

CHEM 2400 Analytical Chemistry

Course Description:

This course aims to provide students with some fundamental concepts in analytical chemistry. These include treatment of analytical data, chemical equilibria and quantitative analysis using titrimetric and electrochemical methods.

Main Course Outline (for reference only):

1. Introduction and Data Analysis
2. Chemical Equilibria
3. Precipitation Titration
4. Neutralization Titration
5. Complexometric Titration
6. Introduction to Electrochemistry
7. Redox titration and Potentiometry
8. Bulk Electrolysis
9. Voltammetry