

SYLLABUS: Administration of Justice Summer 2019

Administration of Justice (104) Introduction to Forensic Science Section#14155

Location: Instructional Building room 2001

Instructor: Kelly William Enos

Class hours: Monday thru Thursday 10:30am to 1:00pm

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Office hours: Mondays 1:00pm to 1:35 my office #21

Administration of Justice program website: Handouts for the course including grading rubrics can be found on my faculty website page at www.lamission.edu/aj Go to AJ104 resource page.

DESCRIPTION:

The role of forensic science in Administration of Justice. Several different categories of evidence will be examined including fingerprints, impression evidence, firearms and blood stain pattern analysis.

Student Learning Outcomes: At the end of the course, students will be able to:

- 1. Employ scientific crime detection techniques for collecting and categorizing crime scene data.**
- 2. Draw scientific conclusions from the examination of physical evidence.**

TEXTBOOK: Forensic Science: An introduction to scientific and investigative techniques.

Author: James, Nordby and Bell 4th edition.

Attendance: Regular attendance is the only way to properly satisfy the course requirements. Attendance will be taken throughout the semester. More than 3 absences during the semester may result in a reduced grade or being dropped from the class. Students are expected to arrive for class on time. You are required to make up missing lectures/discussions/class notes by contacting another student in the class and getting his/her notes.

Electronic devices: All electronic devices **WILL** be turned off during class hours.

Cheating: Plagiarism, unauthorized material during an examination, changing answers after work has been graded, taking an exam for another student, forging or altering attendance sheets or other documents and copying other student's papers. In academic circles, this is a **SERIOUS** offense and will not be tolerated. Students caught cheating will be dealt with **harshly**. Refer to the college catalog.

Plagiarism: Plagiarism is defined as the act of using ideas, words, or work of another person or persons as if they were ones own, without giving proper credit to the original sources.

The following examples of plagiarism are intended to be representative, but not all-inclusive:

- Failing to give credit via proper citations for others' ideas and concepts, data and information, statements and phrases, and/or interpretations and conclusions
- Failing to use quotation marks when quoting directly from another, whether it be a paragraph, a sentence, or a part thereof
- Paraphrasing the expressions of thought by others without appropriate quotation marks or attribution
- Assembling parts from various works and submitting the synthesis or single paper as one's own creation

· Representing another's artistic/scholarly works, such as musical compositions, computer programs, photographs, paintings, drawings, sculptures, or similar works as one's own.

GRADING

Quiz one	20pts
Midterm exam	100pts
Quiz two	20pts
Final exam (cumulative)	100pts
Fingerprint exercise	50pts
Crime Scene Sketch	50pts
Blood Spatter exercise	50pts
Mock Crime Scene Project	100pts
Total points	490pts

100-90= A 89-80=B 79-70=C 69-60=D 59 or Below=F

*Note: There is a total of 490 points possible for this class. In order to calculate your grade, add up the total points you receive and divide that by 490. **No make up exams will be given.**

If you are a student with a disability and require classroom accommodations, please see me to discuss arrangements. The sooner I am aware that you are eligible for accommodations, the quicker I will be able to provide them. If you have not done so already, you may also wish to contact the DSP&S Office in Instruction Building 1018 (phone #818.364. 7732/TTD 818.364.7861) and bring a letter stating the accommodations that are needed.

Course Schedule

<u>Date</u>	<u>Topic</u>
Week 1 (June 10)	Introduction to course: The role of forensics (Chpts 1,2) Categories of Physical Evidence (Chpts 1,2) First responder/Crime Scene Investigator (Chpts 1,2) Specialized Personnel at the scene (Chpts 1,2) Processing the crime scene (Crime Scene Sketch exercise) (Chpt 3)
Week 2 (June 17)	Establishing identity (Fingerprinting exercise) (Chpt 13) Sketch exercise due (Monday) Trace evidence (Chpt 16)/Quiz one (covers chapters 1, 2, 3, 13 and lecture notes) Blood evidence/Firearms (Chpts 8, 14) Midterm exam review

Week 3 (June 24)	<p>Midterm Exam (Monday) (Fingerprinting exercise report due)</p> <p>Sexual assaults/Impression evidence (Chpt 15)</p> <p>Homicide Investigations (Chpts 5, 6, 7,)</p> <p>Arson and bomb investigations (Chpts 12)</p>
Week 4 (July 1)	<p>Quiz two (covers chpts 15, 5, 6, 7, 12 and lecture notes Tuesday, July 2) Drug investigations (Chpts 10, 11)</p> <p>Mock crime scene project</p> <p>Blood evidence exercise assignment due (Wednesday July 3) Final exam study guide posted Thursday July 4</p>
Week 5 (July 8)	<p>Mock crime scene project report due (Monday July 8)</p> <p>Burglary/Thefts</p> <p>Final exam review</p> <p>Final exam July 11 (Thursday). Final exam is cumulative, covering the entire course</p>

Required Assignments

1. Fingerprinting exercise

During class time, you are to examine a piece of evidence and attempt to lift a latent fingerprint using a fingerprint kit. After lifting the print, compare it to known patterns and indicate what fingerprint pattern it is. Fill in the latent print card and write a one-page report in Microsoft WORD on how you lifted the print, what pattern it is and any problems you had developing it. Attach the fingerprint card to your report and submit.

2. Crime scene sketch exercise

During class time, you are to sketch a fictional murder scene that occurred in a house. Using a pencil and stencil, draw the scene based on guidelines discussed in class. After completing the sketch, write a report in Microsoft WORD and answer the following questions: What is the value of a crime scene sketch? What is included in a sketch? Why were you asked to use fixed points in the drawing? Attach the sketch and report together and submit.

3. Mock Crime Scene exercise

For your final project, you will be using all of the skills learned over the semester to investigate and process a mock murder scene on campus. The crime scene will consist of a dead body and other physical evidence. Your assignment is to process the scene as if you are the investigator. Afterwards, you are to write a report which will include how

you processed the scene, any evidence found and analyzed, a crime scene sketch, and physical evidence log. Your report will be written in Microsoft WORD.

4. Blood Spatter exercise

You are to create a mixture of fake blood as described in the blood evidence lecture and handout. You are then required to conduct experiments on how blood reacts to different surfaces and angles. Specifically, you are to conduct the following experiments:

- Dropping drops of blood at 90 degree angles at various heights.
- Creating voids
- Low, Medium, and High velocity drops
- Examples of direction of travel
- Cast off stains

You are to document each experiment with photos and then write a report on how you conducted the experiments and what your findings were. Your report is required to be at least one page in length, single-spaced in Microsoft WORD. Photos need to be embedded into your report and attached.