Ms. Katz

Forensics Spring Semester
2021 SFSA1QQR-24

Welcome to Forensics class. This specialized science incorporates scientific process, laboratory skills, analytical and observation skills to figure out death and crime scenes. We will be doing lots of hands-on labs, with students working in groups and taking the information and coming up with conclusions, which have to be supported by the evidence.
We are going to use video scenarios, documentaries and movies, as well as hands on analysis.

The Books we are using are: Forensic Science: An Introduction by Richard Saferstein and Introductory Forensic Science by R. E. Gaensslen and A.K. Larsen.

Week	Topic	Book	HW	Quizzes/Tests/ Final/ projects
3-4	Crime Scene	ch. 2	ch.2 vocabulary, video handouts and mapping a room assignment	TBD
5-6	Hair evidence	ch. 3	ch. 3 vocabulary, hair analysis lab, video handouts	TBD
7-8	Fingerprinting	ch. 4	Handouts	TBD
9-10	Blood and toxicology	ch. 5	Handouts	TBD
13-14	The Microscope	ch. 7	Handouts	TBD
17-18	DNA	ch. 9	Hangouts	TBD
19-20	Trace evidence I: Hairs and Fibers	ch. 10	Handouts	TBD
21-22	Trace Evidence II: metals, paint and soil	ch. 11	Handouts	TBD
23-24	Fire Forensics	ch. 12	Handouts	TBD
25-26	Fingerprints	ch. 14	Handouts	TBD

LO1:Students will use mathematical analysis, scientific inquiry, and engineering design, as appropriate, to pose questions, seek answers, and development.

LO2: Beyond the use of reasoning and consensus, scientific inquiry involves the testing of proposed explanations involving the use of conventional techniques and procedures and usually requiring considerable ingenuity.

LO3: The observations made while testing proposed explanations, when analyzed using conventional and invented methods, provide new insights into natural phenomena.