

BIOLOGY 13.01Y & 13.02Y – MARINE BIOLOGY SPRING 2024 (5 units)

- Lecture (online) The course Canvas site!
- Lab in S51 (face-to-face) Tues (13.01) OR Thurs (13.02): 9:30am – 12:20pm

You need to attend the lab that you are enrolled in.

Otherwise...CHAOS WILL ENSUE AND THAT WOULD SUCK! 😊

Your lectures are asynchronous, meaning that there is no set lecture days or times. However, you do need to FOLLOW THE SCHEDULE because there are course deadlines and due dates!!!

Instructor: Jason Bram Office: Bldg. S5, Room S51a

Office Hours: (ON ZOOM): Mon & Wed 8:30am-9:30am. **(IN PERSON):** Tues & Thurs (in S51) 8:30am–9:30am. And always available by appointment, either in-person or on Zoom!

E-mail Address: bramjason@deanza.edu (the best way to reach me!)

Phone #: 408-864-8654

Instructor webpage: <http://www.deanza.edu/faculty/bramjason> (not important unless you like pictures of cute dogs and a little info about me!)

INTRODUCTION: Welcome to Biology 13 (Marine Biology) and the study of the wondrous array of life and adaptation in our oceans! For most students this is an astounding, interesting, sometimes awe-inspiring and hopefully quite fun view of marine biology as we know it. This 5-unit course is an introduction to the wonderful diversity of marine life on earth. The course is intended for **non-biology majors**, and my goal as your instructor is to help you achieve a good understanding of the basic principles of marine life on earth! I also hope that you will develop a lifelong appreciation of marine biology – you will see for yourself that understanding marine biology makes the world a much more interesting place!

COURSE DESCRIPTION: An introduction to marine biology as a branch of the biological sciences and to its basic unifying principles, with selected application to the scientific method, physical and chemical oceanography, marine animals, marine plants, and marine ecology with major emphasis on the natural history of marine life. Additionally, various oceanic habitats, such as bays estuaries, and open oceans are described. This course satisfies the De Anza General Education Requirement in Natural Sciences and is transferable to both UC and CSU as a general education science course. This course does **NOT** apply towards a major in biology.

ADVISORY: EWRT 1A or EWRT 1AH or ESL 5.

STUDENT LEARNING OBJECTIVES:

1. Appraise the physical and chemical properties of the ocean and investigate their impact on marine life.
2. Compare and contrast the anatomy, behavior, reproduction, and ecology of selected marine invertebrates, vertebrates, plants, and protists.
3. Examine marine biology as a branch of the biological sciences and its relation to the scientific field and how the scientific method is used.

We will be using the Canvas webspace to (either directly or as a gateway to):

1. keep up on course announcements and deadlines (as a student you are responsible for any info/announcements made in class and/or posted to Canvas).
2. track your grade in the course.
3. access course material like greensheets (syllabus), lectures, labs, videos and study guides.
4. complete and turn in your homework assignments (chapter quizzes), as well as other course assignments.
5. post your comments regarding discussion topics in marine biology.
6. attend my online office hours or meet with me online outside of office hours.
7. message me

Please let me know as soon as possible if you have any questions/problems with accessing Canvas.

TEXTBOOK: The textbook is highly recommended, and you have quite a few choices!!!

BEST CHOICE: Buy/rent Marine Biology by Peter Castro and Michael Huber 11th Edition McGraw Hill (ISBN 9781259880032). Rental of the textbook for the quarter costs around \$70. The best way to use the text is as a reference. My tests come from my lectures, AND MY LECTURES MAINLY COME FROM THIS BOOK, so if there's a concept that I go over in lecture that you need further information on, the textbook is a GREAT resource!

SECOND BEST CHOICE: Have an older edition of this book or get the current edition from some other source, but there are no guarantees that it will have the same material.

My suggestions are simply that: suggestions. You need to do what's best for your particular situation.

LAB BOOK: Your labs will be available on Canvas for no charge. You can print them out or view them electronically via your tablet or laptop. I HIGHLY SUGGEST not using your smart phone to view them unless you want to squint a lot during the lab period. Phone screens are too small!!!

THE TECHNOLOGY YOU NEED FOR THIS COURSE (THIS IS MANDATORY!): It is your responsibility to have the materials you need to be as successful in this course as you can be. As this is a partially online course, you will need the following in order to access all the aspects of this course: **A desktop computer, laptop, or Chromebook with a Windows, Mac or Chrome operating system. You will also need reliable internet access.**

I am well aware that finances may be very tough for some of you. This is why the textbook is recommended and not required, as well as my providing all the labs on the Canvas course site. However, I also need you to have the technology to be able to do the online portions of this course successfully. For example, if you are planning to do this entire course on your phone, there will likely be technology issues that will come up and that is not my responsibility. I also don't have the technology skills or knowledge to help you if these issues do come up.

If you are having financial/technology difficulties, I have placed resources on Canvas for you, but I'll put the website here as well. **THERE ARE RESOURCES HERE THAT CAN HELP YOU!!!** <https://www.deanza.edu/quarter-guide/> In addition, if a problem comes up during the quarter, please don't hesitate to talk to me about it! Don't just shine it off, as you won't be able to succeed in this class without having the technology/resources that you need.

COURSE REQUIREMENTS AND EXPECTATIONS: You are expected to attend every class meeting during your lab periods as well as complete/view all of the online content that is on your Canvas site (that is considered "attendance" in the online portion of the course). You are also expected to meet all course deadlines. If you miss a class, it is your responsibility to obtain information and materials dispensed in that class period. Attendance and participation will be the first criteria considered when determining "borderline" grades. In my experience, those students who do not attend class (lab periods or participation on the Canvas site) are the students who do not fulfill their potential regardless of their level of understanding. I'm telling you, if you don't attend lab periods or "attend" the online portion of the course, you are really only hurting you and I hate to see people in pain, so come to class, both virtually and face-to-face!!!

Disruptive behavior will not be permitted in class. **Basically, be nice to and respectful to everyone!** Here are some general rules that will help you be successful in the course and limit distractions to other students and me:

- **Arrive to class on time, and do not leave early.**
- **No use of cell phones, music players, or text messaging, or any other similar electronics during class.**
- **Do not converse with your classmates (or yourself!) while the instructor or other presenter is addressing the class. If you have a question or discussion item, please raise your hand.**

I WELCOME AND ENCOURAGE YOU TO ASK ME QUESTIONS, WHETHER IT BE FACE-TO-FACE (DURING CLASS OR OFFICE HOURS) OR ELECTRONICALLY (E-MAIL/ZOOM)!!! IF I DON'T KNOW THE ANSWER, I WILL FIND YOU THE ANSWER!

In regards to masking during the lab periods, my guidelines will follow the rules of De Anza College. Please feel comfortable to do what you need to do for you. No judging and no judgments. ☺

ASSIGNMENTS	DATE	POINTS
Three Lecture Exams: (during lab period, non-cumulative)	Apr. 30/May 2, May 28/30, June 18/20	300 pts. (100 pts. each)
Three Lab Exams: (during lab period, non-cumulative, LOWEST LAB EXAM SCORE WILL BE DROPPED)	Apr. 30/May 2, May 28/30, June 18/20	50 pts. (25 pts. each)
Final Exam: (cumulative; lecture material only) You have 24 hours to turn the final in ON CANVAS .	June 25 th (8:00am) – 26 th (8:00am)	50 pts.
Chapter Quizzes (on Canvas): All chapters covered in lecture will be available. Only 10 need to be completed for credit, so you can choose the 10 chapters you want to do in the quarter.	May 5, June 2, June 23	50 pts. (5 pts. each)
Lab Quizzes: There will be 7 lab quizzes in the quarter. THESE WILL BE COMPLETED DURING YOUR LAB PERIOD! YOUR LOWEST TWO WILL BE DROPPED (you can miss up to two labs in the quarter without penalty, although you are responsible for this material on your lab exams).		50 pts. (10 pts. each)
Project Presentations:	June 11/13	20 pts.
Discussion Posts:	May 5, June 2, June 23	15 pts. (5 pts each)
<u>535 TOTAL POINTS POSSIBLE!!!</u>		

EXTRA CREDIT POINTS

Day Field Trips (3 offered in the quarter)	10 pts. per field trip
Camping Trip	up to 20 pts.
Paper (turn it in as an Attachment via e-mail)	up to 20 pts.
CCP Program (opportunity will be presented early in the quarter)	up to 20 pts.
http://deanza.edu/ccpartners/	
YOU CANNOT EXCEED 50 PTS. OF EXTRA CREDIT FOR THE QUARTER!!!	

GRADING: Final letter grades shall be assigned in accordance with the following percentages:

A+	=	95% or higher	508 points or higher
A	=	91-94.9%	487-507
A-	=	88-90.9%	471-486
B+	=	85-87.9%	455-470
B	=	80–84.9%	428-454
B-	=	76-79.9%	407-427
C+	=	71-75.9%	380-406
C	=	63-70.9%	337-379
D	=	53-62.9%	284-336
F	=	52.9% and below	283 points or lower

I do not curve the grades for the course. IT IS IN YOUR BEST INTEREST NOT TO SETTLE ON A GRADE!!! EACH OF YOU DESERVES THE BEST GRADE THAT YOU CAN ACHIEVE!!! DO NOT HESITATE TO TALK TO ME IF YOU ARE FINDING YOURSELF LOST, CONFUSED, OVERWHELMED, BORED OR SCARED ABOUT YOUR GRADE OR ANY OF THE INFORMATION PRESENTED AT THE EARLIEST POSSIBLE SIGN THAT YOU ARE HAVING DIFFICULTY.

Need help? Student Success Center peer tutors can relate and are ready to help! Go to the [SSC homepage](#) and click on the yellow links for schedules and Zoom links.

- **Individual Weekly or Drop-in Tutoring:** Come with assignments or questions, or just drop by to see how tutoring works.
- **Workshops, group tutoring and group study:** Most people learn better with others...give it a try!
- **Support for online learning:** Speak with a friendly peer tutor or SSC staff member about motivation and organization strategies for online classes. We get it and are going through the same things, so let's support each other!
- **Need after-hours or weekend tutoring?** See the [Online Tutoring](#) page for information about **NetTutor** (via Canvas) or **Smarthinking** (via MyPortal).

YOUR LECTURE EXAMS (except your final exam): Each of the lecture exams will consist of a combination of multiple choice and short answer questions. The exams will occur during your lab period and will consist of questions from your video lectures. Your 3rd exam will have five 1-point questions from the class presentations in addition to your lecture-based questions. Each exam is worth 100 points.

1. The exams will only cover the material within that time period (i.e. the 2nd exam will only cover the material presented AFTER the 1st exam).
2. I will be providing reviews for the exams for you to study from, but in no way are they substitutes for spending an appropriate time on the course material.
3. You CANNOT make up an exam!!! This is not fair to the other students.
 - a. It is my experience that certain students always seem to have emergencies come up on exam days. I have found that when I'm "nice" to students, they abuse the privilege. Please be a responsible individual!
 - b. In saying all this, if an uncontrollable emergency, illness or other personal crisis arises, I occasionally will allow make-ups for **responsible** individuals, but they are few and far between. If something does happen, let me know the situation as soon as you can, and I will be more flexible.

YOUR FINAL EXAM: The final exam will consist of multiple choice questions based solely on the lecture material for the quarter. These questions will be selected from the three exams you took during the quarter. Each exam will be different for each student.

Final Exam **June 25th (8:00am) – 26th (8:00am)** 50 pts.
(cumulative; lecture material only) You have 24 hours to turn the final in ON CANVAS. The exams must be submitted by Wednesday, June 26th at 8:00am.

NO LATE FINAL EXAMS WILL BE ACCEPTED. If there is some sort of major time conflict which will prevent you from completing this approximately 1-hour exam within the 24 hour time period, please contact me at least 24 hours before the exam period begins.

YOUR LAB EXAMS: These will be given to you in the lab period right after you turn in your lecture exam. Each exam is worth 25 points and will consist of a combination of multiple choice and short answer questions that will come from the labs that you in class.

1. The lab exams will only cover the material within that time period (i.e. the 2nd exam will only cover the labs AFTER the 1st exam).
2. I am **NOT** going to be providing study guides for the lab exams since the lab exams only cover 2 or 3 labs for each exam. Here's how you can study for the lab exams:
 - a. At the end of each lab (the Word or PDF), there will be a "Stuff to know for the lab exam" section. This will briefly go over everything you need to know from that particular lab for the lab exam. Between this, the lab quizzes completed in class, the practice lab quizzes, participating in the lab, and all of the lab files that will be available to you, you will have everything you need to do well on the lab exams. The lab exam questions are based on the procedures done in your labs, as well as the results that you found in the lab. Those students who let their group members do all the work in the lab will probably not do as well on these exams.
3. I will be dropping the lowest of your 3 lab exams to reflect the fact that some students may miss a lab (or two) in the quarter due to circumstances beyond their control.
4. If you miss a lab, I'm more than happy to go over the lab material with you during my office hours or by appointment. Missing a lab does **NOT** mean that you are not responsible for that lab material on a lab exam.

YOUR CHAPTER QUIZZES: These are designed to help you prepare for the lecture exams and really should be completed before the lecture exam. I do give you until 11:59pm on Sunday night to complete them the week of each lecture exam, but if you're doing these quizzes after the lecture exam, **you're not using them for their proper purpose.** They are worth 5 points each and since you can submit them multiple times, you really should get all 5 points possible. You can go back to these assignments as many times as you want in order to prepare for the exams. All chapters covered in lecture will be available. Only 10 need to be completed for credit (**50 points are the maximum you can receive**), so you can choose the 10 chapters you want to do in the quarter, or you can do them all for extra practice for the exams!

YOUR LAB QUIZZES: There will be 7 lab quizzes in the quarter and will be completed as a class at the conclusion of the lab. There are 50 points possible on the lab quizzes for the quarter (10 pts. each), and every student that attends lab should receive all 50 points. I will be dropping your lowest two lab quiz grades to reflect the fact that some students may miss a lab (or two) in the quarter due to circumstances beyond their control. However, remember that **you are still responsible for the lab material on the lab exams, regardless of absences.**

AND YOUR PRACTICE LAB QUIZZES: In order to provide practice for the lab exams, an **optional** practice lab quiz will be posted to Canvas every Friday on every week that has a lab. This practice lab quiz will be exactly the same as the lab quiz for the week. It just won't be worth any points in the course. It is simply there to provide a tool to help you prepare for the lab exam and allow people who missed the lab to have that resource. You will be able to do the practice lab quiz as many times as you would like, but is not required.

IMPORTANT NOTES REGARDING THE LABORATORY QUIZZES/EXAMS AND THE LAB ITSELF:

1. No eating, drinking, smoking, or sewing (especially no sewing!) allowed in the laboratory!
2. You are expected to attend all labs. If more than two labs are missed without a reasonable excuse, you may be dropped from the course!
3. If you miss a lab, you are responsible for finding out what you missed. If you don't, your lab exam grade will most likely suffer!
4. You **MUST** attend the lab that you are signed up for unless you clear it with me beforehand.
5. Coming to lab and participating will definitely help your lab quiz/lab exam grades and save you time in your studying for the lab exams! In addition, many of the lab activities will help you with the lecture material as well, so it's definitely in your best interest to be there!!!

YOUR PROJECT PRESENTATIONS: This will be a group project with 3-4 randomly assigned students in each group. Your group will be required to orally present in lab a 3-5 minute seminar/presentation based on a topic in marine biology (your choice!). If you complete the assignment, you will receive up to 20 points.

Here's how you get all 20 points. If you don't do all the items listed below, I will take off 1-4 points for each item not completed properly.

1. You do the presentation: **4 points.**
2. You use some sort of presentation software, like Powerpoint or Prezi: **4 points.**
3. You provide 1-2 usable (multiple choice with at least 3 choices) questions for the 3rd lecture exam. **You should put these questions in a slide at the end of your presentation and should be easily answerable by anyone who watched your presentation: 4 points.**
4. You do it as a group **OR** you spoke to me at least a week before the presentation if there were any problems within the group: **4 points.**
5. You follow the given instructions (i.e. around 3-5 minutes long and you chose a topic in marine biology): **4 points.**

Most presentations in the past have been great! If you are a flake or procrastinator, don't know how to communicate with another human being, or think playing a victim is a sign of maturity then you may not receive all 20 points.

And FYI, you will probably have to work with or deal with people who have these qualities throughout your lives. The people who can rise above this will go much further than those who can't. Dragging your group member to the finish line may be needed. If this happens to you, it shows that you are a leader on your way to success and hopefully that leadership/effort rubs off on your partner and they become better because of you!

YOUR TOPICS IN BIOLOGY DISCUSSION POSTS: There will be 3 discussion topics placed on Canvas during the quarter. In order to get these points, you will need to add to the discussion (minimum of 150 words) regarding the topic. If you do this, you will receive the 5 points available for each discussion. The discussion topics will be posted Monday morning and you will need to submit your post by Sunday night of that week by 11:59pm.

EXTRA CREDIT POINT OPPORTUNITIES FOR YOU!!!

THIS IS NOT REQUIRED!!! However, I highly suggest doing all of the extra credit or you really only have yourself to blame for not receiving the grade that you want to get in this course!

You can earn up to 50 points by doing the following:

1. **Scientific paper summary & opinion paper** (20 points maximum):
 - a. Write a 2-3 pg. double-spaced summary of a provided scientific paper (papers will be posted to Canvas) (up to 10 points)
 - b. Write a 1-2 pg. double-spaced opinion of the paper or the issue that the paper brings up. (up to 10 points).
 - c. The paper **MUST** be in either Microsoft Word, Open Office, Google doc (make sure you give me permission!) or PDF format (please submit via e-mail bramjason@deanza.edu). I won't be able to open them otherwise.

Some notes regarding the summary part of the paper:

This is straightforward. Read the paper. Write a 2-3 page summary. This will give you 10 out of the 20 possible points. Summarize the paper to the best of your ability. I'm looking for effort more than anything else here. Even if you don't understand the paper completely, that's okay. It's okay to write things like, "I think what the study is about is...." if you're not exactly understanding everything in the paper.

Some notes regarding the "opinion" part of the paper:

This is a little less straightforward. There are 2 choices here.

Choice 1 is to simply write 1-2 pages about your opinion of the paper itself. This will give you the other 10 out of the 20 possible points. Why did you like the paper? What didn't you like about the paper? What did you find confusing about the paper?

Choice 2 is to write 1-2 pages about your "opinion" of the topic. The "opinion" is open to write about ANYTHING related to the topic. So, let's say my topic choice was lizards (not an actual topic choice, just an example). The opinion part could be why I love lizards, why I hate lizards, why I chose this topic, writing about my pet lizard or my history with lizards, going online and finding cool facts about lizards, going online and finding a recent study on lizards, basically ANYTHING as long as it relates to my topic choice of lizards! You can have fun with this part of the paper.

It doesn't have to be in MLA or any other research paper format. I just want to see effort and that you followed the instructions! Double-spaced and no larger than a 14 point font.

YOUR PAPER IS DUE JUNE 26TH BY 11:59pm. IT WILL NOT BE ACCEPTED LATE! IF YOU DO NOT FOLLOW THE INSTRUCTIONS ABOVE, POINTS WILL BE DEDUCTED FROM YOUR PAPER.

2. **Cross Cultural Partners (CCP) Program:** (opportunity will be presented early in the quarter - 20 pts. maximum) <http://deanza.edu/ccpartners/>
3. **Field Trip:** By attending the extra credit field trips. Each day field trip (Monterey Bay Aquarium, Pigeon Point Intertidal, Don Edwards Wildlife Refuge) will give you 10 points of extra credit (30 points maximum extra credit for day trips). To make a day trip up, you can go somewhere Marine Biology related (some

suggestions: Aquarium of the Bay in SF, Monterey Bay Aquarium, Monterey Bay Discovery Center in Santa Cruz, an event at the Marine Science Institute in Redwood City, Seymour Discovery Center at UC Santa Cruz, S.F. Zoo, etc.) and write up a 1-2 pg. summary along with including a picture of you there. **The overnight camping trip will give you up to 20 points of extra credit.**

Some notes regarding the field trips:

These trips are **NOT** mandatory, but highly suggested. If you cannot go on these trips for any reason please make sure that you take advantage of the other extra credit opportunities (CCP program, extra credit paper) so you get all the extra credit points possible in the course.

If you are making up multiple day trips, each trip must be on its own day and each trip must have a separate 1-2 page summary.

YOU CANNOT EXCEED 50 PTS. OF EXTRA CREDIT FOR THE QUARTER!!! Given the amount of different extra credit opportunities I offer (camping trip: 20 points, 3 day trips: 10 points each, paper: 20 points, CCP program: 20 points), there are a variety of ways to get all 50 possible extra credit points.

I do recognize that there may be students who cannot attend ANY of the trips due to financial and/or transportation issues. If this is the case for you and you want to receive all 50 possible extra credit points, you **must** do the extra credit paper **and** be part of the CCP program. If you do this, I will allow you to complete an alternative assignment (ask me for it), which will take the place of one of the day trips so you can get all 50 possible extra credit points.

WHY DO I OFFER THESE EXTRA CREDIT POINTS (UP TO 50 POINTS POSSIBLE!)???

To stop you from grade begging. I hate grade begging. You get what you get, and now you get up to a 50 point boost, so if you wind up a few points below a certain grade, you actually wound up over 50 points below a certain grade. **If you choose not to boost your grade, that is your decision.**

To reflect the fact that stuff may happen. You may accidentally click an answer that you didn't mean to click for one of the online assignments or final exam, or accidentally skip a question. You may find a question or two that you didn't feel was fair. You may miss more than 2 lab quizzes. These extra credit points are there to reflect these possibilities. **If you choose not to boost your grade, that is your decision.**

To make things a little less stressful in regards to your grades. **If you choose not to boost your grade, that is your decision.**

So, no grade begging and don't be so hard on yourself if you make a mistake in this class. That's what these extra credit points are here for. We all make mistakes or have things that happen outside of our control. **So, please choose to boost your grade.**

SCHEDULE: The following schedule may be modified during the course at my discretion.

DATE	LECTURE TOPIC	LAB
4/9	The Science of Marine Bio. (Chapt. 1)	Lab #1 – Introduction/The Metric System
4/11	The Sea Floor (Chapt. 2)	Lab #1 – Introduction/The Metric System
4/16	Ocean Chemistry (Chapt. 3)	Lab #2 – Microscopes/Plankton/TSD
4/18	The Microbial World (Chapt. 5)	Lab #2 – Microscopes/Plankton/TSD
4/23	Seaweeds (Chapt. 6)	Lab #3 – Seaweeds + Osmosis
4/25	Seaweeds (Chapt. 6)	Lab #3 – Seaweeds + Osmosis
4/30	Marine Invertebrates (Chapt. 7)	Exam #1 – Chapters 1-3,5-6, Labs #1-3
5/2	Marine Invertebrates (Chapt. 7)	Exam #1 – Chapters 1-3,5-6, Labs #1-3
Friday, May 3rd – Sunday May 5th Camping Trip (Intertidal, Sandy Beach, Elephant Seals) Arrive at site 3:00 pm or later on the 3rd.		
CHAPTER QUIZZES for Chapters 1-3, 5-6 ARE DUE BY SUNDAY, MAY. 5TH at 11:59pm!		
DISCUSSION POST #1 IS DUE BY SUNDAY, MAY 5TH AT 11:59PM!		
5/7	Marine Invertebrates (Chapt. 7)	Lab #4 – Invertebrate Diversity
5/9	Marine Fishes (Chapt. 8)	Lab #4 – Invertebrate Diversity
5/14	Marine Fishes (Chapt. 8)	Lab #5 – Vertebrate Diversity/External Anatomy/Project Presentation Groups
5/16	Marine Fishes (Chapt. 8)	Lab #5 – Vertebrate Diversity/External Anatomy/Project Presentation Groups
Saturday, May 18th – Monterey Bay Aquarium Trip! Be at site at 9:45am!!!		
5/21	Reptiles, Birds, Mammals (Chapt. 9)	Lab #6 – Animal Dissections/Presentation time
5/23	Reptiles, Birds, Mammals (Chapt. 9)	Lab #6 – Animal Dissections/Presentation time
5/28	Reptiles, Birds, Mammals (Chapt. 9)	Exam #2 – Chapters 7-8, Labs #4-5
5/30	Between the Tides (Chapt. 11)	Exam #2 – Chapters 7-8, Labs #4-5
Friday, May 31st - Pigeon Point Intertidal Field Trip. Be at site at 11:30am!!!		
CHAPTER QUIZZES for Chapters 7-8 ARE DUE BY SUNDAY, JUNE 2ND at 11:59pm!		
DISCUSSION POST #2 IS DUE BY SUNDAY, JUNE 2ND AT 11:59PM!		
6/4	Estuaries (Chapt. 12)	Lab #7 – Beach Hoppers/Presentation time
6/6	Estuaries (Chapt. 12)	Lab #7 – Beach Hoppers/Presentation time
6/11	Coral Reefs (Chapt. 14)	Presentations
6/13	Coral Reefs (Chapt. 14)	Presentations
6/18	Prep for Exam #3 & Final Exam	Exam #3 – Chapters 9,11-12,14) + Presentation Questions; Labs 6-7
6/20	Prep for Exam #3 & Final Exam	Exam #3 – Chapters 9,11-12,14) + Presentation Questions; Labs 6-7
Friday, June 21st - Don Edwards Wildlife Refuge Field Trip. Be at site at 10:00am!!!		
CHAPTER QUIZZES for Chapters 9,11-12,14 ARE DUE BY SUNDAY, JUNE 23RD at 11:59PM! DISCUSSION POST #3 IS DUE BY SUNDAY, JUNE 23RD AT 11:59PM!		
Final Exam	Tuesday June 25th (8:00am) – Wednesday June 26th (8:00am)	
(selected lecture questions from 3 prior exams)		
Extra Credit Paper and any other extra credit due by Wednesday June 26th at 11:59pm!!!		
CHEATING: Absolutely no form of academic dishonesty or plagiarism will be tolerated. It is unethical, unfair, and a violation of your own intelligence as well as being lame, slimy, and vile. Anyone caught cheating will be subjected to the most severe academic penalties and receive a 0 on that exam. And you'll really feel guilty, so don't do it!		

WITHDRAWAL AND YOUR CONCERNS ABOUT YOUR GRADE: Saturday, April 20th is the last day to drop the course without a “W”. **Friday, May 31st** is the last day to drop the course with a “W”. **IF YOU ARE CONCERNED ABOUT YOUR GRADE, PLEASE COME TALK TO ME AT THE EARLIEST POSSIBLE TIME SO THAT WE CAN DISCUSS YOUR OPTIONS.** It is to your great advantage to discuss with me (I don't bite!) any problems you are having early in the quarter so that I can try and assist you as much as possible.

IT IS YOUR RESPONSIBILITY TO OFFICIALLY WITHDRAW SO THAT YOUR TRANSCRIPT RECORD WILL NOT BE ADVERSELY AFFECTED.

Note to students with disabilities: If you have a disability-related need for reasonable academic accommodations or services in this course, provide (name of Instructor) with a **Test Accommodation Verification Form (also known as a TAV form)** from Disability Support Services (DSS) or the Educational Diagnostic Center (EDC). Students are expected to give five days notice of the need for accommodations. Students with disabilities can obtain a TAV form from their DSS counselor (864-8753 DSS main number) or EDC advisor (864-8839 EDC main number).

PLEASE NOTE: I keep exams for 1 year and other work for 1 quarter.

A NOTE FROM THE BHES DIVISION:

The BHES Division is very pleased to announce that we have a BHES dedicated Counselor – Tom Nguyen. Tom can help you set up an education plan and answer questions you may have. Tom is located in KC218 and can be reached by email at nguyentom@fhda.edu or via phone - 408.864.8971.

You are required to comply with all rules and regulations as outlined in the Biological, Health and Environmental Sciences Division Student Handbook as well as those of De Anza College (see the De Anza College Catalog) and the FHDA Community College District. The BHES Division Student Handbook is available on-line at: <http://www.deanza.edu/bhes/StudentHandbook.pdf> as well as in the Science Center and Kirsch Center for Environmental Studies Resource Centers in hard copy. All information in the Student Handbook applies in this course and students will be held accountable for this information. In addition to outlining expectations of classroom behavior, this handbook contains many helpful resources for students as well as ideas to help students succeed in the sciences!