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

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<th>Units</th>
<th>Number of Weeks</th>
<th>Type</th>
<th>Contact Hours/Week</th>
<th>Total Contact Hours</th>
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<td>Lecture</td>
<td>.45</td>
<td>8.1</td>
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<td>Lab</td>
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<td>Total</td>
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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

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