

# 84.314 Analytical Chemistry II

## Instrumental Methods of Analysis

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### Syllabus

Week #1	Introduction, Overview & Fundamentals	Chapter 1,5
Week #2	Spectroscopy - Introduction	Chapter 6
Week #3	Spectroscopy - Instrumental Components	Chapter 7
Week #4	Molecular Spectroscopy	Chapter 13-15
Week #5	Atomic Spectroscopy, Exam #1	Chapter 8-11
Week #6	Chromatography - Introduction	Chapter 26
Week #7	Chromatography - Gas	Chapter 27
Week #8	Chromatography - Liquid	Chapter 28
Week #9	Chromatography - Other Techniques	Chapter 29,30
Week #10	Electrochemistry - Introduction	Chapter 22
Week #11	Potentiometric Methods, Exam #2	Chapter 23
Week #12	Coulometric Methods	Chapter 24
Week #13	Voltammetric Methods	Chapter 25
Week #14	Other Instrumental Methods, Catch Up	
Week #15	Review	

Final Exam will be given at the time scheduled by the University unless an alternate time can be determined unanimously.