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
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| 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 toFeb 22 | DNA* Structure
* Typing--PCR, STR, mtDNA, y-chromosomal
* CODIS
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| 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
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| 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 |
| November1 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
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| November 29 to Dec13 | Criminology (optional)* Profiling
* Victimology
 | May 9 to May 20 | Questioned Documents andDigital Forensics (optional) |
| Dec 14 to 17 | First Semester Final Exam | May 23 to 25 | SLU Common Final Exam |