

San José State University
Department of Justice Studies
FS 164, Crime Scene and Evidence Photography, Fall 2013

Instructor	Mary Juno
Instructor Email	mary.juno@sjsu.edu
Office Location	MacQuarrie Hall 511
Office Hours	Thursdays 1330-1500 Please sign up for an appointment on the clipboard outside my office
Course Website	Some course documents will be posted on Canvas https://sjsu.instructure.com/
Class Days/Times	Thursday 1800-1950 Friday 1200-1350
Classroom	Thursday: Sweeney Hall 346 Friday: MacQuarrie 520
Prerequisites	FS 11 or JS 10 Upper division standing

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 evidence and crime scene photography skills, through practical exercises. Demonstrate ability to solve special problems in photography by using appropriate equipment, technique, angle, or manipulation.

Texts and Materials

Required: Robinson, E. M. (2010). *Crime scene photography, 2/E*. Boston: Elsevier.
ISBN 9780123757289

Recommended: Jones, P. (2011). *Practical forensic digital imaging: Applications and techniques*. Boca Raton: CRC Press.
ISBN 9781420060126

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

This equipment can be rented or purchased. Recommended cameras:

Canon T2i, T3, T4 EOS Rebel series

Nikon D3000, 3100 or 3200

Pentax K-01, K-30

Sony SLT series

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

Other Readings

Journal articles and other readings will be accessible on reserve in the SJSU library or posted on the class website. Citations and URLs will be provided in assignments.

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 be asked to present each project in class. Details of format and grading will be provided with each exercise. (LO4)
2. Exams and Quizzes (30%): Periodic quizzes on reading and lectures, and final exam. (LO1, LO2, LO3)
3. Portfolio (20%): Students will turn in an organized binder (portfolio) at the end of the semester containing samples of their work. (LO1, LO2, LO3, LO4)
4. Homework (10%): Review questions and term sheets will be assigned periodically. (LO2)

Extra Credit Opportunities

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.) during the semester and supply proof of membership by the end of the term.

2. Tour a crime lab and write a 2-page, double-spaced synopsis of the experience.
Recommended: San Mateo County Sheriff's Crime Lab annual tour in late October.

Late Work and Make Ups

Late work will generally not be accepted, or may be given *half credit* in some instances. Time allotted to respond to discussion questions will not be extended. If you know ahead of time that you will be offline when an assignment is due, complete it early. Real life has deadlines and so does this class. Make-ups will generally not be given unless extraordinary, documented circumstances exist. Many exercises will be carried out in teams. These involve a lot of prep and set up and therefore cannot be made up (for any reason), so do not miss them.

If you are in any doubt about the requirements of an assignment, or due dates/times, please re-read the assignment and/or schedule. If your question is still unanswered, contact me for clarification. Generally, I don't answer questions that *I have already answered in writing* in the assignment guidelines, in a post, or on the schedule.

Students are responsible for reading and following the directions on every assignment. Assignments that do not adhere to the directions will not be accepted for credit, or may be handed back for revision and resubmission. Assignments resubmitted for this reason will be marked down 10% automatically.

Classroom Protocol

Attendance and class participation is expected. It is essential that you come to class prepared so please keep up with the reading, complete assignments on time, and participate in class discussions. Lack of adequate participation *will* result in pop quizzes, which *will* count toward your final grade.

Cell phone and laptop use is not permitted during class.

Grading Scale for All Assignments

A+	97-100	B+	87-89	C+	77-79	D+	67-69
A	94-96	B	84-86	C	74-76	D	64-66
A-	90-93	B-	80-83	C-	70-73	D-	60-63
						F	<60

Note: A grade of C or better is required for all Justice Studies and Forensic Science courses.

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 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 1st floor of Clark Hall and on the 2nd 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 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 located in MacQuarrie Hall, Room 533 (top floor) provides GE advising for undergraduate students majoring or interested in majoring in programs offered by CASA Departments and Schools. The Student Success Center provides also assistance with changing majors, answers to academic policy related questions, meetings with peer advisors and/or various regularly scheduled presentations and workshops. <http://www.sjsu.edu/casa/ssc/>

University Policies

Academic Integrity

Academic integrity is essential to the mission of San José State University. 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 demonstrate a lack of respect for oneself, one's fellow students and the course instructor. Violations also can ruin the university's reputation and devalue of the degrees it offers. We all share the obligation to maintain an environment that practices academic integrity.

The University's Academic Integrity Policy is available at http://www.sa.sjsu.edu/download/judicial_affairs/Academic_Integrity_Policy_S07-2.pdf. Your own commitment to learning, as evidenced by your enrollment at San Jose State University, requires you to be honest in all your academic course work. Faculty members are required to report all infractions to the office of Student Conduct and Ethical Development. The website for Student Conduct and Ethical Development is http://www.sa.sjsu.edu/judicial_affairs/index.html.

Instances of academic dishonesty will not be tolerated. Cheating on exams or plagiarism (presenting the work of another as your own, or the use of another person's ideas without giving proper credit) will result in a failing grade in the course and will be subject to sanctions by the University. For this class, all assignments are to be completed by the individual student unless otherwise specified. If you would like to include in your assignment any material you have submitted, or plan to submit for another class, please note that SJSU's Academic Policy F06-1 requires approval of instructors.

Dropping and Adding

Students are responsible for understanding the policies and procedures about add/drops, academic renewal, etc. Information on add/drops is available at <http://info.sjsu.edu/web-dbgen/narr/soc-fall/rec-298.html>. Information on late drops is available at <http://www.sjsu.edu/sac/advising/latedrops/policy/>. Students should be aware of the current deadlines and penalties for adding and dropping classes.

Important Dates This Semester

Tues 9/3: Last Day to Drop Without a W

Tues 9/10: Last Day to Add a Course, Last Day to Request CR/NC

Thurs 11/14: Last Day to Submit Late Drop/Withdrawal Request

Campus Policy in Compliance with the American Disabilities Act

The Disability Resource Center provides resources for students with disabilities. Resources include: Academic Accommodation, Academic Advising, Adaptive Technology Center, Alternative Media Center, Deaf & Hard of Hearing Program, Disabled Parking, Guidelines for Documentation of Disability, Educational Assistants, Learning Disabilities, and Priority Registration. Presidential Directive 97-03 requires that students with disabilities requesting accommodations must register with the DRC (Disability Resource Center) to establish a record of their disability. If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please see me during office hours. <http://www.drc.sjsu.edu/>

Administration Building 110

Phone: 408.924.6000 (Main Office) 408.924.6542 (Deaf and HoH) 408.808.2123 (ATC)

Hours: Mon - Thurs, 9:00am to 6:00pm; Friday 10:00 am to 4:00 pm

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 also teaches at Cabrillo College (*Police Report Writing and Forensic Investigations*) and City College San Francisco (*Criminal Identification and Physical Evidence*). At SJSU, Juno teaches JS 10, JS 100W, FS 11, FS 161, FS 162, FS 163 & FS 164. Her office is 511 MacQuarrie Hall.

FS 164 Crime Scene and Evidence Photography, Fall 2013

Tentative Course Schedule

CSP = *Crime Scene Photography* by Robinson

PFDI = *Practical Forensic Digital Imaging* by Jones

Week	Date	In-Class Topics	Readings and Assignments
1	8/22 8/23	Introductions, Course Overview, History of Police Photography	Read Intro, Ch 1 CSP Read Ch 3 PFDI Read your camera manual, get familiar with your camera's settings and functions
2	8/29 8/30	Introduction to the SLR Composition & Exposure	Read Ch 2-3 CSP Read Ch 4 PFDI
3	9/5 9/6	Film Plane, Distortion & Angles Focus, Depth of Field, Lenses	Read Ch 4 CSP Project 1
4	9/12 9/13	Project 1 Review Quiz 1	Read Ch 5 CSP Read Ch 5 PFDI
5	9/19 9/20	Flash Photography: Distance, Bounce, Fill Back/Front/Side Lighting, Reflective	Project 2 http://www.crime-scene- investigator.net/nighttime.html
6	9/26 9/27	Project 2 Review Nighttime Photography	Project 3 Painting with light, ambient light, tripod, cable release
7	10/3 10/4	Project 3 Review Quiz 2	Read Ch 6 CSP
8	10/10 10/11	Crime Scene Documentation, Types of Crime Scene Photos, Capturing Elements of the Crime	Project 4 Read Ch 10 PFDI
9	10/17 10/18	Project 4 Review Evidence Photography Scale Photography: Injuries, Blood, FP, Tool Marks, Footwear, Tire Tracks	Project 5 Read Ch 12,13, 20 PFDI
10	10/24 10/25	Project 5 Review Photographing Victims, Suspects and Injuries / Death Scenes	Project 6 Read Ch 19 PFDI
11	10/31 11/1	Project 6 Review Photographing Bullet Trajectories, Arsons	Read Ch 15 PFDI
12	11/7 11/8	Accidents, Vehicles as Crime Scenes	Project 7 Read Ch 22-23 PFDI Read Ch 6 CSP
13	11/14 11/15	Project 7 Review UV, IR, Fluorescence Photography Luminol, Inks, Fibers	Project 8 Read Ch 10 CSP
14	11/21	Project 8 Review	

Week	Date	In-Class Topics	Readings and Assignments
	11/22	Legal Issues Related to Digital Images	
15	11/28 11/29	No Class Meetings Happy Thanksgiving!	Read Ch 8-9 PFDI Assemble Portfolio
16	12/5 12/6	Manipulation of Images, Ethics, Admissibility of Photographs in Court, Presentation, Testimony Portfolio Due	Study for Final
Final Exam	TBA	Thurs 12/12 0945-1200 OR 1715-1930	Enjoy the holidays!