

# OHHS Science Department

## Course Syllabus



**Course Name:** Forensics: Human Evidence

**Course Code:** SCO203

### **Course Description:**

This elective course rich in exploration and lab investigation. Forensics applies many disciplines of scientific study such as biology, chemistry, and physics to solving crimes. The course covers the following topics: types of evidence, fingerprints, hair and fibers, drugs and toxicology, blood and blood spatter, and DNA analysis.

### **Prerequisites**

None

### **Course Resources**

- Textbooks: Forensic Science for High School
- Supplemental: Various books, lab books, and articles will be provided throughout the semester.

### **Course Fees**

None

### **Course Outline/Instructional Units**

1. Introduction to Forensic Science and Types of Evidence
2. Fingerprints
3. Hair/Fiber
4. Drugs/Toxicology
5. Blood Analysis/DNA Analysis
6. Final Project

### **Major Assessments**

1. Assessments include: 5 unit exams; one cumulative final at the end of 1st Semester, a minimum of one complete formal lab report for each semester.

### **Extra Help**

Forensic instructors are available before and after school. Arrangements should be made to ensure materials are available.

### **Late/Make-up Work**

- Daily Work – may be turned in up to the end of the unit for reduced credit.
- Assessments – student should make effort to make up within one week. Make other arrangements with the teacher if necessary.
  1. This includes labs and projects.
  2. Student can earn up to 100% if the assessment is completed in the classroom.
  3. If the assessment (excluding exams) is completed at home, student may earn reduced credit.
- All work must be completed by the end of a unit. Revision of work will not be permitted from one trimester to the next.

### **RE-DO POLICY:**

OHHS is an effort based school where we believe all students can learn. We also know that students learn at different rates. Thus, we are implementing a re-do policy that recognizes the needs of individual learners.

- 100% Re-do
  - o Assessments (with exception of the Final semester exam)
  - o Key Assignments: Evidence that demonstrates mastery of a standard
- Teachers may:
  - o require completion of supporting assignments prior to re-do opportunities for students to show they can meet the standard.
  - o require students to complete re-do of work outside of class time.
  - o limit the number of re-do opportunities for each assignment.
  - o assign zero grades when students choose not to do key assignments and/or assessments to standard.
- All opportunities for re-do work will come with a deadline as assigned by the teacher.

### **Weighted Categories**

<b>Category</b>	<b>Percentage of Overall Grade</b>
Summative Assessments	50%

Labs	30%
Daily Work/Formative Assessments	20%

**Grading Scale:**

<b>Regular Scale</b>	
<b>Letter Grade</b>	<b>Percentage</b>
<b>A</b>	<b>93% and Above</b>
<b>A -</b>	<b>90%-92.99%</b>
<b>B+</b>	<b>87%-89.99%</b>
<b>B</b>	<b>83%-86.99%</b>
<b>B-</b>	<b>80-82.99%</b>
<b>C+</b>	<b>77%-79.99%</b>
<b>C</b>	<b>73-76.99%</b>
<b>C-</b>	<b>70-72.99%</b>
<b>D+</b>	<b>67%-69.99%</b>
<b>D</b>	<b>60%-66.99%</b>
<b>F</b>	<b>59.99% and Below</b>

<b>Advanced Placement Grade Scale</b>	
<b>Grade</b>	<b>Percent</b>
<b>A</b>	<b>90-100</b>
<b>A-</b>	<b>85%-89.99%</b>
<b>B+</b>	<b>83%-84.99%</b>
<b>B</b>	<b>77%-82.99%</b>
<b>C+</b>	<b>73%-74.9%</b>

<b>C</b>	<b>67%-72.99%</b>
<b>C-</b>	<b>65%-66.99%</b>
<b>D</b>	<b>55%-64.99%</b>
<b>F</b>	<b>54.99% and Below</b>

**OHHS PLAGIARISM POLICY:**

Any student, who knowingly turns in any work that has been done by someone other than himself or herself, and fraudulently represents it as his/her own, shall be considered to have cheated. Cheating also includes: aiding someone else in cheating, the use or preparation of written, pictorial, electronic or other materials not authorized by the instructor during a test or assignment, the use of testing materials obtained previous to the test date, or plagiarism of any kind. Students found cheating will also be subject to an office referral, which could result in a suspension. As an effort based school, students who have plagiarized/cheated must still demonstrate their learning. Thus, students will be given the opportunity to complete the work. This will fall under the “Late Work Policy” of the teacher where total possible points may be reduced.