

## COURSE REQUIREMENTS

**CLASS:** Introduction to Forensic Science

**TEACHER:** Mrs. Henry

**TEXT:** *Forensic Science, an Introduction by Richard Saferstein*

1. Homework: Homework is due at the BEGINNING of class. It will be graded on the attempt made to complete it. Some homework will be collected and each item graded on a total point basis. No credit is given for work turned in late. Remember, this is a science class and MUCH work as well as individual research must be done by the student for preparation of the class not only in science but in critical thinking and solving the criminal cases studied or presented as labs.
2. Classroom Activities and Labs: Group activities must have equal participation of all group members. All laboratory assignments will be written as a lab report. Your teacher will give you examples of those types of reports later.
3. Projects: Projects and research papers are assigned at the beginning of the unit and have extended time for completion. Most projects are done alone or may have group effort. You will investigate several types of evidence and analyze the probative value of that evidence for solving the case. There will also be famous criminal cases to be studied and analyzed. Some TV CSI episodes will be shown to test your ability to analyze evidence and mistakes in the forensic procedures.
4. Quizzes: Quizzes are given at the end of a topic and may or may not be announced.
5. Tests: Tests are given at the end of a chapter or section and are announced at least two days in advance. These tests are multiple choice, completion and essays. They may cover multiple chapters on a specific topic. YOU need to read and study your notes and materials for the test.
6. Criminal Notebook or Journal on Famous Crimes: All handouts, your written notes on the chapters, study guides, experiments and diagrams should be neatly kept and up to date for study purposes. This body of work will be utilized throughout the year and for the final in May 2020.

## **Class Outline And Syllabus for Forensic Science**

**Laboratories**—There are several labs which are required to be completed for this course. They are designed to cover key themes or concepts in the forensic course. Some of them are:

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|----------------------------------|--|
| 1. The Law and History of Crimes | 7. Blood detection/ spatter evidence                   |
| 2. A Crime Scene and Evidence    | 8. DNA extraction and simulation                       |
| 3. Fingerprints                  | 9. Estimation of height and sex<br>in human remains    |
| 4. Hair Analysis                 | 10. Observations of types of glass<br>And its patterns |
| 5. Fabric observation            |  |

These labs will be completed up for a grade. With each of the laboratories, you are expected to use your textbook as a resource for which you will READ and detail for the class. BOTH the laboratory information and the pertinent chapter information will be covered within the chapter tests and quizzes.

**Classroom lectures and discussions**—This yearlong course is designed to cover the following topics which are essential themes in this course:

Introduction to Forensic Science

The Law

Types of evidence

The crime scene

Fingerprints

Hair

Fibers

Trace Evidence

Blood

DNA Analysis

Human remains

Glass

Drugs and Toxicology

Ballistics