SCIE 631 Syllabus  
Forensic science and Crime - Summer 2011

Tuesday, July 5
Lecture on Crime Scene Documentation – read online before first class  
Textbook Chapters 1 and 2  
Supplemental reading packet – Crime Scene Documentation  
Crime Scene Documentation Exercise  
Lab Handout on Crime Scene Documentation  
Moodle Document - “How to Keep a Good Notebook”

Lecture on Hair and Fiber Evidence  
Textbook Chapter 4  
Supplemental Reading packet – Hair and Fiber Evidence

Essay on Capital Punishment due

Thursday, July 7
Hair and Fiber Lab Exercise  
Lab Handout on Hair and Fiber

Lecture on Fingerprints  
Textbook Chapter 6  
Supplementary reading packet – Fingerprints  
In-class fingerprinting exercise  
Turn in Lab Notebook

1st Discussion Section – The Complexities of Capital Punishment

Tuesday, July 12
Fingerprints Lab exercise  
Lab Handout on Lifting and Documenting Fingerprints

Lecture on Ballistics and Firearms  
Textbook Chapter 8  
Supplemental reading packet – Firearms and Ballistics Evidence

Essay on Gun Control due

Thursday, July 14
Ballistics Lab Exercise  
Review Firearms website exercise  
Lab Handout on Bullets and Casings as Evidence

Lecture on Handwriting analysis and questioned documents  
Textbook Chapter 7  
Supplemental reading packet – Handwriting features and security inks  
In-class exercise on handwriting analysis

2nd Discussion Section – The Second Amendment in Today’s World
Tuesday, July 19
Analysis of Inks Lab
Lab Handout on Characterization of Colorants

Lecture on blood as evidence
Textbook Chapter 2 (section on Blood Spatter) Chapter 13 and Chapter 14
Supplemental reading packet – Blood and Body Fluids

Essay on mandatory DNA testing due

Thursday, July 21
Lab exercise on blood spatter and typing
Lab handout on Blood as evidence

Lecture on drugs of abuse
Textbook Chapter 11
Supplemental reading packet – Drugs

3rd Discussion Section – Should there be a mandatory DNA databank?

Tuesday, July 26
Lab exercise on drugs of abuse
Lab handout – OTC meds, Illegal Substances and Common Food Items

Lecture on toxicology
Textbook Chapter 12
Supplemental reading packet – Toxicology

Essay on legalization of marijuana due

Thursday, July 28

Lecture on Arson and Fire Science
Textbook Chapter 10

Lab - Final Crime Scenes

4th Discussion Section - Is the War on Drugs Worth Fighting?

Tuesday, August 2
Crime scene analysis

Thursday, August 4
Crime scene analysis
Crime scene reports