

**Department of Justice Studies**  
**FS 162 Forensic Science Applications**  
**CRN \_\_\_\_\_ & \_\_\_\_\_, Summer 2019**

<b>Instructor</b>	
<b>Contact Information</b>	Email: <a href="mailto:shawna.bolton@sjsu.edu">shawna.bolton@sjsu.edu</a> Phone: 408-924-
<b>Office Location and Hours</b>	Health Building 210A Drop in: M & W 9:30a-10:30p    by appointment
<b>Canvas Course Website</b>	<a href="https://sjsu.instructure.com">https://sjsu.instructure.com</a> <a href="#">Login using your Tower ID Card and Password</a> Courses    FS 162
<b>Lecture/Practical Days/Time</b>	Mondays - Thursdays, 1

## Course Content Learning Outcomes (LOs)

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

- ⟨ **LO1** Classify evidence and use appropriate analytical techniques in human identification, serology, trace evidence, questioned documents, pattern identification, glass reconstruction, and bite mark identification.
- ⟨ **LO2** 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.
- ⟨ **LO3** Analyze and critically evaluate forensic error, and ethical issues in forensic science.
- ⟨ **LO4** Explain and describe the Scientific Method; the Locard Exchange Principle; safe lab

## Grading Scale for All Assignments

<u>Letter Grade</u>	<u>Percent</u>	<u>Letter Grade</u>	<u>Percent</u>	<u>Letter Grade</u>	<u>Percent</u>
A plus (A+)	97-100	C plus (C+)	77-79.9	F	<60
A	94-96.9	C	74-76.9		
<u>A minus (A-)</u>	<u>90-93.9</u>	<u>C minus (C-)</u>	<u>70-73.9</u>		
B plus (B+)	87-89.9	D plus (D+)	67-69.9		
B	84-86.9	D	64-66.9		
<u>B minus (B-)</u>	<u>80-83.9</u>	<u>D minus (D-)</u>	<u>60-63.9</u>		

All assignments are graded based on adherence to directions, thoroughness, thoughtfulness, clarity, and logic.

**Note: A grade of C or better is required for all Justice Studies major and minor coursework, and desirable for students enrolled in the Forensic Science majors and/or minor.**

### Extra Credit

Extra credit opportunities may be available throughout the semester and will be used to augment your final grade up to **3%**. You may submit up to three extra credit assignments of your choosing. Each extra credit opportunity is given a weighted value of **10 marks**.

1. **Join a professional organization** (CAC, AAFS, IAI, *etc.*) that is of specific interest to *you* and supply proof of membership before the end of the semester. A professional organization is one that holds conferences and/or produces a periodic journal. This is not the same thing as an internship, job, or student organization; it is a professional *membership*.
2. **Tour a crime lab** and write a 2-page, typed, double-spaced synopsis of the experience. Santa Clara has monthly tours, and San Ma(a)7(s)-6( m)-13(on21( M)-6(a)7((a)7(s)7((a)7.6 555.43 164.0







