

# Forensic Science Syllabus 2023-2024

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## Required Materials:

- Fully-charged Chromebook
- Notebook with dividers
- Pens/pencils

## Course Calendar (\*subject to change!)

Unit	Topics
Introduction to Forensics	Define Forensic science, practice observation skills, logic & reasoning, and crime scene processing
Cause of death	Meaning, manner, mechanism, cause, and time
Evidence Unit	Class vs. individual evidence, probability
Prints and Impressions	Fingerprinting (lift, develop, and identify) shoe prints, tire tracks, bite marks, and lip prints
Forensic Anthropology	Analyze bone evidence
Document Analysis	Determine origin of documents, identify forgery, handwriting analysis
Hair and Fiber	Microscope identification
Blood Evidence	Typing and spatter analysis
Entomology	Use insect evidence to determine time of death
Ballistics & Tool Marks	Firearm identification, bullet identification, bullet trajectories, and tool mark impressions
Glass	Density, composition, and fracture analysis
DNA	DNA structure & fingerprinting
Final Project	Students will apply skills learned throughout the year in a comprehensive project

## Grading Policy Description

- Mastery assignments 70% of grade - Tests, Quizzes, and major projects or major labs
- Classwork assignments 30% of grade – Labs, homework, small activities, warm ups

## Absences and Late Work

- You will be required to make up any work from being absent. You may need to come in after school at times to make up lab work or do a test or quiz retake.
- Please access The Week Ahead on Schoology to plan appropriately.
- Many of your materials will be available on Schoology so you can access them outside of class if needed.
- Assignments that are late cannot receive full credit. An assignment that is a week or less late will receive a maximum of 80% credit. An assignment that is over two weeks late will only receive a maximum of 50% credit.

## Letter Grade Description & Percentage Breakdown

Grade Percentage	Letter Grade	Description
100% - 90%	<b>A</b>	Exceptional mastery
89% - 80%	<b>B</b>	Above average proficiency
79% - 70%	<b>C</b>	Proficient
69% - 60%	<b>D</b>	Almost proficient
59% - 40%	<b>F</b>	Not proficient or complete
0%	<b>F</b>	Assignment is missing

# Raider Expectations



*All Raiders are....*

- **P**repared and Punctual
  - Raiders come to class on time and with all required materials
- **O**rganized
  - Raiders keep their science materials in the science section of their binder.
  - Raiders will write down the daily agenda and important dates in their planner.
- **W**riters
  - Raiders write and put forth their best authentic work daily.
  - Raiders do not plagiarize and copy. Copied work will not receive credit for all parties involved.
- **E**ngaged
  - Raiders are focused in class 100% of the time.
  - Raiders put away all electronics and other distracting items during class time.
- **R**espectful
  - Raiders respect each other as well as the space and property they occupy
  - Raiders are always respectful and safe during laboratory work.
  - Raiders will respect the room by helping to keep it clean. No food or open drink during labwork.