

Forensic Science Syllabus

Course Description/Goals:

Forensic Science is a course that introduces students to the application of science to connect a violation of law to a specific criminal, criminal act, or behavior and victim. Students will learn terminology and procedures related to the search and examination of physical evidence in criminal cases as they are performed in a typical crime laboratory. Using scientific methods, students will collect and analyze evidence such as fingerprints, bodily fluids, hairs, fibers, paint, glass, and cartridge cases. Students will also learn the history and the legal aspects as they relate to each discipline of forensic science. This course satisfies a high school science graduation requirement and will be included in the calculation of the weighted GPA.

Course TEKS/Objectives:

<https://sboe.texas.gov/state-board-of-education/sboe-2021/sboe-2021-november/cofb3-chap127-subm-attach4.pdf>

Course Outline:

Semester 1	Semester 2
- Law & History -Physical Evidence & Crime Scene -Trace Evidence - Fingerprints, Toolmarks & Impressions -Questions Documents & Digital Forensics -Ballistics, Arson, & Explosives	-DNA Analysis -Serology & Blood Spatter -Drugs & Toxicology -Psychology -Drugs and Entomology -Anatomy & Anthropology