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):

<table>
<thead>
<tr>
<th>Text Title</th>
<th>Publisher/Author</th>
<th>Year/Edition</th>
<th>ISBN</th>
<th>Text Distribution</th>
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<tbody>
<tr>
<td>Forensic Science</td>
<td>Cengage Learning</td>
<td>2012</td>
<td>780538494038</td>
<td>Class Set</td>
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<tr>
<td>Criminalistics</td>
<td>Pearson/RichardSaferstein</td>
<td>2011</td>
<td>9780135045206</td>
<td>Class Set</td>
</tr>
</tbody>
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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.