

**AJ 51B Course Outline as of Fall 2009****CATALOG INFORMATION**

Dept and Nbr: AJ 51B Title: ADVANCED CRIMNL INVEST  
 Full Title: Advanced Criminal Investigation  
 Last Reviewed: 11/7/2011

Units		Course Hours per Week		Nbr of Weeks	Course Hours Total	
Maximum	3.00	Lecture Scheduled	3.00	17.5	Lecture Scheduled	52.50
Minimum	3.00	Lab Scheduled	0	17.5	Lab Scheduled	0
		Contact DHR	0		Contact DHR	0
		Contact Total	3.00		Contact Total	52.50
		Non-contact DHR	0		Non-contact DHR	0

Total Out of Class Hours: 105.00

Total Student Learning Hours: 157.50

Title 5 Category: AA Degree Applicable

Grading: Grade Only

Repeatability: 00 - Two Repeats if Grade was D, F, NC, or NP

Also Listed As:

Formerly:

**Catalog Description:**

Advanced principles in major felony investigations with emphasis on physical evidence and forensic science application in preliminary and follow-up investigation and courtroom testimony.

**Prerequisites/Corequisites:**

Course Completion of AJ 57 ( or AJ 54B or AJ 51A)

**Recommended Preparation:**

Eligibility for ENGL 100 or ESL 100.

**Limits on Enrollment:****Schedule of Classes Information:**

Description: Advanced principles in major felony investigations with emphasis on physical evidence and forensic science application in preliminary and follow-up investigation and courtroom testimony. (Grade Only)

Prerequisites/Corequisites: Course Completion of AJ 57 ( or AJ 54B or AJ 51A)

Recommended: Eligibility for ENGL 100 or ESL 100.

Limits on Enrollment:

Transfer Credit: CSU;

Repeatability: Two Repeats if Grade was D, F, NC, or NP

## **ARTICULATION, MAJOR, and CERTIFICATION INFORMATION:**

<b>AS Degree:</b>	<b>Area</b>		Effective:	Inactive:	
<b>CSU GE:</b>	<b>Transfer Area</b>		Effective:	Inactive:	
<b>IGETC:</b>	<b>Transfer Area</b>		Effective:	Inactive:	
<b>CSU Transfer:</b>	Transferable	Effective:	Fall 1981	Inactive:	Summer 2012
<b>UC Transfer:</b>		Effective:		Inactive:	

**CID:**

**Certificate/Major Applicable:**

Certificate Applicable Course

## **COURSE CONTENT**

### **Outcomes and Objectives:**

Upon completion of the course, the student will be able to:

1. Demonstrate the proper techniques of identifying, collecting, and preserving physical evidence in major felony investigations.
2. Apply proper techniques for protecting a crime scene.
3. Recognize appropriate measures for packaging various types of evidence.
4. Employ the principles of a proper crime scene survey and search.
5. Analyze the nature and physical properties of various categories of evidence.
6. Examine the use of fingerprints, ballistics, trace, and DNA evidence.
7. Prepare an incident/crime report including a sketch and evidence report.
8. Identify proper procedures and responses for courtroom testimony.

### **Topics and Scope:**

1. Proper techniques of identifying, collecting and preserving physical evidence in major felony investigations.
  - A. Conduct survey
  - B. Document location of all evidence
  - C. Photograph all evidence prior to collection
  - D. Protect at-risk evidence
  - E. Collection, measuring, lighting equipment
2. Proper techniques for protecting a crime scene
  - A. Establish inner and outer perimeter
  - B. Assign personnel
  - C. Use of various types of physical barriers
  - D. Locating evidence
3. Appropriate measures for packaging various types of evidence
  - A. Proper equipment

- B. Types of container and packaging material
- C. Specialty kits
- 4. Crime scene survey and search
  - A. Initial survey
  - B. Search pattern
  - C. Contamination avoidance
  - D. Evidence identification
- 5. Nature and physical properties of various categories of evidence
  - A. Trace
  - B. Transfer
  - C. At-risk
- 6. Use of fingerprint, ballistics and DNA evidence
  - A. Identification of suspect/s and victim/s
  - B. Elimination of possible suspect/s
  - C. Identification of evidence
- 7. Incident/Crime report including a crime scene sketch and evidence reporting
  - A. Essential elements of a homicide investigative report
  - B. Importance and use of crime scene sketch
  - C. Evidence reporting
- 8. Proper procedures and responses for courtroom testimony
  - A. Preliminary considerations
  - B. Testimony preparation
  - C. Testifying
  - D. Cross-examination tactics
  - E. Follow-up investigations

**Assignment:**

1. Six written examinations
2. Performance tests in physical evidence (group exercises)
3. Class participation and attendance
4. Written outside assignments including investigative techniques research, investigative statute, and case law research (homework)
5. Final examination - crime scene practical
6. Notebook containing lecture notes and homework will be reviewed at semester end.

**Methods of Evaluation/Basis of Grade:**

**Writing:** Assessment tools that demonstrate writing skills and/or require students to select, organize and explain ideas in writing.

Written homework, Term notebook	Writing 10 - 20%
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**Problem Solving:** Assessment tools, other than exams, that demonstrate competence in computational or non-computational problem solving skills.

Homework problems	Problem solving 10 - 30%
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**Skill Demonstrations:** All skill-based and physical demonstrations used for assessment purposes including skill performance exams.

Class performances, Crime Scene Investigation

Skill Demonstrations  
20 - 40%

**Exams:** All forms of formal testing, other than skill performance exams.

Multiple choice, True/false, Matching items, Completion, Short essay

Exams  
20 - 35%

**Other:** Includes any assessment tools that do not logically fit into the above categories.

Attendance and participation

Other Category  
5 - 10%

**Representative Textbooks and Materials:**

Criminal Investigation (10th). Swanson, C., N. Chamelin, L. Territo, and R. Taylor. McGraw Hill: 2009