

San José State University
Department of Justice Studies
FS 164 Crime Scene and Evidence Photography
CRN 29336, Spring 2016

Instructor	Mary Juno
Office Location	MacQuarrie Hall 511
Instructor Email	mary.juno@sjsu.edu
Course Website	Course documents will be posted on Canvas https://sjsu.instructure.com/
Office Hours	Thursdays, 10:00ish-1:00ish pm
Class Days, Times, & Location	Thursdays, 8-10am, Hugh Gillis Hall 124 Fridays, 10-12pm, MacQuarrie Hall 523
Prerequisites	FS 11, JS OR FS MAJOR/MINOR, UPPER DIVISION STANDING. JS STUDENTS MAY SUBSTITUTE JS 10 FOR FS 11.
JS & FS Library Liaison	Silke Higgins silke.higgins@sjsu.edu

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

Recommended: 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, 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

Other Readings

Important Websites: <http://www.crime-scene-investigator.net/csi-photo.html>

<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 class. Details of format and grading will be provided with each exercise. (LO4)
2. Exams and Quizzes (40%): Periodic quizzes on reading and lectures, and final exam. (LO1, LO2, LO3)
3. Homework (10%): Review questions and term sheets will be assigned periodically. (LO2)
4. Portfolio (10%): One photo per project, printed out, assembled in notebook. Guidelines will be provided. (LO1-4)

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

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 criminal justice or forensic science professional organization *that is of interest to you* and supply proof of membership before the end of the semester.
2. Attend a lecture in the Forensic Science Seminar Series and write a two-page, double-spaced, typewritten paper that includes a synopsis of the talk and your reaction/response.
3. Tour a crime lab and write a two-page, double-spaced, typewritten paper that includes a synopsis of the tour and your reaction/response.

Late Work and Make Ups

Late work will generally not be accepted, or may be given half credit in some instances. Make-ups will generally not be possible unless extraordinary, documented circumstances exist. If you are in any doubt about the requirements of an assignment, or due dates/times, please re-read the directions of the assignment and/or schedule. If your question is still unanswered, contact me for clarification.

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. Students may not leave the classroom during an exam for any reason (those who do will be considered done 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 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

LARC

The Learning Assistance Resource Center, 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, or failure to cite correctly) will result in a failing grade on the assignment 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 <http://www.sjsu.edu/aars/> Information on late drops is available at <http://www.sjsu.edu/aars/policies/latedrops/policy/> Students should be aware of the current deadlines and penalties for adding and dropping classes.

Important Dates This Semester

<http://www.sjsu.edu/registrar/calendar/2162/>

Last Day to Drop Without a W: February 9

Last Day to Add a Course, Last Day to Request CR/NC: February 16

Last Day to Submit Late Drop/Withdrawal Request (petition required): April 26

Last day of instruction: May 13

Campus Policy in Compliance with the American Disabilities Act

The Accessible Education Center (. <http://www.aec.sjsu.edu/>) 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 AEC 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.

AEC: 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 teaches JS and FS courses, and advises FS majors and minors. Her office is 511 MacQuarrie Hall.

FS 164 Crime Scene and Evidence Photography, Spring 2016 Tentative Course Schedule

ER = Robinson SS = Steven Staggs

Week	Date	In-Class Topics	Readings and Assignments : Do Now for Following Week
1	1/28 & 1/29	Introductions, Course Overview, History of Police Photography Technical Photography	Read Intro, Ch 1 SS Read Intro, Ch 1, 10, 11 ER Read your camera manual, get familiar with your camera's settings and functions Log into FS 164 on Canvas Print out photo log, N, project card
2	2/4 & 2/5	Introduction to the SLR Composition & Exposure	Read Ch 2, 7 SS Read Ch 2, 3, 4 ER
3	2/11 & 2/12	Film Plane, Distortion & Angles Focus, Depth of Field, Lenses	Project 1
4	2/18 & 2/19	Project 1 Review Quiz 1	Read Ch 5 ER http://www.crime-scene-investigator.net/flashfill.html
5	2/25 & 2/26	Flash Photography: Distance, Bounce, Fill Back/Front/Side Lighting, Reflective	Project 2 http://www.crime-scene-investigator.net/nighttime.html
6	3/3 & 3/4	Project 2 Review Nighttime Photography	Project 3 Painting with light, ambient light, tripod, cable release
7	3/10 & 3/11	Project 3 Review Quiz 2	Read Ch 6 ER Read Ch 3 SS
8	3/17 & 3/18	Crime Scene Documentation, Types of Crime Scene Photos, Capturing Elements of the Crime	Read Ch 8 SS Project 4
9	3/24 & 3/25	Project 4 Review Evidence Photography & Scale Photography: Blood, FP, Tool Marks, Footwear, Tire Tracks	Project 5
10	3/31 & 4/1	Spring Break!	Read Ch 4 SS
11	4/7 & 4/8	Project 5 Review Photographing Victims, Suspects and Injuries / Death Scenes	Read Ch 5 SS Project 6
12	4/14 & 4/15	Project 6 Review Photographing Crimes Against Property	Read Ch 6 SS Read Ch 9 ER Project 7
13	4/21 & 4/22	Project 7 Review Accidents, Vehicles as Crime Scenes	Read ER Ch 7

Week	Date	In-Class Topics	Readings and Assignments : Do Now for Following Week
14	4/28 & 4/29	UV, IR, Fluorescence Photography Luminol, Inks, Fibers	Read Ch 9 SS Project 8
15	5/5 & 5/6	Project 8 Review Photographing Evidence in the Lab	Project 9 Read Ch 12 ER
16	5/12 & 5/13	Project 9 Review Legal Issues Related to Digital Images Manipulation of Images, Ethics, Admissibility of Photographs in Court, Presentation, Testimony Portfolio Due	Assemble Portfolio Study for Final
Final Exam	TBA		