

Syllabus:



Teaching Assistants:

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Room: Marsh Life



Subject Matter to be Covered in CHEM 121:

- Topic (Chapters in Harris 9th Ed.)**
- x Tools of the trade (0 5)
 - 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 (8 10)
 - x Titrations (7, 11, 12, 16)
 - x Electrochemistry & redox titrations (14 15)
 - x Spectrophotometry & applications (18 20)
 - x Atomic spectroscopy (21)