Instructors: Dr. Kathryn R. Williams; krw@chem.ufl.edu; 392-7369
Office Hours: M, 5th; T, 8th; W, 5th; Th, 4th; F, 3rd, CLB 220

Dr. Weihong Tan; tan@chem.ufl.edu; LEI 114

Objectives: CHM 4130 is a survey of the broad range of instruments available to the chemist, including internal function, applications, and limitations. Students may obtain hands-on experience with many of the instruments in CHM 4130L, which may be taken simultaneously with or after completion of CHM 4130.


Resources: There is a sizable collection of texts on reserve under CHM 4000L in the Marston Science Library. Probably the most important of these is Harris, D.C. *Quantitative Chemical Analysis*, 8th Ed; W.H. Freeman: New York, 2010, which will be heavily used as a resource for chemical separations. Dr. Williams will also have class notes available in her office.

Grade Distribution:
- Exams (3 @ 100 pts) 300
- Quizzes (3 @ 40 pts) 120
- Written Assignments (2 @ 25 pts; 1 @30 pts) 80
- Total 500

Grading Scale: Grades will be assigned according to the following point totals:
- >450, A
- 425-449, A–
- 400-424, B+
- 375-399, B
- 350-374, B–
- 300-324, C
- 275-299, C–
- 250-274, D+
- 225-249, D

Note: Chemistry majors earning grades below C (i.e., C–, D+, D, or E) must repeat the course to earn credit toward the degree.

Exams and Quizzes:
For exams (entire class period) and quizzes (20 min) each student may bring one 8.5”x11” sheet of paper containing (both sides) any desired handwritten information.

Assignments: Solutions to homework assignments are expected to be individual efforts. Students may obtain help from Dr. Williams, the TA, or any library/web reference materials.

Students with Disabilities: Appropriate accommodations will be provided, according to the policy at [www.chem.ufl.edu/~itl/disabilities.html](http://www.chem.ufl.edu/~itl/disabilities.html).

Academic Honesty: Students are expected to obey the University of Florida Honor Code, detailed at [www.chem.ufl.edu/~itl/honor.html](http://www.chem.ufl.edu/~itl/honor.html). Violations will be reported to the Office of Student Judicial Affairs.
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