

Typical Schedule							
Week		TEAM I	TEAM II	Stat	Chem	Isotope	Ethics
1	Lead and Society	Red Potatoes, White Potatoes, <u>Experiment 1</u> Divide into Semester long Teams I and II					
	Statistics and Ethics						
2	Signals and Noise	Electronics: Analog and Digital Filtering <u>Experiment 2</u>					
	Signals & Noise, LOD						
3	Relevant Chemistry	Lead Hydroxide Equilibrium Chemistry and Ion Selective Electrodes <u>Experiment 8</u>					
	Exam I						
4	Intro Spectros	IR	UV-Vis				
5	Molecular Spectroscopy	UV-Vis <u>Experiment 13</u>	IR <u>Experiment 17</u>				
6	Fluorescence	Fluorescence <u>Experiment 15</u>	FAA <u>Experiment 12</u>				
	AA						
7	AA/Vibrational	FAA <u>Experiment 12</u>	Fluorescence <u>Experiment 15</u>				
	Vibrational Take Home Exam II						
8	Mid Semester Break	Mid semester Break	Mid semester Break				
	NMR						
9	NMR	NMR Experiment 18	ASV Experiment 7				
	Sampling						
	MidTerm Grades Are Due						
10	MS	ASV <u>Experiment 7</u>	NMR <u>Experiment 18</u>				
	Field Trip						
11	Last Day to Withdraw						
	Intro to Electro	Sample Prep <u>Experiment 23</u> Rotation					
12	Potentiometry	Sample Analysis: Student Decision: Based on Linear Range, LOD, Time, Reliability					
13	ASV/	ICP-MS <u>Experiment 19</u>	GC <u>Experiment 22</u>				
14	Separations	GC <u>Experiment 22</u>	ICP-MS <u>Experiment 19</u>				
	Separations						
15	Separations	Ethics & How do we Know the "Truth"					