

- 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:** There will be two one-hour exams and a comprehensive final. The hour exams will be held during the normal class period on dates to be announced.
- Homework:** Homework problems will be assigned on a regular basis and will be due one week after the assignment. 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 hour exam, 150 points for the final and 100 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.