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Textbook:

Quantitative Chemical Analysis





## Subject Matter to be Covered in CHEM 121:

- Topic (Chapters in Harris 9<sup>th</sup> Ed.)
- x Tools of the trade (0r5)
    - o Critical concepts of analytical chemistry
    - o Statistics
    - o Use of Excel
    - o Quality assurance and setting up an analytical method
  - x Chemical equilibria (6)
  - x Acids, bases, & buffers (8r10)
  - x Titrations (7, 11, 12, 16)
  - x Electrochemistry & redox titrations (14r15)
  - x Spectrophotometry & applications (18r20)
  - x Chromatography (23r25)