SPECTROSCOPY
CHEM 6113

Instructor: R. White
Office: 1210 SLSRC
Office Hours: by appointment
Text: Spectrochemical Analysis by J.D. Ingle and S.R. Crouch (and other appropriate texts)

Grading:
Homework ........................................ 100 pts
2 Examinations ................................. 200 pts
Final Examination ............................. 200 pts
TOTAL 500 pts

Course Topics:
History of Spectroscopy
Reflection/Refraction/Absorption
Polarization
Diffraction
Basic Optics
Wavelength Selectors
Radiation Sources
Survey of Atomic Spectroscopy
Survey of Molecular Spectroscopy

Exam 1 Tentative Date: October 21, 2014
Exam 2 Tentative Date: December 4, 2014
Final Examination Date: Friday, December 12, 2014 at 1:30 PM

Homework will be graded during class periods. Individual problems will be assigned a value of 1 pt. Partial credit of ½ pts may be assigned when appropriate. Homework grades will be scaled at the end of the course so that the maximum possible will be 100 points. Students should not seek copies of homework solutions or exams from previous students!

The University of Oklahoma is committed to providing reasonable accommodation for all students with disabilities. Students with disabilities who require accommodations in this course are requested to speak with the instructor as early in the semester as possible. Students with disabilities must be registered with the Office of Disability Services prior to receiving accommodations in this course. The Office of Disability Services is located in Goddard Health Center, Suite 166, phone 405/325-3852 or TDD only 405/325-4173.

Each student should acquaint her or his self with the University's codes, policies, and procedures involving academic misconduct, grievances, sexual and ethnic harassment, and discrimination based on physical handicap. Students engaging in academic misconduct (including cheating, plagiarism, and any other action that may improperly affect evaluation) will be subject to sanctions in accordance with the Norman Campus Academic Misconduct Code.

The instructor reserves the right to change any items contained in this syllabus. This includes, but is not limited to: course content, scheduled dates, and fraction(s) of final grade assigned to individual components of the course.