

*“Your Salvation is a free gift from God,  
but your grade is based on works only.”  
Dr. Paul Sattler*

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**Room: A206**

**Course Description:**

Aquaculture is one of the fastest growing industries of the 21st century. This class is designed to be a survey of the nature, origin, techniques, career opportunities, and environmental & market impacts of aquaculture in our world today, with a special emphasis on how aquaculture can be used in the mission field. Intensive hands-on laboratory activities include building and maintaining both fresh and marine aquaculture systems with the goal of raising and harvesting various species for either the food or ornamental markets.

**Materials List:** Aquaculture - Farming Aquatic Animals & Plants ISBN: 9781119230861

**Grading Polices:**

Tests will typically be given after each chapter. Lab practical exams (practicals) will sometimes accompany lecture tests when applicable. All tests may be comprehensive in that they will build on the foundation of previous material. Practicals will cover material learned during laboratory exercises.

A short quiz (10-15 questions) will be given periodically throughout the chapter covering the material from the lecture & discussion. The purpose of quizzes is to ensure students' attentiveness in class & to help the students acclimate themselves to how test questions will be worded. Quizzes will be returned to the students & they may use them to study for tests since test material reflect quiz questions. The lowest quiz grade will be dropped at the end of each quarter.

The student's grade will be determined based on:

Tests/Lab Practicals/Aquarium maint.	50 %
Quizzes	30 %
Lab exercises/Participation	10 %
Homework/Papers	<u>10 %</u>
<b>Total Points</b>	<b>100 %</b>

Grading scale: A = 90 - 100%    B = 80 - 89%    C = 70 - 79%    D = 60 - 69%    F = 0 - 59%

**Attendance & Participation Policies:**

Students are expected to attend all lectures and laboratories. This is in your best academic interest. Any Canvas assignments must be submitted by the posted due date. Work submitted after the due date will be considered late and receive point deductions. Assignments physically handed in must be turned in at the beginning of class or when requested. Assignments handed in after the final call will be considered late (refer to page 31 of the SFCA Parent/Student Handbook). Tests are based on lectures derived from the textbook and sometimes supplemented with outside material. Students who have not been exposed to lecture material will not perform well on tests (for specifics on the absence policies, refer to the SFCA handbook). Laboratory participation is essential to success. Students cannot make up laboratories due to the nature of the extensive preparation which must be done for each lab. All lectures and some labs will be recorded for students who are absent.

**Dress Code:**

SFCA dress codes must be followed during lecture. Uniform polos may be taken off (only if an undershirt is being worn) during labs so as not to ruin it w/ dyes, chemicals, etc. The student **MUST** be in full uniform upon leaving the lab. Participating in a lab is no excuse for being out of uniform outside my class. If you don't wish to remove your uniform shirt or don't have an appropriate undershirt, lab aprons will be made available. You put a large T-shirt on over your uniform.

**Classroom Policies:**

It is expected that every student will conduct himself in an orderly, courteous manner at all times with prompt and respectful obedience to all school personnel, following all adult direction w/out comment. If a student questions a teacher's decision, he/she should speak to the teacher privately after class. At that time, he/she should respectfully explain the situation and wait for the teacher's response. Minor student disruptions during a class period will be dealt with following the secondary 4-step discipline plan. 1. The student will receive a verbal warning the first time. 2. The student will receive a written warning the second time that will be sent home to the parents via FACTS and a conference may be requested. 3. The teacher will assign a penalty to the student in the form of a detention, written assignment, or other discipline deemed appropriate if there is a third occurrence of discipline issues. 4. The teacher will refer the student to the Administration if a fourth incident arises.

It is expected that every student will respect the feelings and rights of others. This includes students, teachers and visitors. It is expected that every student will conduct himself in an honest manner, avoiding such actions as lying, stealing and cheating. It is expected that every student will be on time to each class and be prepared with a proper mental attitude and all their necessary materials, books and assigned work. It is expected that every student understands that the teacher's desk, computer, and other personal belongings and work area is personal property and will be treated as such. It is expected that every student will remain in compliance with the classroom teacher's rules, policies and procedures. Labs, tests, etc. that are missed because of such dismissals cannot be made up.

All high school students are required to have a **fully charged, fully functioning** laptop in class each day. Cell phones are not acceptable devices. If a student's tablet dies, the student **may not** use their cell phone for class activities. This will result in a zero for participation. Any inappropriate use (playing games, internet, etc.) will result in not being allowed to use the technology for the rest of the semester. Misuse of iPods, calculators, etc. will not be tolerated either. Cell phones are to be placed in a designated storage location during class time and cannot be used unless the instructor gives permission. Students who engage in misconduct with technological devices will be subject to penalties as indicated in the SFCA Parent/Student Handbook. **POSSESSING A CELL PHONE OR ANY OTHER ELECTRONIC DEVICE DURING A TEST, LAB PRACTICAL OR EXAM IS CONSIDERED CHEATING AND WILL RESULT IN AN AUTOMATIC ZERO.**

**Lab Exercises:**

Participation is a large portion of the grade and points may be deducted if one partner is the only one doing the work. This includes the gross stuff! Properly cleaning up the lab station as well as proper use of lab equipment will affect the student's grade. Labs *may* be recorded so absent students can know what happened, but credit cannot be given even if the video is watched.

**Aquaculture maintenance:**

A large portion of the students' test grade will come from the routine care of multiple aquaculture systems both in my classroom and around campus. Students will be given access to a shared Google Sheets checklist. They will log their maintenance time in this document. Their research grade will be calculated based on this checklist.

The following is a concise list of my basic expectations for students. Please read and initial each expectation as a part of the syllabus contract.

Students are expected to:

- **WORK!** You must put in effort to succeed. Apathy & laziness are recipes for failure.
- Study **effectively**, however often and long is necessary to succeed. The method of study and time will differ from student to student.
- Check Email, Canvas, and FACTS **daily** to make sure you are up to date on everything. Changes and updates for assignments will be communicated via email.
- Watch recorded lectures for the days you are absent. This is **not optional!**
- **READ THE BOOK!** You must read to learn. Include reading time in your study routine.
- Make vocab cards early in the chapter and study those **repetitively** throughout the chapter. Repetition is necessary to learn new words and concepts.
- Be ready to start lecture/lab/activity when the bell rings!
- **Actively** engage during lecture. Take notes, participate discussions, and ask questions about things you don't understand.
- **FOLLOW INSTRUCTIONS!** Assignments, homework, and especially lab activities must be done the proper way to get full credit or any credit. Failure to follow directions can result in a poor grade, disciplinary action, or both.
- **COMPLETE ASSIGNMENTS ON TIME!**

