences of the class, some or all of the exams may be take home.
- Homework:** Homework problems will generally be assigned each Wednesday and will be due the following Wednesday. The problems will be graded and returned promptly. Problem solutions will be available in the Physics Library.
- Grading:** The final grade will be based on the total accumulated points during the semester, with 100 points for each of the three exams and 50 points for homework.
- Text:** "Introduction to Modern Physics" by John D. McGervey
- Optional Text:** "Modern Physics and Quantum Mechanics" by E.E. Anderson
- Reference Books:**
- 1) "Modern Physics" by P. Tipler and "Modern Physics" by K. Krane are good reference books at the introductory (Physics 241) level.
  - 2) "Quantum Physics of Atoms, Molecules, Solids, Nuclei and Particles" by R. Eisberg and R. Resnick is a useful book that covers many topics. "Principles of Modern Physics" by R. Leighton also covers a wide range of material at the intermediate to advanced level.
  - 3) "Quantum Physics" by S. Gasiorowicz, "Introduction to Quantum Theory" by D. Park and "Quantum Mechanics" by Powell and Crasemann are all good general quantum texts at the 448-449 level. More advanced texts by E. Merzbacher and L.I. Schiff may also be useful.