

# Montclair High School

## Course Syllabus

**Department:** Science

**Course:** Forensic Science

**Level:** Academic, Honors by contract only

**Credits:** 2.5

### Course Description:

Forensic Science explores one of the fastest growing fields in the country. Forensics is utilized every day by the police, physicians, attorneys and various scientists. The students will learn by doing, analyzing and interacting. They will use a variety of texts, journals and internet sites.

### Standards:

HS-LS3-1, HS-LS1-1, WHST912.2, RST9-10.3

### Anchor Text(s):

Text Title	Publisher/Author	Year/Edition	ISBN	Text Distribution
Forensic Science	Cengage Learning	2012	780538494038	Class Set
Criminalistics	Pearson/Richard Saferstein	2011	9780135045206	Class Set

### Supplementary Materials:

Videos, lab materials, journal articles, internet sites

### Units of Study:

- History of Forensics
- Evidence – Types, collecting, protocol
- Crime Scene
- Fingerprints
- Hairs and fibers
- Ballistics
- Toxicology
- Death and decomposition
- DNA
- Blood and blood analysis

### Proficiencies:

By the end of this course, students will:

- Explain the relationship between forensics and other sciences
- Demonstrate mastery of lab techniques
- Explain DNA and its role in forensics
- Describe types of evidence and how it is collected
- Describe methods used to determine time of death
- Identify career paths related to forensics

**Evaluation & Assessment:**

Homework	10%
Labs	10%
Classwork	25%
Tests/Quizzes	25%

- Each marking period will count as 45% of the semester grade and the final exam will be 10%
- It is the responsibility of the student to obtain make-up work, notes and test. Late work is **NOT** accepted.
- Prior to beginning any lab activities, all students must have submitted a Safety Contract which has been duly signed by both the student and their parent/guardian. This contract will be kept on file by the teacher for the duration of the course.