



Forensic Science Syllabus and Safety Contract

Mrs. A. Ancheta

Phone # 727-3229 (Room I 202)

Email: amy_ancheta@baldwin.k12.hi.us

Grade Level	Length	Credit	Pre-requisite
12 (seniors only)	1 year	1 (science/elective)	Physical Science & Biology & Chemistry (or concurrent)

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 (1 rolls), pen, composition book, a folder and lined paper.

Textbook:

Forensic Science Fundamental & Investigations, Anthony J. Bertino

Cost if lost, stolen, or damaged: \$120.00

Standards Addressed

NGSS – Life Science Standards; Common Core Reading & Writing 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 check 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 complete given task as a group member 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
5. Effective Communicator	<ul style="list-style-type: none"> • Students will present orally to the class • Students will communicate within their group to achieve a common goal • Students will communicate orally and through written language to reach many goals with in a group.
6. Effective and Ethical User of Technology	<ul style="list-style-type: none"> • Students will turn in work that is word processed • Students will not plagiarize from the internet or any other source • Research projects will incorporate internet research and presentations will use electronic presentation tool. • 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. Note that all assignments can be redone and quizzes can be retaken for better score before the summative test which are the chapter tests in this class. Once chapter test is taken, no redone work or late work from that chapter is accepted. Grade is updated weekly online. Please go to infinite campus to check your grade.

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 (posted in classroom):

Students are expected to follow classroom norm: Safety First, Active Listening, Engage in Learning, Equity of Voice

Follow the entering classroom procedure posted on the door. This means:

- Hats and Sunglasses off
- Spit out Gum
- All electronics off (i.e. mp3 players, cell phones) and put away including headphones and ear buds. (Cell Phone should not be visible. This means in your bag, not on or in your desk. Absolutely no cell phones in the lab unless is permitted by the teacher to take a picture of lab observation)
- If needed, turn in forms to the "INBOX." You can pick up forms on your way out in the "OUTBOX."
- Be seated at the bell and start work.

All H.P. Baldwin High School rules (i.e. dress code, ID use, cell phone rule) and attendance policy followed.

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 class calendar online and "**Make-Up Work**" **BOX** 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, 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.
- Teacher Office Hours – available during recesses, after schools, and Saturdays. Please make an appointment with the teacher.

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** before the tardy bell. They will be read, signed and placed in the **OUTBOX**.

Class Website Resource

To find forensic resources, class assignments, class calendar, and some useful links, please go to class website, **mrsancheta.weebly.com** and explore!

Lab Safety Contract

1. I will act responsibly at all times in the laboratory.
2. I will not HORSEPLAY or be off task in the laboratory.
3. I will follow all instructions about laboratory procedures given by the teacher, or pre-lab, because failure to do so could endanger myself and others.
4. I will leave my lab area as I found it, cleaning up after myself.
5. I will wear my safety goggles and follow safety protocols.
6. I know where the fire safety equipment is located in the lab and have been trained in its use.
7. I will immediately notify the teacher of any emergency.
8. I will tie back long hair, remove jewelry (including id), and wear proper shoes while in lab.
9. I will never work alone in the lab, unless instructed to do so.
10. I will not take chemicals, equipment, or dissected parts from the lab without permission.
11. I will NEVER eat or drink in the lab unless instructed to do so by the teacher.
12. I will treat all lining or preserved specimens carefully and ethically, and as if they are dangerous.
13. I will only handle living or preserved specimens when authorized to do so by the teacher.
14. I will not enter or work in the storage room unless authorized to do so by the teacher.
15. I will keep a copy of this contract as a reference in my quadrille.
16. Failure to follow any of these procedures may result in my immediate removal from the lab, for a time to be determined appropriate by the instructor. In the interim I will be provided with alternative assignments to complete as necessary.

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, 727-3229 or email me at amy_ancheta@baldwin.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. Amy Ancheta
Forensic Science Teacher

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

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

Student Name: _____ Class: _____ Period: _____

Student 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/work to be posted on class website.

Reason: _____