

Forensic Science Disclaimer

Forensic science is the application of science to criminal and civil laws that are enforced by police agencies in a criminal justices system. The subject matter and content of this course will deal with legal and criminal issues. Sensitive matters may be addressed. Graphic pictures, guest speakers, and possible field trips may be used in the classroom as well.

By signing this, you and your child are aware of the nature of the course and the possibility of discussion of certain topics. If at any time your child or you should feel uncomfortable discussing or participating in an activity, please feel free to let me know. Alternative discussions and/or activities can be planned.

Your signature also indicates that you and your child have read and understand the syllabus for this course. Contained within the three-page syllabus are procedures, rules, and guidelines for the course. Expectations for projects and make up work are stated along with those for behavior, all of which are understood and agreed to.

This course requires open communication for all parties involved (parent/guardian, teacher, and student). If you have any questions, please feel free to email me at regina.davis@cpsb.org in order to set up a conference. Also, be sure to check my Blackboard site weekly to remain attuned to what is going on in the class.

Thank you,

Regina Davis

“I am aware of the content and nature of this course. I know that at any time I can discuss my discomfort with the content or activities with Mrs. Davis. I also agree to abide by (student) and hold my child accountable for (parent/guardian) the regulations set forth in the course syllabus.”

Student name (print)

Student signature

Date

Parent/Guardian name (print)

Parent/Guardian signature

Date

Grade Calculation

Regina M. Davis
LCB Academy of Learning

Six weeks grades will be calculated as follows:

$$\frac{\text{Points earned}}{\text{Points possible}} \times 100 = __\%$$

Bonus points will be added into the total number of points earned, not percentage points!



IMPORTANT INFO:

There will be investigations, assignments, and discussions that revolve around murder (and the analysis of it) as well as other sensitive topics.

Understand that this course is designed to address “the science behind the law and committed crimes”. In order to do this, I will be using multiple techniques to teach students how to examine and evaluate the many facets of a crime scene.

*Graphic pictures, guest speakers, and possible field trips may be used in the classroom.

“VERY” Tentative Course Outline

1. History and Development of Forensic Science
 - a. Organization of the Crime Laboratory
 - b. Services of the Crime Laboratory
2. The Crime Scene
 - a. Processing the Crime Scene
 - b. Legal Issues at the Crime Scene/ good lab techniques and safety
3. Physical Evidence
 - a. Types of Physical Evidence
 - b. Significance of Physical Evidence
4. Hairs, Fibers, and Paint
 - a. Morphology of Hair
 - b. Identification and Comparison of Hair
 - c. Types of Fibers
 - d. Comparison and Preservation of Fiber Evidence
 - e. Forensic Examination of Paint
5. Fingerprints
 - a. History of Fingerprints
 - b. Classification of Fingerprints
 - c. Methods of Detecting Fingerprints
 - d. Preservation of Developed Prints
6. Forensic Serology
 - a. The Nature of Blood
 - b. Forensic Characteristics of Bloodstains
 - c. Stain Patterns of Blood
 - d. Principles of Heredity
7. DNA
 - a. What is DNA?
 - b. DNA typing
 - c. Gel Electrophoresis
 - d. The Combined DNA Index System (CODIS)
 - e. The Collection and Preservation of Biological Evidence for DNA analysis
8. Drugs
 - a. Drug Identification
 - b. Toxicology
9. Handwriting Analysis
10. Death: Meaning, Manner, Mechanism, Cause, and Time