

## Schedule of experiments for Chem 303

Fall 2018

Times: Mon–Thurs 1–5:20 pm

(except as noted by shaded areas of the schedule)

Rooms: ISC 2056, 2057, 2059, 2060 (Meet in ISC 2056)

Lab Dates	Experiments for Group:							
	A	B	C	D	E	F	G	H
Sept. 3-6	Introduction to Lab; Experiment 1 Data Analysis							
Sept. 10-13	AA	AA	Fluor	Fluor	AA (2:30)	AA (2:30)	Fluor (2:30)	Fluor (2:30)
Sept. 17-20	Fluor (2:30)	Fluor (2:30)	AA (2:30)	AA (2:30)	Fluor	Fluor	AA	AA
Sept. 24-27	Qualitative Analysis							
Oct. 1-4	Qualitative Analysis							
Oct. 8-11	Determination of Brass/ Coulometry							
Oct.15-18	No Labs—Fall Break							
Oct 22-25	MS/MS							
Oct. 29- Nov. 1	MS/MS							
Nov. 5-8	GC-MS	GC-MS	LC	LC	GC-MS (2:30)	GC-MS (2:30)	LC (2:30)	LC (2:30)
Nov 12-15	LC (2:30)	LC (2:30)	GC-MS (2:30)	GC-MS (2:30)	LC	LC	GC-MS	GC-MS
Nov. 19-22	No Labs - Thanksgiving Break							
Nov. 26-29	No Labs							
Lab Dates	Experiments for Group:							
A	B	C	D	E	F	G	H	

\*Table in Experiment pKa must be completed **prior** to lab.

**Key:**

**Data** -- Expt 1 (Data Analysis)

**GC** -- Expts 2&3 (HETP & Whiskey)

**GC-MS** -- Expt 4 (Trihaloforms with GC-MS)

**LC** -- Expt 5 (Liquid Chromatography)

**FTIR** -- Expt 6 (HCl/DCI)

**AA** -- Expt 7 (Atomic Absorption)

**PIB** -- Expt 8 (Particle in a Box)

**pKa** -- Expt 9 (pK<sub>a</sub> of an Indicator)

**Comp Chem** -- Expt 10 (Computational chemistry)