

CFISD Forensic Science K

Scope and Sequence

Endorsement: n/a

Cluster: n/a

Meets advanced course requirement? NO

Program of Study:none (elective only)

Meets foundation requirement for math, science, fine arts, English, LOTE? YES

Course Description:

Students will learn terminology and investigative procedures related to crime scene, 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 fingerprints analysis, ballistics, and blood spatter analysis. Students will learn the history, legal aspects, and career options for forensic science. Students, for at least 40% of instructional time, conduct descriptive, comparative, and experimental investigations using safe, environmentally appropriate and ethical practices.

TEKS link

- 1 credit
- Grades 11-12
- Lab supplies or fee may be required
- Required prerequisites: Biology and Chemistry
- Recommended prerequisites: Medical Terminology and Principles of Health Science

Industry Certification/Credential: n/a

TEA recognized IBC (to count toward program of study completion)? NO

Instructional Units	Grading Period
Unit 1 - Safety & History Unit 2 - Crime Scene Analysis Unit 3 - Evidence Collection Unit 4 - Trace Evidence Unit 5 - Impressions Unit 6 - Fingerprinting Unit 7 - Questioned Documents	N1/N2 (fall)
Unit 8 - Ballistics Unit 9 - Glass Evidence Unit 10 - Toxicology & Controlled Substances Unit 11 - Serology Unit 12 - DNA Unit 13 - TOD & Entomology Unit 14 - Forensic Anthropology Unit 15 - CSI Project	N3/N4 (spring)

Primary Instructional Materials:Forensic Science Fundamentals & Investigations, Cengage, ISBN 978-0-357-92696-3