Forensic Science Course Academic Calendar

2021-2022

Jennings Senior High School

Instructor: Marty Warren Room: S118 and Lab



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| Weeks | 1st Semester Units | Weeks | 2nd Semester Units |
| August 23 to  September 3 | Introduction   * Forensic Science History * Frye and Daubert * Forensic Labs * Forensic Experts * Forensic Careers | January 4 to January 24 | Toxicology—Drugs, Poisons and Alcohol   * Presumptive and confirmatory tests * Techniques, procedures, and instrumentation of a toxicology lab |
| September 7 to September 24 | Crime Scene   * Working a Crime Scene * Types of Evidence * Evidence collection and chain of custody * Warrants, rights and amendments | January 25 to  Feb 22 | DNA   * Structure * Typing--PCR, STR, mtDNA, y-chromosomal * CODIS |
| September 27 to October 8 | Trace or Physical Evidence   * Hair--structure, microscopic examination, human vs animal * Fiber--source and differences * Glass--refractive index, density, fracture patterns | Feb 23 to March 17 | Blood Evidence   * Blood detection * Blood pattern analysis |
| October 11 to October 29 | Fingerprints and Biometrics   * History * Types of prints * Minutia * Lifting techniques * NGI | March  28 to April 14 | Anthropology and Odontology   * Identification of major bones * Determination of age, height, sex, and race   Forensic Art (optional)  Facial Reconstruction |
| November  1 to November 23 | Pathology   * Anatomy * Autopsy—Manner, cause, and mechanism of death * Time of Death * Coroner vs Medical Examiner | April 19 to May 6 | Entomology (optional)   * Human decomposition * Insect activity and PMI |
| November 29 to Dec13 | Criminology (optional)   * Profiling * Victimology | May 9 to May 20 | Questioned Documents and  Digital Forensics (optional) |
| Dec 14 to 17 | First Semester Final Exam | May 23 to 25 | SLU Common Final Exam |