

## FORENSICS 2010-2011

Ms. Ozar

Room 230

---

### COURSE OUTLINE

This course is designed to challenge students with topics such as fingerprinting, DNA analysis, blood typing and spattering, trajectories (for ballistics as well as blood spattering) comparative anatomy, and chemical analysis of drugs, poisons, and trace evidence, and the dynamics of Physics.

Students will learn about the careers involved with Forensic Science and will play mock roles as experts in the field to solve crimes. They will learn team work in solving the mock crimes and have a chance to change their roles as the year progresses. The students will all be given the tools to interpret data and techniques involved for both chemical and biological analysis of evidence.

### PURPOSE OF THE COURSE

Students will:

- Apply knowledge learned in previous courses such as Biology and Chemistry
- Work independently and in groups to apply that knowledge
- Use scientific terminology to describe the techniques they are using
- Understand how science is used to solve societal problems such as crime
- Incorporate History with science
- Explain how Criminal justice fits in with Forensic Science
- Understand that Forensic Science is applied Biology and Chemistry
- Learn the new uses of technology in solving crimes and issues of biometrics.
- Expand their use of the English language to document what took place and how they arrived at their conclusions
- Understand that there are limitations to what physical evidence can tell us but that the evidence does not lie
- Expand the use of critical thinking

### Classroom Supplies

Students must come prepared with the following items:

- Pen or pencil
- lab notebook
- paper (looseleaf or binded)
- calculator
- highlighter (optional)

Grading:

A	100-90%
B	89-80%
C	79-70%
D	69-60%
F	59-below

Tests	100 points
Homework	10 points
Quizzes	20-30 points
Labs	75 points

### THIS CLASS IS BASED UPO TOTAL POINTS

This is why it is important to get your work in

Makeup work will only be allowed for excused absences. You have as many days to make up the work as you were absent. If you were absent the day of the test you will make up the test the day you get back. I give a lot of notice of when there will be a test; so you should have already been studying for it.

Late work: For every day the assignment is late I deduct 20%. On the fifth day the assignment is worth zero.

Labs: Labs are not to be missed. If you have an excused absence on the day of a lab, please see me after school as soon as possible to get an alternate assignment. Labs are due one week from the day of the lab. If you do not abide by the lab rules, you will not be permitted into the laboratory.

#### Classroom Expectations:

- ◆ Students are to be in their seats prepared when the bell rings
- ◆ Students are to come to class prepared
- ◆ Homework is to be turned in at the beginning of the hour. If it is turned in at the end of the hour, it is one day late
- ◆ There are no ipods, cell phones, mp3 players, cd players, gameboys or other electronic devices permitted in the classroom. You may have a calculator (with no games loaded on to it). With the appropriate permission you may bring in a lap top to do your work on.
- ◆ No food or drink is permitted in the classroom or the laboratory
- ◆ You are not to be disrupting or sleeping while class is in session
- ◆ Please understand academic dishonesty will not be tolerated. This means plagiarism of any kind.
- ◆ Students are to abide by the rules in the Student Handbook
- ◆ There are no bathroom or locker passes. Please use these facilities before class.

This is a contract. By signing this contract you are agreeing to abide by the guidelines you stated above

Please return this page by the end of the week to Ms. Ozar

We have read the above guidelines and agree to abide by them

---

Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Parent Signature \_\_\_\_\_ Date \_\_\_\_\_

