

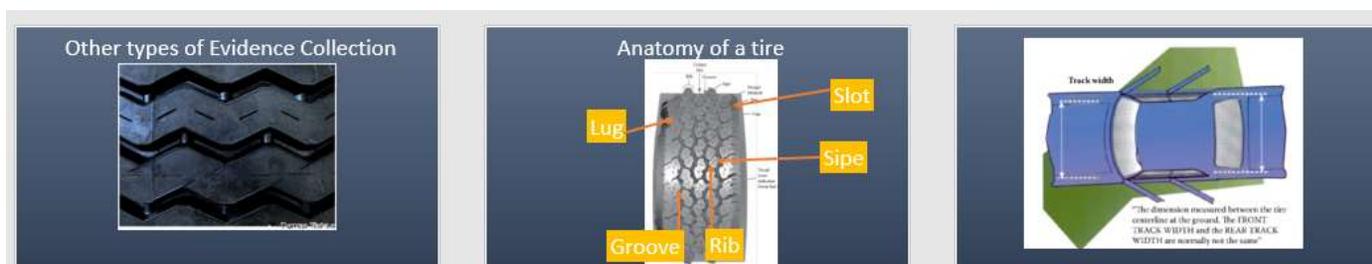
National CSI Class 2nd day Curriculum



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● Tire Track Mold and Identification (0900am-1030am)

Students will be re-introduced how to identify the anatomy of the tire by looking at that tire, identify its components. Students will then role several tires and create a 'track' onto paper. They will compare those tracks with an existing mold impression of a track to discern which track matches the impression.

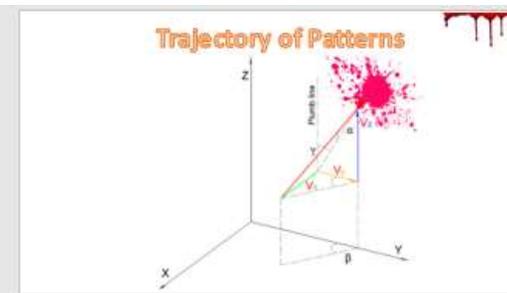
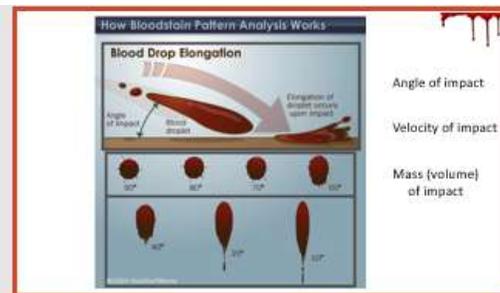
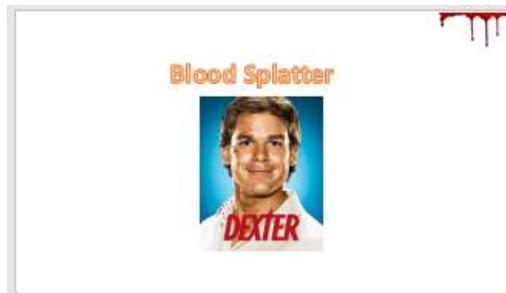
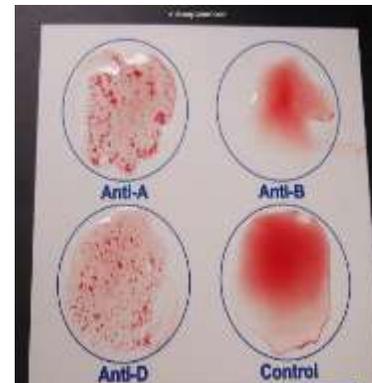


● Blood splatter Analysis: (1030am-1230pm)

This is the third block of instruction covers the both blood typing and splatter. Students will use blood typing kits and compare the results of the amino assay tests to the mock blood sample analyze mock blood sample of the suspect. They will also analyze droplets left at a crime scene and determine the angle at which the droplet(s) hit the floor, track the source of the blood and direction of travel of the assailant that left behind the blood evidence (egg). Students will also learn how to use luminol at a crime scene that there does not seem to be any evidence left behind.

HOW TO READ YOUR RESULTS

BLOOD TYPE	ANTI-A	ANTI-B	ANTI-D	CONTROL
O-POSITIVE	●	●	●	●
O-NEGATIVE	●	●	●	●
A-POSITIVE	●	●	●	●
A-NEGATIVE	●	●	●	●
B-POSITIVE	●	●	●	●
B-NEGATIVE	●	●	●	●
AB-POSITIVE	●	●	●	●
AB-NEGATIVE	●	●	●	●
INVALID	●	●	●	●



- Lunch (1230pm-130pm)

Students are asked to bring their own lunches. This is a working lunch as the student will identify bite mark impression left behind at the crime scene and compare them against teeth impression molds that have been obtained from the mock suspects. The students will use measurement from the bite impression and compare the measurements of the suspect's molds.

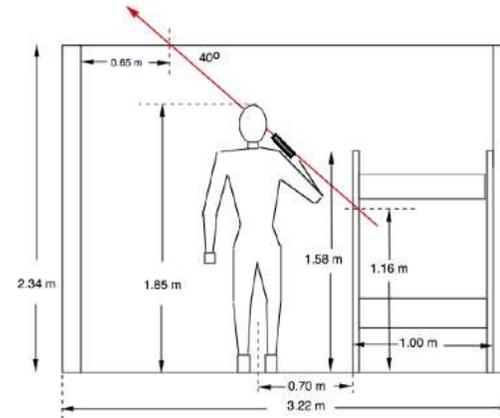
The second station during lunch will be the analysis and comparison of tool marks and impressions left at a crime scene to a miraid of tools that could have potentially left some of those original marks.



- Review Lunch Practical (130pm-200pm)

● Trajectory Analysis: (2pm-3pm)

This is the second block of instruction includes apply the mathematical formulas for trajectory analysis. The students are given a block of plastic with a simulated bullet hole in it. They will use sin/cos functions to determine the angle of the hole. From those results, the students will trace back, using basic trajectory, where the source of the bullet and how far the simulated shooter was standing.



● Fingerprint lifting (3pm-4pm)

Each student will also lift a latent fingerprint from a surface of something left behind at the crime scene. They will then compare it to several suspect's fingerprints on file, and determine the match of the print. Students will also

