

**COURSE TITLE:** Forensics CP

Level of Difficulty	Estimated Homework	Prerequisites
Moderate	30-60 minutes	<b>District:</b> C or better in Biology CP/H C or better in Algebra 1 Chemistry CP/D Recommended <b>Department Suggestion:</b> C or better in Biology CP/H C or better in Algebra 1 Chemistry CP/D Recommended

**Course Description:**

Students taking forensic science will explore many science disciplines as each are used to support the legal system. In this class, students will apply concepts of biology, organic and inorganic chemistry, physics, genetics, and anthropology as they explore:

- forensic disciplines of crime scene documentation
- toxicology
- tool marks and impressions
- autopsy and entomology
- bone analysis
- serology
- DNA analysis
- criminal psychology
- fingerprinting
- document analysis

Students will learn to observe, collect, analyze, and evaluate evidence associated with criminal cases. Through scientific reasoning and critical thinking, students will evaluate the use of scientific principles as they apply to criminalistics and other life situations.

Students will explore instrumentation commonly used in laboratories to solve crimes, replicate and compare DNA, and identify unknown chemical compounds. Throughout the course, students will assess how scientific methods have evolved and interpret their impact on the reliability of forensic evidence.

**Grading:**

The grading system is based on weighted percentages. Each assignment will have a point value within the weighted category. Assessments and labs are weighted more heavily than homework. Individual teachers may make modifications on the weighted percentages. There will also be a cumulative semester final exam at the end of each term.

**Syllabus:**

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**Supplemental Information:**

Homework Estimate: This is a general guideline for planning and scheduling purposes. A student's ability level may affect actual preparation time needed.

**Hybrid Course Period 7:** Period 7 Forensics will teach the same topics and concepts as the in-person course. However, the course will follow a more asynchronous/independent study hybrid model. There will be set days/times that the class will meet in person for exams and specific labs.