

TIMBER CREEK REGIONAL HIGH SCHOOL

SCIENCE

Forensic Science

COURSE OUTLINE

INSTRUCTOR: Mr. Sokolic, MS, Ed., Room F-101

TEXT: *Forensic Science for High School, 2nd Edition.* Kendall/Hunt.2009.

CREDITS: 5.0

PREREQUISITES: Physics First, Lab Chemistry (may be taken concurrently)

COURSE DESCRIPTION:

Forensic Science focuses on problem solving, conducting experiments, and drawing conclusions based on evidence with an emphasis on forensic methodologies. Scientists need to be able to communicate results and conclusions in a team of 3 to 4 students. This is a laboratory-based course involving analysis examinations of crime scenes, fingerprints, hair, fibers, DNA, toxins, bones, and blood spatter. This course is composed of lecture, inquiry-based labs and activities, local guest speakers, and case study analysis. This vast course will introduce numerous basic techniques needed to solve the case.

ATTENDANCE:

All students are **expected** to attend all classes. Student participation in class is an integral part of this course, and chronic absence from class is likely to result in a decrease in the students' level of achievement. It is the student's responsibility to see the teacher for any missed work due to an absence! Information will be uploaded onto the Google Classroom for your convenience as well.

EXAMINATIONS:

Examinations are scheduled for each quarter. These examinations are administered according to the tenets of the Honor Code. Students may not have anything on their desk during an examination except for a **pencil or pen, Chromebook (if digital), test paper and the answer sheet.**

Make-up examinations must be made up within ten (10) school days of the missed examination*. All make-ups will take place after school or during Charger Time. If the examination is not made up, a grade of zero (0) will be given to the student.

Students will be able to reassess one exam per making period. Teacher will discuss this with the individual student(s).*

NOTEBOOKS & CHROMEBOOKS:

All students must have their 3-ring binder and Chromebook (fully charged) for class. Both will be utilized in class

BEHAVIOR:

Students will respect themselves, fellow classmates and the teacher. If a student disrupts the learning environment, then he/she will be given a teacher's referral to the vice principal. Further actions may be taken if the student's behavior does not improve.

PREPARATION:

All students are expected to be prepared for class. Fully charged Chromebook, binder, pen or pencil and a positive attitude.

CELLPHONES:

Expectations are that all cellphones and listening apparatuses will be put away at the beginning of class. **Cellphones will be placed in the cellphone pocket holder (students will be assigned a pocket number).** The class will be given a warning prior to class starting. If the teacher sees a student with a phone and/or earbuds out, the student(s) will receive a vice principal referral.

AI POLICY:

When using AI for assignments, you must demonstrate your learning process by explaining how the tool helped you think through problems, generate ideas, or refine your work. The goal is not to have AI complete tasks for you, but to use it as a thinking partner that helps you develop deeper understanding and stronger skills. All AI assistance must be documented and cited, and you should be prepared to discuss and defend any work you submit.

COURSE OUTLINE:

- I. LEGAL (MP1)
- II. EVIDENCE (MP1)
- III. CRIME SCENE (MP1 and MP2)
- IV. FINGERPRINTS (MP2)
- V. HAIR (MP2)
- VI. FIBERS (MP2)
- VII. TOXICOLOGY (MP3)
- VIII. SEROLOGY (MP3)
- IX. DNA (MP3)
- X. ANTHROPOLOGY (MP4)
- XI. BALLISTICS (MP4)
- XII. PROFILING (MP4)

GRADING:

Examinations/Major Projects	40%
Quizzes	15%
Labs*	30%
Homework/Classwork*	15%

*Late work may be turned in up to a week late for partial credit

AFTER SCHOOL and CHARGER TIME HELP:

After school help is available Tuesday through Thursday (Monday and Friday if need be) and during Charger Time, days to be determined
Students must access their school Gmail account for all communications.

*Monday and Friday must be prearranged.

***BHP Science Department Reassessment Policy**

In order for students to work towards mastery of each learning standard in science and improve student performance and retention, the BHP Science Department has adopted the following reassessment policy:

- Students may take each individual test once
- Once the original test is handed back, the student has 2 weeks from that date to complete the reassessment
- Students must submit the reassessment action plan within a week of the original test being handed back
- The reassessment score will replace the original score. Completing a reassessment does not guarantee an automatic increase in your score
- All homework and classwork must be completed in order for a student to reassess
- Reassessment is not an option for any student that violated the academic dishonesty policy on the original assessment
- The reassessment will cover the same standards as the original assessment but not the same as the original test
- Reassessments are done by appointment and must be completed during common time unless another time is acceptable to the teacher.
- If you miss your appointment to reassess, you forfeit your opportunity for reassessment for that test
- No reassessments are allowed during the final week of a marking period
- If the action plan is not completed by the reassessment date, the student does not get to reassess

***Reassessment Action Plan**

Name _____

Date _____ Period _____

Request to reassess

Unit (concepts) to reassess _____

I request the opportunity to reassess this concept. I promise that I have worked hard to improve my understanding.

Schedule date for reassessment

Signed _____

Reflection

Previous score on assessment _____

What did I do to prepare for the original assessment:

Action Plan: List and complete 2-4 activities that will improve your understanding on the tested content.

Activity	Evidence of Completion

Sample Activities	Possible Evidence of Completing
Make Flash Cards	Completed Flash Cards
Create practice assessment	Completed practice assessment with answer key
Tutoring	If not teacher, signed note documenting tutoring time
Complete internet activities provided by your teacher	Screenshots showing completion
Design a review game	Completed game
Create a graphic organizer	Completed graphic organizer