

Instructor Email	Eric Kwong eric.kwong@sjsu.edu
Office Hours	By appointment only
Class Days/Time	Asynchronous (no required class meetings)
Prerequisites	UPPER DIVISION STANDING JS MAJOR OR MINOR: JS 10; FS MAJOR OR MINOR: FS 11
Library Subject Liaison	Nyle Monday nyle.monday@sjsu.edu
FS LibGuide	http://libguides.sjsu.edu/c.php?g=230074&p=1526987

Course Description

Scientific analysis and interpretation of physical evidence using identification and comparison techniques. Practical lab exercises in human identification, questioned documents, bite marks, trace evidence, presumptive testing and glass analysis. Additional topics include court testimony, quality assurance and ethics.

FS 162 is a required course in the FS major and FS minor. It satisfies Area B (Methodology) in the JS major. The course is recommended for anyone who plans to pursue a career in investigations.

Course Format

In the interest of safety (due to COVID-19), this class has been moved online for Spring 2021. It is scheduled as an asynchronous class, meaning that it has no required meetings, However, I will either hold optional-attendance weekly meetings to go over material in depth, and/or post video lectures which you will need to view.

Course Content Learning Outcomes

Upon successful completion of this course, students will be able to:

CLO1 Classify evidence and use appropriate analytical techniques in human identification, serology, trace evidence, questioned documents, pattern identification, glass reconstruction, and bite mark identification.

CLO2 Explain the history and importance of DNA fingerprinting, articulate the principles of DNA profiling and inheritance, and apply this knowledge to a realistic field exercise.

CLO3 Analyze and critically evaluate forensic error, and ethical issues in forensic science.

CLO4 Explain and describe the Scientific Method; the Locard Exchange Principle; safe lab practices and proper evidence handling techniques; class and individual characteristics of evidence; identification,

Forensic Science Student Group (FSS)

Forensic Science Students is a campus group open to all students interested in forensic science. The group meets biweekly during the semester and offers friendship, forensic science-related activities, networking opportunities, and mentorship. Members of the FSS participate and assist at conferences, CSI camps, guest speaking events, and other extra-curricular activities. Contact sjsu.fss@gmail.com or visit their website <https://sites.google.com/site/forensicsciencestudents/home> for more information and to apply

Justice Studies Reading and Writing Philosophy

FS 162 Forensic Science Applications Spring 2021 Course Schedule