

# INTRODUCTION TO FORENSIC SCIENCE

## CJS K225 Spring 2012 Course Outline

Instructor: Daniel A. Tramontozzi

Phone – 203-694-6539  
Email - [dtram.ccu@snet.net](mailto:dtram.ccu@snet.net)

### **I. Course Description/Goals:**

Through open discussion, lecture and laboratory exercises, this course will introduce students to the basic methods and techniques used by forensic scientists. Emphasis will be placed on; 1.) Recognition of physical evidence, 2.) Documentation of physical evidence, 3.) Forensic examination of physical evidence, 4.) Interpretation of forensic analysis, and 5.) Computer Technology and Forensic Science.

### **II. Text (not required):**

CRIMINALISTICS: An Introduction to Forensic Science by Richard Saferstein

### **III. Course Outline:**

January 19	Introduction, class objective, course outline, DPS Division of Scientific Services, Lab Overview
January 26	Forensic Science, Crime Scene, and Physical Evidence (Chapters 1, 2, & 3), The Microscope (Chapter 7), Wood chipper case
February 2	<b>NO CLASS</b>
February 9	Physical properties: Glass & Soil (Chapter 4), Hairs, Fibers, and Paint (Chapter 8)
February 16	Lab 17 (hairs and fibers), Physical Match, Glass Pattern
February 23	Forensic Serology (Chapter 12), DNA (Chapter 13)
March 1	Arson/Explosives (Chapter 11)
March 8	Mid-term Examination
March 15	Fingerprints (Chapter 14)
March 22	<b>SPRING BREAK</b>
March 29	Fingerprint Lab
April 5	Document Examination (Chapter 16)
April 12	Firearms, Toolmarks, and Impressions (Chapter 15)
April 19	Reconstruction / CSI / HCL TV Video
April 26	Computer Crimes and Electronic Evidence
May 3	Papers Due / Presentations / Review for Final Exam
May 10	Final Examination

### **XIII. Evaluation Procedures**

Exams (2)	50% - 25% each
Paper	25%
Oral Presentation	10%
<u>Laboratory and Class Participation</u>	<u>15%</u>
	100%

The paper should be at between 8 and 14 pages long. Research for this paper must include sources in addition to class references.

The paper will be in APA style and will be written in Times New Roman 12 point type with standard margins. The paper will include a cover page that notes the title of the paper and all the relevant course and student information.

### **IX. Final Grade Scale**

A = 94 - 100	B- = 80 - 82	D+ = 67 - 69	W = Withdrawal
A- = 90 - 93	C+ = 77 - 79	D = 63 - 66	I = Incomplete
B+ = 87 - 89	C = 73 - 76	D- = 60 - 62	P / F = Pass / Fail
B = 83 - 86	C- = 70 - 72	F = 00 - 59	AU = Audit