Lecture: Mon, Wed 1-1:50 PM, Met CH1A
Lab: Friday 1-3:00 PM, KH 431

Tentative Lecture and Lab Schedule

Week	**Lecture**	**Lab**
1: 9/8	Syllabus	No lab
2: 9/15	Ch 1: Intro to Forensics	Lab Intro
3: 9/22	Ch 2: Crime scene & legal considerations	Evidence Collection
4: 9/29	Ch 3: Physical Evidence	ID of fibers and fabrics by differential staining & confirmation by FT-IR
5: 10/6	Ch 4: Physical Properties: glass and soil	Density and refractive index of glass
6: 10/13	Test 1: Ch 1-4 Ch 5: Analyzing organic compounds	No lab – Fall Break
7: 10/20	Mon: no class, Fall Break Campus safety: crime scene and physical evidence	Ink analysis by paper chromatography: Whose note is it?
8: 10/27	Ch 9: Forensic Chemistry and drugs	What narcotics did he/she use? Were they real?
9: 11/3	Ch 9: Forensic Chemistry and drugs Ch 10: Forensic Toxicology	Can the identity of the drugs be confirmed by using Spectrometry, ie FT-IR?
10: 11/10	Ch 11: Forensic Serology Test 2: Ch 5, 9, 10	Does the blood type at the crime scene match the suspect's blood type?
11: 11/17	Ch 13: DNA	PCR amplification of suspect's DNA
12: 11/24	Ch 13: DNA	No lab -- Thanksgiving
13: 12/1	Ch 14: Fingerprints	Electrophoresis of PCR products and Do fingerprints match the suspects' fingerprints?
14: 12/8	Presentations	Turn in lab report
Finals	Test 3: Ch 11, 13, 14	

Labs based on 4 groups of 4 students