

General Information

Instructor: Angus Wilkinson, MS&E room 1100J; Phone: 894-4036; E-mail: angus.wilkinson@chemistry.gatech.edu

Classroom: Molecular Science and Engineering, Room 1222

Texts: "Solid State Chemistry. An Introduction" by L.E. Smart and E. A. Moore, third edition. This course is not based on one book. It is a compilation of material from many sources! A list of other sources is provided.

Homework: There will be one assignment with a written report to the instructor and a presentation to the class as the deliverable items. The report and presentation will be worth together 15% of the class grade. The topic for the report and presentation will be assigned by the instructor to each student.

A half page abstract for the presentation on the assigned topic must be prepared, along with a bibliography, and approved by the instructor before the slides for the presentation are prepared. The slides for the presentation should be submitted to the instructor for approval prior to the presentation. The presentation should last 20 minute (half class period) and will be presented to the entire class. Evaluation of the presentation will be done using a combination of peer review of the presentation and instructor evaluation of the material used for the presentation. All presentations shall be prepared using PowerPoint.

The report should be 2.5 to 3.0 pages long (single spaced, 12 point times roman font, 1 inch margins, no more than half a page of figures) and summarize the features of the topic that the student finds most interesting and relevant to the class. The report should be written at a level that makes it accessible to other students taking the class. The report should have a bibliography with a minimum of five references to the research literature (papers or review articles, not books). The report will be evaluated by the instructor.

"Hour Exams": (total 60%) Three exams will be given on dates to be arranged

Final Exam: (25%) Comprehensive exam to be given during the scheduled exam period

Integrity: In this course, students are encouraged to study together. However, students are expected to follow the GT honor code and to neither receive nor give help to others during exams. Any student suspected of academic misconduct will be referred to the Georgia Tech Office of Student Integrity.

Review sessions: Review sessions will be held as requested.

Help: Office hours 1:00 - 2:00 PM on Tuesdays. However, the instructor will also be available to answer questions by appointment. Ask in class or by e-mail and an appointment can usually be arranged within 24 hours. If you ask for an appointment by e-mail please provide a list of times that you are available.

Dates:

First class, January 10th
MLK holiday, January 17th
First Midterm exam, February 11th
Second Midterm exam, March 16th
Spring break March 21st-25th
Third Midterm exam, April 22nd
Last class, April 29th
Final Exam, Monday, May 2nd, 8:00-10:50 AM