

FORENSIC SCIENCE
FS-330, Section 2
Fall, 2003
Wilson T. Sullivan

This course, Forensic Science, is intended as an introduction to scientific methods of gathering and preserving forensic evidence. The student will learn the basic elements of the various forensic sciences and the duties of specific practitioners of those sciences. This will not be a “hands on” course, which will be addressed in the more advanced courses. This then will be a lecture and discussion overview that should prepare the student to understand the basic sufficiently to proceed to more advanced, participatory courses. A unique part of this course is that we will have the time to address some of the more obscure specialties, some of which are unrecognized by the general public.

The **objectives** of this course will enable the student to:

- Have an overview of forensic science.
- Understand the basic tasks or duties involved in specific areas.
- Recognize the interaction of the specialties and the necessity for team work.
- Be aware of safety considerations.
- Possess a reasonable understanding of what can and cannot be accomplished.

TEXT: Techniques of Crime Scene Investigation, by Barry A.J. Fisher, Sixth Edition, CRC Press, 2000

GRADES:

There will be three examinations, each worth 100 points, or a total of 300 points.

Material for these exams will come from both the text book and lecture material. It is imperative that students attend class.

GRADING SCALE:

90-100	A
80-89	B
70-79	C
60-69	D
59 and below	F

CONSULTATION:

I will be in my office Monday to Friday between classes, and students are welcome to stop by when they feel the need. I am also available at mutually arranged times if needed.

Due to the movement of offices, I do not have my E-mail address and telephone number at this time. As soon as I am informed of this information, it will be provided to all students.

<u>Date</u>	<u>Topic</u>	<u>Instructor</u>
Aug. 25	Introduction-Chapter 1	Sullivan
27	First officer at scene-Chapter 2	Sullivan
29	Crime scene investigator-Chapter 3	Sullivan
Sept. 03	Specialized Staff at scene-Chapter 4	Sullivan
05	Processing Crime Scene-Chapter 5	Sullivan
08	Plan of action, notes-Chapter 5	Sullivan
10	Photography-Chapter 5	Sullivan
12	Sketch/drawing/diagram-Chapter 5	Sullivan
15	Collection of evidence-Chapter 5	Sullivan
17	Review for first exam	Sullivan
19	Examination 1	Sullivan
22	Identity-Chapter 6	Sullivan
24	Fingerprints Introduction, Chapter 6	Sullivan
26	Inked Fingerprints, Chapter 6	Sullivan
29	Latent Fingerprints-Chapter 6	Sullivan
Oct. 01	Fingerprints-methodology, chemicals, Chapter 6	Sullivan
03	Handwriting/Odontology, Chapter 6	Sullivan
06	Trace evidence-Chapter 7	Sullivan
08	Trace Evidence-Chapter 7	Sullivan
10	Blood/Biological Evidence-Chapter 8	Sullivan
15	DNA/Biological evidence-Chapter 8	Dr. Goff
17	Impression Evidence-Chapter 9	Sullivan

	20	Shoes/Tires-Chapter 9	Sullivan
	22	Tool Marks-Chapter 9	Sullivan
	24	Firearms-Chapter 10	Sullivan
	27	Firearms-Chapter 10	Sullivan
	29	Review for Second Examination	
	31	Second Examination	
Nov.	03	Arson and explosives-Chapter 11	Sullivan
	05	Drugs-Chapter 12	Dr. Goff
	07	Clandestine Laboratory-Chapter 12	Sullivan
	10	Sexual Assault-Chapter 13	Sullivan
	12	Burglary-Chapter 14	Sullivan
	14	Vehicular Homicide-Chapter 15	Sullivan
	17	Homicide-Chapter 16	Sullivan
	19	Deceased Victim, scene and morgue	Sullivan
	21	Entomology and post mortem interval	Dr. Goff
	24	Outdoor scenes	Sullivan
	26	Indoor Scenes	Sullivan
Dec.	01	Evidence examination	Sullivan
	03	Presentation of case	Sullivan
	05	Review for final examination	Sullivan

Final examination will be per university schedule.