

Course Outline

COURSE: JLE 166 **DIVISION:** 50 **ALSO LISTED AS:**

TERM EFFECTIVE: Spring 2022 **CURRICULUM APPROVAL DATE:** 04/12/2022

SHORT TITLE: CSI PHOTOGRAPHY

LONG TITLE: Crime Scene and Forensic Photography

<u>Units</u>	<u>Number of Weeks</u>	<u>Type</u>	<u>Contact Hours/Week</u>	<u>Total Contact Hours</u>
.5	18	Lecture:	.45	8.1
		Lab:	.91	16.38
		Other:	0	0
		Total:	1.36	24.48

COURSE DESCRIPTION:

This course provides the student with extensive knowledge and practical experience pertinent to crime scene and forensic photography of physical evidence, and latent prints found or developed on evidence. Equipment and procedures pertinent to crime scene and forensic photography and the detection and preservation of physical evidence will also be covered. Additional topics included in this course are: the proper selection of cameras, lenses, tripods, films, filters, specialized lighting techniques and high energy forensic lights. Prerequisite: JLE 100 Basic Police Academy.

PREREQUISITES:

Completion of JLE 100, as UG, with a grade of C or better.

COREQUISITES:

CREDIT STATUS: D - Credit - Degree Applicable

GRADING MODES

P - Pass/No Pass

REPEATABILITY: N - Course may not be repeated

SCHEDULE TYPES:

02 - Lecture and/or discussion

03 - Lecture/Laboratory

04 - Laboratory/Studio/Activity

STUDENT LEARNING OUTCOMES:

By the end of this course, a student should:

1. Demonstrate techniques for accurately photographing crime scenes, evidence, and witnesses.

COURSE OBJECTIVES:

By the end of this course, a student should:

1. Identify the general principles and concepts of photography, while also delving into the more practical elements and advanced concepts of forensic photography.

CONTENT, STUDENT PERFORMANCE OBJECTIVES, OUT-OF-CLASS ASSIGNMENTS

Curriculum Approval Date: 04/12/2022

LECTURE CONTENT:**I. General Crime Scene Photography (.5 hours)**

1. Photographs must be properly exposed

II. Legal Admissibility (1.5 hours)

1. The scene must be undisturbed to the extent reasonably possible
2. Photographs must be relevant to the matter under investigation
3. Photographs must not only appeal to the emotions or only have a tendency to prejudice the court or jury
4. Pictures truly illustrate original and uncontaminated features of scene
5. Introduced by photographer or person who observed crime scene

III. Major Crime Scene Photography (6 hours)

1. Discuss photography of the crime scene with the investigators
2. Photos of street signs leading up to the scene
3. 180 degree view from front and rear entrance
4. Overall and overlapping photos from each corner of every room
5. Photograph systematically using long, medium, and close-up shots
6. Individual photographs of evidence with and without scale and ID Tags
7. With available light and electronic flash
8. Photo scene with camera rotated VERTICALLY using normal lens
9. Do not cut negatives if using film

LAB CONTENT:

I. Photographic Coverage from 4 Major Vantage Points (1 hour)

1. Long range
2. Mid-range
3. Close-up
4. Examination Quality

II. Film Speed (.5 hour)

1. ISO (International Standards Organization)

III. Purpose of Crime Scene Photography (.5 hours)

1. Crime Scene recorded by:
2. Photo Logs (1 hour)
3. Take overview photographs
4. Record each item of evidence with and without scale
5. Show the scene exactly as you found it - do not reposition any evidence

IV. Evidence Photography (8 hours)

1. Latent prints
2. Shoeprint & Tire track impressions
3. Tool mark impressions
4. Blood stains and blood spatter
5. Weapons
6. Vehicles
7. Autopsies

V. Lighting Techniques (2 hours)

1. Available light - no electronic flash
2. Flash
3. Painting with light
4. Difficult lighting situations

VI. Recommended Photographic Equipment (3 hours)

1. SLR cameras with manufacturer's manual
2. Normal lens
3. Macro lens
4. Wide angle lens
5. Electronic flash
6. Remote sync cord for electronic flash
7. Locking shutter cable release
8. Tripod
9. Film - negative or digital memory cards
10. DVD or CD burner (battery operated)
11. Rulers / measuring scales (dark & light)
12. Identification tags
13. Lens cleaning supplies
14. Photo logs
15. Sketching pad
16. Filters
17. Gray card
18. Flashlight
19. Extra batteries

METHODS OF INSTRUCTION:

Lecture, discussion, demonstration, and hands-on practical applications/exercises. PowerPoint presentations, video instruction, reference material with essential cameras, and crime scene equipment.

OUT OF CLASS ASSIGNMENTS:

Required Outside Hours 10

Assignment Description

Practice camera skills, experience different ISO settings, lighting

Required Outside Hours 6

Assignment Description

Written Assignments: Photo logs

METHODS OF EVALUATION:

Skill demonstrations

Evaluation Percent 50

Evaluation Description

Students will be testing on mock crime scene photographs.

Objective examinations

Evaluation Percent 25

Evaluation Description

Written exam

Evaluation Percent 25

Evaluation Description

Written reports

REPRESENTATIVE TEXTBOOKS:

Crime Scene Photography , Edward M. Robinson , Academic Press, 2016.

ISBN: 9780128027646,

Rationale: This is the most current textbook available.

12 Grade Verified by: Doug Achterman

RECOMMENDED MATERIALS:

Student manual from Instructor.

ARTICULATION and CERTIFICATE INFORMATION

Associate Degree:

CSU GE:

IGETC:

CSU TRANSFER:

Transferable CSU, effective 201130

UC TRANSFER:

Not Transferable

SUPPLEMENTAL DATA:

Basic Skills: N

Classification: Y
Noncredit Category: Y
Cooperative Education:
Program Status: 2 Stand-alone
Special Class Status: N
CAN:
CAN Sequence:
CSU Crosswalk Course Department:
CSU Crosswalk Course Number:
Prior to College Level: Y
Non Credit Enhanced Funding: N
Funding Agency Code: Y
In-Service: N
Occupational Course: C
Maximum Hours:
Minimum Hours:
Course Control Number: CCC000525306
Sports/Physical Education Course: N
Taxonomy of Program: 210500