

Justice Studies Department  
Forensic Science Program  
San Jose State University  
Summer 2010, M/W 9-1245  
Classroom: BBC 002

Instructor: Mary Juno  
Office Hrs: Mon 1300-1500  
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Office: MQH 521



**Class Website:**

<http://www.sjsu.edu/people/mary.juno/courses/js111/>

**JS 111**

**Fingerprint Science**

**Course Description**

History and use of fingerprints in criminal identification. Topics include the scientific basis for fingerprint identification, levels of detail used in identification, Henry Classification, methods of development, automated systems such as AFIS and CAL-ID, and court presentation of fingerprint evidence. **Justice Studies or Forensic Science majors only.**

**Course Text and Materials**

- Hawthorne, M. (2009). *Fingerprints: Analysis and Understanding*. Boca Raton: CRC Press. ISBN-13 978-1-4200-6864-1.
- **Supplemental Documents and Labs for JS 111 available on class website**

**Course Format**

The course will include lectures by the instructor, class discussions, powerpoint presentations, and lab exercises. Text will be supplemented with documents posted on the class website.

**Course Requirements**

- **Homework:** Review questions at the back of each chapter will be assigned. Additional homework may also be assigned.
- **Quizzes/Exams** There will be quizzes on readings and lectures, and one final exam. Format may include multiple choice, matching, true/false, diagrams and short essays. **Make-ups will NOT be given if you are late or absent.**
- **Presentation** Each student will demonstrate the process by which he/she made a positive identification from a latent lift. This will include an explanation of the process used to locate and develop the lift, the comparison of minutiae points in a latent print and a known print, and the basis for his/her conclusion, as if for a jury.
- **Laboratory Exercises** There will be several lab exercises during the semester. These will include Recording Fingerprints on 10-Print Cards; Fingerprint Classification; Latent Print Development; and Court Presentation of Evidence. Details of format and grading will be provided with each exercise.

- **Notebook** Each student will keep a detailed notebook containing lab data and results, and examples of developed and lifted fingerprints. This will be submitted at the end of the semester.

### Grades/Percentage

A = 90-100            D = 60-69  
B = 80-89            F = <60  
C = 70-79

### Extra Credit

Extra credit opportunities may be offered throughout the semester:

- Join a professional organization (IAI, AAFS, CAC, etc.)
- Tour a latent fingerprint lab and write a 2-page summary paper

**Class Participation** is expected. You will be evaluated in part based upon your contributions to the class. It is essential that you come prepared to participate so keep up with the reading and plan to speak up.

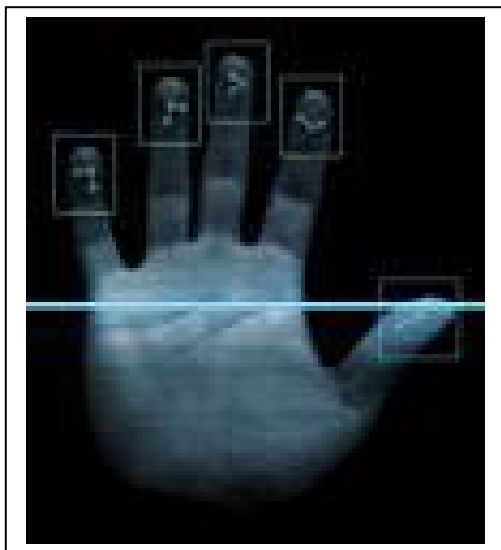
**Attendance** is imperative for success in this class. Labs will be conducted during class time, so if you cannot make it to class, you will miss the lab and lose the points. **Labs involve a lot of prep work and set up, and cannot be made up.**

**Late work** will not be accepted once the assignment has been graded and given back to the class. If you know ahead of time that you will miss a day when an assignment is due, either turn it in early, have a classmate turn it in for you, date-stamp it in the JS office (MQH 508) and put it in my box, or make other arrangements with me - *prior* to missing the class or assignment.

**Make-ups** for any assignment will not be given without prior approval from instructor, or under extraordinary, documented, circumstances. The final exam cannot be made up.

### Other Important Stuff

Please don't text/use your cell phone or surf the web in class. It's rude and distracting. If you do it, you'll be asked to leave.



### Instructor

Mary Juno earned her MS in Forensic Science from the University of Strathclyde (Glasgow, Scotland), and her BA in Forensic Anthropology from San Francisco State University. Juno worked as a CSI at the Oakland Police Department from 2000-2008, where she processed hundreds of major crime scenes. She has taught in the Oakland Police Academy and currently teaches at Cabrillo College.

### **Course Add/Drop Statement**

Instructors are permitted to drop students who fail to attend the first scheduled class meeting and who fail to inform the instructor prior to the second class meeting of the reason for any absence and their intention to continue in the class. Some instructors will drop students who do not meet the stated course prerequisites. However, instructors are not required to drop a student from their course. ***It is the student's responsibility to make sure classes are dropped.***

**You, the student,** are responsible for understanding the policies and procedures about add/drops, academic renewal, withdrawal, etc. found at: [http://sa.sjsu.edu/student\\_conduct](http://sa.sjsu.edu/student_conduct)

### **Academic Integrity Statement**

Academic integrity is essential to the mission of San José State University. As such, students are expected to perform their own work (except when collaboration is expressly permitted by the course instructor) without the use of any outside resources. Students are not permitted to use old tests, quizzes when preparing for exams, nor may they consult with students who have already taken the exam. When practiced, academic integrity ensures that all students are fairly graded. Violations to the Academic Integrity Policy undermine the educational process and will not be tolerated. It also demonstrates a lack of respect for oneself, fellow students and the course instructor and can ruin the university's reputation and the value of the degrees it offers. We all share the obligation to maintain an environment which practices academic integrity. Violators of the Academic Integrity Policy will be subject to failing this course and being reported to the Office of Student Conduct & Ethical Development for disciplinary action which could result in suspension or expulsion from San José State University. The policy on academic integrity can be found at: [http://sa.sjsu.edu/student\\_conduct](http://sa.sjsu.edu/student_conduct)

To better understand plagiarism and to aid you in making sure that you are not plagiarizing, please see me and/or visit:

<http://tutorials.sjlibrary.org/plagiarism/index.htm>

### **American with Disabilities Act**

If you need course adaptations or accommodations because of a disability, or if you need special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible, or see me during office hours. Presidential Directive 97-03 requires students with disabilities requesting accommodations must register with DRC to establish a record of their disability.

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