

CHEM 506 Lab Schedule - Fall 2020

Fluoresce	Quinine in tonic waters using Molecular Fluorescence
Arson	Flammable Substance Residues in Carpet Samples by EI and CI GC/MS
Drugs I	Identification of Bulk Drugs by FTIR
Glass	Analysis of Glass Fragments
FNG	Fingerprinting
Drugs II	Analysis of a Simulated Blood Sample for Illicit Drugs by HPLC
BAL	Ballistic Analysis of Major and Trace Elements in bullets by ICP-OES
MS	Cocaine and DART Mass Spectrometry

Date\ Group	A	B	C
8/31	No Lab	No Lab	No Lab
9/7	Introduction	Introduction	Introduction
9/14	Fluoresce	Arson (1)	Drugs I
9/21	FNG	Arson (2)	Glass
9/28	Arson(1)	Drugs I	Fluoresce
10/5	Arson(2)	Glass	FNG
10/12	Drugs I	Fluoresce	Arson(1)
10/19	Glass	FNG	Arson (2)
10/26	Drugs II	BAL	MS
11/2	BAL	MS	Drugs II
11/9	Case Study	Case Study	Case Study
11/16	MS	Drugs II	BAL
11/23	No Lab	No Lab	No Lab
11/30	Lab Final	Lab Final	Lab Final
12/7	Lab Final due	Lab Final due	Lab Final due