

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