

**San José State University**  
**Department of Justice Studies**  
**FS 164 Crime Scene and Evidence Photography**  
**CRN 50871 & 50872, Fall 2017**

<b>Instructor</b>	Mary Juno
<b>Office Location</b>	MacQuarrie Hall 511
<b>Instructor Email</b>	<a href="mailto:mary.juno@sjsu.edu">mary.juno@sjsu.edu</a>
<b>Canvas Website</b>	<a href="https://sjsu.instructure.com/">https://sjsu.instructure.com/</a>
<b>Office Hours</b>	Drop in Monday 0800-0900, Weds 1730-1830
<b>Class Days, Times, &amp; Location</b>	M/W 1530-1725, Dwight Bentel Hall 133
<b>Prerequisites</b>	UPPER DIVISION STANDING JS MAJOR OR MINOR: JS 10; FS MAJOR OR MINOR: FS 11
<b>JS &amp; FS Library Liaison</b>	Silke Higgins <a href="mailto:silke.higgins@sjsu.edu">silke.higgins@sjsu.edu</a>
<b>FS LibGuide</b>	<a href="http://libguides.sjsu.edu/c.php?g=230074&amp;p=1526987">http://libguides.sjsu.edu/c.php?g=230074&amp;p=1526987</a>

**Course Catalogue Description**

Practical use of photography in documenting crime scenes and evidence. Topics will include 35mm camera operation, lenses, focus, exposure, depth of field, lighting, composition, flash, injury documentation, digital cameras and video, and court presentation of photographic evidence.

**Course Goals and Student Learning Objectives**

**Course Content Learning Outcomes**

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

LO1 Demonstrate understanding of digital photographic equipment function and care.

LO2 Articulate understanding of technical photography and evidence photography concepts and terms.

LO3 Articulate understanding of court requirements of photographic evidence, issues that may arise in court, and testimony regarding photographic evidence.

LO4 Demonstrate integration and mastery of technical photography principles and skills through practical exercises. Demonstrate ability to solve special problems in photography by using appropriate equipment, technique, angle, or manipulation.

**Course Format**

This course will meet on Wednesdays for lecture and project critique-review. Attendance on Wednesdays is required. Students will meet on Mondays in their teams to complete projects. Most projects will require that students demonstrate a particular problem in photography and then correct it. Students should be able to explain their process during project review.

**Texts and Materials**

**Required:** Staggs, S. (2014). *Crime scene and evidence photography, 2<sup>nd</sup> Edition*. Steven Staggs Publishing. <http://www.staggsublishing.com/CrimeSceneAndEvidencePhotography.html>  
 ISBN 9781933373072

**Required:** Digital SLR camera with manual capabilities, normal lens, tripod, removable flash unit, flashlight, camera case, neck strap, and memory sticks.

*This equipment may be rented or purchased, and/or shared with a classmate.*

List of inexpensive entry-level dSLR cameras:

<http://snapsort.com/roundups/cheapest-entry-level-dslrs>

Rentals: <http://www.calumetphoto.com/> or <http://www.gassersphoto.com/>

Purchase: <http://www.ebay.com>, or any camera store

**Recommended:** Robinson, E. M. (2010). *Crime scene photography, 2/E*. Boston: Elsevier.

**Recommended:** Jones, P. (2011). *Practical forensic digital imaging: Applications and techniques*. Boca Raton: CRC Press.

**Recommended:** Miller, L. S. & McEvoy, R. T. (2011). *Police photography, 6/E*. Elsevier.

### **Additional Readings and Important Websites**

**Crime Scene Investigator** <http://www.crime-scene-investigator.net/csi-photo.html>

**Forensic Science Simplified: Photography** <http://www.forensicsciencesimplified.org/photo/>

Additional readings may be posted on Canvas.

### **Assignments**

1. Photography Projects (40%): Composition, Lighting, Depth of Field, Exposure, Flash Photography, Nighttime Photography, Lighting Problems, Elements of the Crime, Evidence Documentation, Photographing Victims and Suspects, Luminol, Image Manipulation, and more. Students will present each project in a class critique-review format. (LO4)
2. Exams and Quizzes (40%): Periodic quizzes on reading, lectures, and projects. Some quizzes will be announced, others not. Cumulative final exam. (LO1, LO2, LO3)
3. Homework (10%): Review questions and term sheets will be assigned periodically. (LO2)
4. Participation in project review (10%): Student projects will be chosen randomly for review on Wednesdays. Attendance and discussion is required. (LO4)

### **Grading Scale for All Assignments**

A plus	97-100
A	94-96.9
A minus	90-93.9
B plus	87-89.9
B	84-86.9
B minus	80-83.9
C plus	77-79.9
C	74-76.9
C minus	70-73.9
D plus	67-69.9
D	64-66.9
D minus	60-63.9
F	<60

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

## Extra Credit

Extra credit opportunities may be available throughout the semester and will be used to augment the final grade up to 3%.

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.
2. Tour a crime lab and write a 2-page, typed, double-spaced synopsis of the experience. Santa Clara has monthly tours, and San Mateo has an annual tour in October.

## Class Policies

- No cell phones in class: Turn them off and put them away.
- Laptop use is not permitted in class; exceptions are possible but users must sit in the front row.
- Plagiarized work will result in severe disciplinary action.
- Late work may be submitted for half credit within one week of due date.
- Make-ups for exams will generally not be possible unless extraordinary, documented circumstances exist.
- Practical exercises cannot be made up, so don't miss them.
- Handle personal business before you begin an exam. A student who leaves the classroom *for any reason* during an exam will be presumed finished with the exam.

## Student Resources

### 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. FSS Peer Mentors assist forensic science students in navigating the major, understanding requirements and prerequisites, and making wise choices in their college careers. Mentors may also offer limited tutoring, and facilitate educational and professional opportunities. Contact [sjsu.fss@gmail.com](mailto:sjsu.fss@gmail.com) for more information, or to get an application for membership.

### Student Technology Resources

Computer labs for student use are available in the Academic Success Center located on the 1<sup>st</sup> floor of Clark Hall and on the 2<sup>nd</sup> floor of the Student Union. Additional computer labs may be available in your department/college. Computers are also available in the Martin Luther King Library. A wide variety of audio-visual equipment is available for student checkout from Media Services located in IRC 112. These items include digital and VHS camcorders, VHS and Beta video players, 16 mm, slide, overhead, DVD, CD, and audiotape players, sound systems, wireless microphones, projection screens and monitors.

### Learning Assistance Resource Center

The [Learning Assistance Resource Center](#) (LARC) located in Room 600 in the Student Services Center assists students in the development of their full academic potential and motivates them to become self-directed learners. The center provides support services, such as skill assessment, individual or group tutorials, subject advising, learning assistance, summer academic preparation and basic skills development. <http://www.sjsu.edu/larc/>

## **SJSU Writing Center**

The [SJSU Writing Center](http://www.sjsu.edu/writingcenter/) located in Room 126 in Clark Hall offers a variety of resources to help students become better writers, including one-on-one tutoring sessions and numerous writing workshops. All services are free for SJSU students. <http://www.sjsu.edu/writingcenter/>

## **CASA Student Success Center**

The Student Success Center in the College of Applied Sciences and Arts (CASA) provides advising for undergraduate students majoring or wanting to major in programs offered in CASA Departments and Schools. All CASA students and students who would like to be in CASA are invited to stop by the Center for general education advising, help with changing majors, academic policy related questions, meeting with peer advisors, and/or attending various regularly scheduled presentations and workshops. If you are looking for academic advice or even tips about how to navigate your way around SJSU, check out the CASA Student Success Center. Location: MacQuarrie Hall (MQH) 533. Contact information: [408.924.2910](tel:408.924.2910) Website: <http://www.sjsu.edu/casa/ssc/> The [CASA Student Success Center](#) also provides study space and laptops for checkout.

## **University Policies**

Per University Policy S16-9, university-wide policy information relevant to all courses, such as academic integrity, accommodations, etc. will be available on Office of Graduate and Undergraduate Programs' [Syllabus Information web page](#) .

## **Important Dates This Semester**

Sept 6: Last Day to Drop Without a W

Sept 13: Last Day to Add a Course, Last Day to Submit [C/NC Request](#)

Nov 16: Last Day to Submit Late Drop/[Withdrawal Request](#)

Dec 11: Last day of Instruction

## **Justice Studies Reading and Writing Philosophy**

The Department of Justice Studies is committed to scholarly excellence. Therefore, the Department promotes academic, critical, and creative engagement with language (i.e., reading and writing) throughout its curriculum. A sustained and intensive exploration of language prepares students to think critically and to act meaningfully in interrelated areas of their lives—personal, professional, economic, social, political, ethical, and cultural. Graduates of the Department of Justice Studies leave San José State University prepared to enter a range of careers and for advanced study in a variety of fields; they are prepared to more effectively identify and ameliorate injustice in their personal, professional and civic lives. Indeed, the impact of literacy is evident not only within the span of a specific course, semester, or academic program but also over the span of a lifetime.

## **Instructor**

Mary Juno earned her MSc in Forensic Science from the University of Strathclyde in Glasgow, Scotland, and her BA in Biological Anthropology from San Francisco State University. Juno worked for many years as a CSI at the Oakland Police Department where she processed hundreds of major crime scenes and taught in the Oakland Police Academy. She has conducted research at the NYPD Latent Fingerprint Lab, and currently teaches JS and FS courses, and advises FS majors and minors. Her office is 511 MacQuarrie Hall.

## FS 164 Crime Scene and Evidence Photography

**Tentative Course Schedule** (subject to change) ER = Robinson SS = Steven Staggs

Week	Date	Topics	Readings and Assignments
1	8/23	Introductions, Course Overview, History of Police Photography, Rules of Technical Photography	Read Intro, Ch 1 SS & Intro, Ch 1, 10, 11 ER Read your camera manual, get familiar with your camera's settings and functions
2	8/28 8/30	Canvas: Digital file types, camera modes Composition & Exposure	Read Ch 2 & 7 SS & Ch 2, 3, 4 ER
3	9/4 9/6	<b>Labor Day ~ No Class</b> Film Plane, Distortion & Angles, Focus, Depth of Field, Lenses	Project 1
4	9/11 9/13	Lab: Project 1 Project 1 Review, Quiz 1	Read Ch 5 ER
5	9/18 9/20	Canvas: Flash Photography Distance, Bounce, Fill, Back/Front/Side Lighting, Reflective Surfaces	<a href="http://www.crime-scene-investigator.net/nighttime.html">http://www.crime-scene-investigator.net/nighttime.html</a>
6	9/25 9/27	Lab: Project 2 Project 2 Review, Night Photography	Project 2
7	10/2 10/4	Lab: Project 3 Project 3 Review, Quiz 2	Read Ch 6 ER & Ch 3 SS Project 3
8	10/9 10/11	Canvas: Crime Scene Documentation Types of Crime Scene Photos, Capturing Elements of the Crime	Read Ch 8 SS
9	10/16 10/18	Lab: Project 4 Project 4 Review, Evidence & Scale Photography	Project 4
10	10/23 10/25	Lab: Project 5 Project 5 Review, Photographing Victims, Suspects Injuries, Quiz 3	Read Ch 4 SS Project 5
11	10/30 11/1	Lab Project 6 Project 6 Review, Crimes Against Property, Accidents, Vehicles as Crime Scenes	Read Ch 5 SS Project 6
12	11/6 11/8	Lab: Project 7 Project 7 Review, UV, IR, Fluorescence, Luminol Photography	Read Ch 6 SS & Ch 9 ER Project 7
13	11/13 11/15	Lab: Project 8 Project 8 Review, Photographing Evidence in the Lab	Read ER Ch 7 Project 8
14	11/20 11/22	Lab: Project 9 <b>Thanksgiving~ No Class</b>	Read Ch 9 SS Project 9
15	11/27 11/29	Legal Issues Related to Digital Images Manipulation of Images, Ethics, Admissibility, Court Testimony, Project 9 Review	Read Ch 12 ER
16	12/4 12/6	Lab: Project 10 (RE-DO) Project 10 Review	Project RE-DO Study for Final

<b>Week</b>	<b>Date</b>	<b>Topics</b>	<b>Readings and Assignments</b>
17	12/11	<b>In-class Final Exam</b>	
18		<b>Canvas Final Exam</b>	