

Calendar for Quantitative Analysis (CHEM 2810)**Fall 2019***(tentative)*

- 8/15 Introduction to class and analytical chemistry
Read Chapter 0
- 8/20 Review of units with conversions
Read Chapter 1
Homework = Chap 1 problems—A - D, 14-16, 20-24, 30-36
- 8/20pm Finish chapter 1; start Chapter 3 (with references to Chapter 2)
Read Chapters 2 and 3
Error, especially significant figures as applied to lab equipment
Homework: Chapter 3—A, 1-7
- 8/21 **Meets in E1053 at 2:30 pm**
Propagation of Error
Finish Chapter 3
Homework: Chapter 3—B, C, 10-16e, 21
Orientation to Lab in E3030 at 3:30 pm
- 8/22 Statistics
Read Chapter 4.1-6
Homework: Chapter 4—A, C, E, F, 3, 9, 12, 13, 17, 19, 23 and unit problems
- 8/27 Titrations
Read Chapter 7
Homework: Chapter 7—A - F, 2,3, 7-11, 17
- 8/28 Lab starts!!**
- 8/29 Normality and equivalents
Read normality primer
Homework: Normality problems; acid-base problems from Normality primer
Calibration of glassware lab due at 11:30 am
- 9/3 Gravimetric analyses
Read Chapter 1.4 and 27
- 9/5 More on Gravimetric analyses
Homework: Chapter 27—A, 14, 10, 11, 14, 18, 19, 20
- 9/10 Review Statistics and Stoichiometric Analysis (or finish)
One of the standardization labs due at 11:30 am
- 9/12 Exam One
The other standardization lab due at 11:30 am