

Spectrometric Analysis
CH 437, CH 537 -- Fall, 2007
Syllabus

Instructor: Dr. David H. Peyton; 323B SB-I

Office hours: 1:30 - 2:30 MW, or by appointment.

Text: Introduction to Spectroscopy, 3rd Ed., Pavia, Lampman, & Kriz, 2001.
The student is, of course, also responsible for all material given in class.

Web Pages: <http://chem.pdx.edu/~peytond/>
This is a webCT-available course!

Overview: This course is designed to improve the students' prowess in using spectroscopic techniques for the structural analysis of organic chemical compounds. Students will receive training in the use of IR, UV-VIS, NMR, and MS instruments. The main part of the course will be the correct structural identification of a series of 'unknowns'.

Grades: Based on laboratory results & reports, TA opinion of student competence, and participation.

It is anticipated that incompletes or Xs will not be given. Family emergency and severe illness cases should contact the responsible instructor (Prof. Peyton) & TA.