



Phone: 713-688-1361

Website: www.houstonisd.org/waltrip

Forensic Science SYLLABUS

Instructor: Mr. C. Randolph

Room 3114

Conference hour: 4th & 5th period

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Welcome!

I am very excited to explore the Forensic Science Cases and Field with you.

Course description:

This course teaches science related with crime, and applies many disciplines of science such as biology, mathematics, chemistry, physics, earth science... to solving crimes. Through a variety of lessons and projects, students will learn about forensic careers, crime scene investigation, lab technologies and experiments, as well as reasoning processes that permeate the field of science: induction, deduction, experimental design, concept formation, hypothesis testing, and so on.

Cases Source: Mainly – Forensic Files Crimes and other online sources, including The Innocence Project, Outside Material and Online Information will be routinely Referenced

GRADING POLICY

- 1) Grades are based on daily work, quizzes, tests and performance-based assessment

Tests, Projects	25.0 %
Quizzes	25.0 %
Classwork-Homework	25.0 %
Daily participation	25.0 %
- 2) Class work includes assignments, reflections: analyzes & conclusions, and any tasks performed in the classroom.
- 3) Daily work submitted within the deadline will receive a maximum of 100%, late work will decrease- (based on teacher discretion) the grade by 10 points per day late, max. 4 days. 5 or more days is a zero.
- 4) Common assessment is a test given to all Forensic Science students of the school. The test is given at least 2 times every cycle (6 weeks).
- 5) Make-up tests and work are given during tutorials time. Student will have a reasonable opportunity to make up or redo a class assignment or exam for which he or she received a failing grade.

6) HOMEWORK

When homework is assigned, the student is expected to have the work completed upon entering the class the next meeting day.

CLASS RULES

Be on time and participate in the class

Be prepared (Laptop, pencil, pen, notebook, e-Textbook daily).

All students will be silent and respectful while other students read aloud

Respect the Adult in charge, yourself and your Peers.

MATERIALS

Pen

Pencil

Writing paper

Metric ruler

Composition Notebook

All work is required to have a proper heading

Plagiarism, Cheating, and Academic Integrity

Work in groups is encouraged. Avoid plagiarism and cheating. This is a great year with a lot of challenges, and we will conclude it with success.

Parent Signature

Student name

Date

Fire Alarm/Fire Drill:

At the sound of a fire alarm, students should quickly walk out of the classroom in a single-file line. We will take the back stairs down to our destination. You should quickly respond while I am checking the roster and calling your name.

During the entire year, we will cover:

1. Observation skills
2. Crime-Scene investigation and Evidence Collection
3. Hair Analysis
4. A study of Fibers and Textiles

5. Fingerprints
6. DNA Profiling
7. Blood and Blood Spatter
8. Forensic Toxicology
9. Handwriting Analysis, Forgery, and Counterfeiting
10. Forensic Entomology
11. Death: Meaning, Manner, Mechanism, Cause, and Time
12. Forensic Anthropology
13. Casts and Impressions
14. Firearm and Ballistics

Note: This syllabus may change due to unforeseen circumstances.