

## CFISD Forensic Science

### Scope and Sequence

**Course Description:**

In Forensic Science, students will learn terminology and investigative procedures related to crime scenes, questioning, interviewing, criminal behavior characteristics, truth detection, and scientific procedures used to solve crimes. Using scientific methods, students will collect and analyze evidence through case studies and simulated crime scenes such as fingerprint analysis. Students will learn the history, legal aspects, and career options for forensic science. This course is the recommended science course for the Public Services endorsement

- Grades 11-12 • Required prerequisite: Biology and Chemistry
- Recommended prerequisites: Medical Terminology and Principles of Health Science. Advanced Animal Science K 1

**TEKS:** [Forensic Science](#)

**Cluster:** Law, Public Safety, Corrections and Security

**Endorsement:** Public Service

- Meets advanced course requirement (Y/N):
- Meets foundation requirement for math, science, fine arts, English (Y/N-area):

**Industry Certification/Credentials:** N/A

Instructional Units	Estimated Days
1 <sup>st</sup> Semester Unit 1: Crime Scene Analysis Unit 2: Evidence Collection Unit 3: Trace Evidence: Hair and Fibers Unit 4: Impressions: Footprints, Tire Treads, Bite & Tool Marks Unit 5: Trace Evidence: Paint, Soil and Grass Unit 6: Fingerprinting	1 <sup>st</sup> Grading Period  2 <sup>nd</sup> Grading Period
2 <sup>nd</sup> Semester Unit 7: Serology and Blood Spattering Unit 8: DNA Unit 9: Toxicology and Controlled Substances Unit 10: Ballistics Unit 11: Glass Analysis Unit 12: Time of Death: Entomology Unit 13: Forensic Anthropology Unit 14: Question Documents Unit 15: CSI Project	3 <sup>rd</sup> Grading Period  4 <sup>th</sup> Grading Period

**Primary Instructional Materials (used districtwide):**

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**Supplemental Instructional Materials (optional districtwide, but individual campuses should be consistent in use):**