



Forensic Science Syllabus*

Mrs. A. Ancheta

Phone # 984-5656 (school)

Email: amy_ancheta@notes.k12.hi.us

Grade Level	Length	Credit	Pre-requisite
10-12	1 semester	1 (science/elective)	Physical Science & Biology

Course Description:

Forensic Science is a lecture and practical laboratory course that integrates three major disciplines of science (Physical Science, Biology, and Chemistry) in the study of objects that relate to a crime. These objects are carefully analyzed so that they can be used as evidence in a court of law. Concepts on fingerprinting, blood/DNA analysis, trace evidence (hair, fiber, paint chips, etc...) analysis, and DNA analysis are just a few topics covered that are developed to illustrate the impact science has in the legal system.

Supplies needed: paper towels (2 rolls), pencil, pen, composition book, index cards, glue stick, a 1" three-ring binder, folder paper, and one laboratory supply

Textbook:

Forensic Science Fundamental & Investigations, Anthony J. Bertino

Cost if lost, stolen, or

damaged:\$120.00

Standards Addressed (posted in classroom)

HCPS III Science Standards #1 – 5
 Common Core Reading Standards 11-12
 GLO #1-6



General Learner Outcomes (GLO) Addressed	How
1. Self-directed Learner	<ul style="list-style-type: none"> • Students will be responsible for completing and turning in work on time • Students will document their grade and progress in class on a weekly basis
2. Community Contributor	<ul style="list-style-type: none"> • Students will work on group projects cooperatively for a goal • Students will assign tasks to group members to complete labs successfully • Students will relate topics discussed in class and apply it to the community and environment around them
3. Complex Thinker	<ul style="list-style-type: none"> • Students will use observations and data to draw conclusions • Students will be asked to apply learning to new and relevant situations
4. Quality Producer	<ul style="list-style-type: none"> • Students will use a rubric to guide and assess their own work • Students will consistently strive for the best quality work • Students will be given examples of different works that meets and does not meet standards so that they have a source for comparison
5. Effective Communicator	<ul style="list-style-type: none"> • Students are expected to present orally to the class • Students are expected to communicate within their group to achieve a common goal • Students will communicate orally and through written language to reach many goals
6. Effective and Ethical User of Technology	<ul style="list-style-type: none"> • Students will be encouraged to turn in work that is word processed • Students will not plagiarize from the internet or any other source • Research projects will incorporate internet research • Presentations will use PowerPoint • Students will cite internet resources accurately

Grading:

Students will earn points from the following assignments: daily clicker (wireless response system), daily exit passes, class work, homework, research projects/presentations, quizzes/ exams, laboratory reports, and notebook/binder. They will be graded on the scale: A= 100%-90%, B= 89%-80%, C= 79%-70%, D= 69%-60%, F= 59% and below.

Topics Covered:

Good place look for the topics covered is the table of content section of your textbook. Some of topics covered are observation skills, evidence collection, and evidence analysis. Following evidences are examined: hair, fibers, pollen, fingerprints, lip print, blood, blood spatter, Drug ID, handwriting, counterfeiting, soil, bones, glass, casts, tool marks and bullets. In addition, book report is required for an in-depth study of well-known criminal cases and/or criminals. Students will also be required to complete a career research in the field of forensic science.

Classroom Rules/Consequences:

Students are expected to maintain and demonstrate the following qualities: **RESPECT, SAFETY, HONESTY, PUNCTUALITY, RESPONSIBILITY, and QUALITY WORK**

All H.P. Baldwin High School rules (i.e. dress code, ID use, cell phone rule) and attendance policy (if you are tardy you must report to the office to obtain a tardy pass unless you have a note from a teacher).

CONSEQUENCES may include one or more of the following: warning, phone call home, referral to counselor or vice principal, detention and/or suspension, or expulsion from class

Missed Work Procedure

- If a student is absent or tardy, it is the student's responsibility to check the "**ABSENT/TARDY**" tray for any missed work. If there is no work in the tray, he/she needs ask for any missed work and schedule time/date to make up laboratory exercises with the teacher. If the student does not come in to make up an assignment during a schedule time and date (logged on teacher's calendar), student will receive a "0" .
- Upon returning, students must provide legitimate excuse notes and will be given exactly one week to make up his/her work. Any work that was due on the day of absence is due on the day the student returns from the absence.

Grade check/FT forms/notes from home (i.e. absent notes)

Place grade check/FT form/absent notes (and all the forms that need teachers' signature) in the **INBOX** located next to the clickers (wireless response system). They will be read, signed and returned to you during class.

Weekly Photo- Blogging

Each group will take turns to write each week's learning objectives; take pictures (learning in action), and write reflections on each day of the week's lesson. Then after teacher's approval, the content will be uploaded/blogged. This is a great way for you to learn about what is going on in your child's class and for students to reflect on their learning. If you do not want your child's picture to be posted on the blog, please indicate below. I will be monitoring the blog content. Moreover, blog content will be offline at the end of school year.

Aloha,

Welcome to another school year! I look forward to an exciting academic year with your child in my class. I believe that each child is special and together, we all can work cooperatively and collaboratively for your child's best achievement.

The syllabus outlines the course description, class requirements, and grading policy. Please take a few minutes to read the information, which has been shared with your child. Should you have any questions or concerns, please call me at school, 984-5656 ext 359 or email me at amy_ancheta@notes.k12.hi.us. If I am not available, please leave your name and phone number and I will return your call.

Mahalo Nui Loa,
Mrs. Ancheta
Forensic Science Teacher

Please sign and return this form after reviewing/discussing the syllabus with your child.

I have read and agree to the requirements for this course and will follow the rules outlined above.

Students Name:

Signature:

Date:

I have read and agree the requirements for this course and will support my child to do his/her best by going to class on time prepared with supplies, making sure all work's done, and having a positive working attitude.

Parent/Guardian Name: _____

Signature: _____

Date: _____

Phone #'s or email where I can be reached: _____

_____ I do not want my child's picture to be posted on class leaning blog. Reason: _____