

Chemistry 41 Laboratory

Materials included in student package:

- Lab syllabus
- Professor's tel. #, e-mail and office hours
- Kit list
- Safety in the Laboratory
- Rules for Handling Reagents and Solutions
- Weighing and calibration
- Determination of Cl^- by Mohr method
- Determination of Na_2CO_3
- Sample spreadsheet for potentiometry exp.
- Sample research article, see *Anal. Chem.*
- Determination of iron in an ore
- Lecture syllabus
- Previous lecture tests & final exam

The following will be distributed prior to the beginning of the second half of the semester:

- EDTA determination of zinc
- Spectrophotometry
- Flame photometry
- Voltammetry
- Gas chromatography