

### Course Outline

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

**TERM EFFECTIVE:** Spring 2017                      **CURRICULUM APPROVAL DATE:** 10/10/2016

**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. This is a pass/no pass course.

**PREREQUISITE:** JLE 100 - Basic Police Academy (Active) 1. Commission on Police Officer Standards and Training (POST) certified basic law enforcement academy diploma or equivalent as determined by the Dean of Academy Instruction. NOTE: Approval of equivalent training is not a guarantee state regulatory or licensing agencies will also grant equivalency. 2. Prior to beginning this course students must already be familiar with, and be able to demonstrate all of the skills listed below. These will not be taught in the course; rather, they will be the starting point for advanced officer training that builds upon them. These minimum knowledge and skill levels are regarding: Familiarity with Crime Scenes, Familiarity with Evidence Collection, Knowledge of Crime Scene Photography, Familiarity with the Legal Admissibility of Evidence, Familiarity with Photo Logs, Familiarity with Fingerprint Techniques

**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:

### Skill Demonstration:

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

Measure of assessment: Skill Demonstration

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

Curriculum Approval Date: 10/10/2016

### Lecture:

#### I. General Crime Scene Photography

1. Photographs must be properly exposed

#### II. Legal Admissibility

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

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

#### I. Photographic Coverage from 4 Major Vantage Points

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

#### II. Film Speed

1. ISO (International Standards Organization)

#### III. Purpose of Crime Scene Photography

1. Crime Scene recorded by:
2. Photo Logs
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

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
1. Available light - no electronic flash
  2. Flash
  3. Painting with light
  4. Difficult lighting situations
- VI. Recommended Photographic Equipment
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
  20. Black cloth

**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.

**METHODS OF EVALUATION:**

Writing assignments

Percent of total grade: 20.00 %

Percent range of total grade: 20 % to 25 % Written Homework

Problem-solving assignments

Percent of total grade: 25.00 %

Percent range of total grade: 25 % to 35 % Homework Problems; Field Work; Quizzes

Skill demonstrations

Percent of total grade: 50.00 %

Percent range of total grade: 50 % to 75 % Class Performance/s; Field Work

Objective examinations

Percent of total grade: 25.00 %

Percent range of total grade: 25 % to 30 % Multiple Choice; Other: photographs

**REPRESENTATIVE TEXTBOOKS:**

n/a

**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: JLE

CSU Crosswalk Course Number: 166

Prior to College Level: Y

Non Credit Enhanced Funding: N

Funding Agency Code: Y

In-Service: N

Occupational Course: C

Maximum Hours: .5

Minimum Hours: .5

Course Control Number: CCC000525306

Sports/Physical Education Course: N

Taxonomy of Program: 210500