

SIO 1: Winter 2018

The Planets

Times, locations, and important dates

Lectures	Mo, Wed, Fr	2:00–2:50	Center Hall 212
Office hours	Monday	1:00-1:50	Galbraith Hall 364
Lab sessions	Wed, Fr	4:00-4:50	Center Hall 217B
	Th	2:00-2:50	WLH 2206
	Th	4:00–4:50	WLH 2112
Report 1	Fr, Jan 26	5:00pm	TritonEd (Turnitin)
Report 2	Fr, Feb 9	5:00pm	TritonEd (Turnitin)
Midterm	Mo, March 5	2:00–2:50	Center Hall 212
Final Report	Fr, Mar 16	5:00pm	TritonEd (Turnitin)
Final exam	Mo, March 19	TBA	TBA

Instructor

Anne Pommier pommier@ucsd.edu 858-822-5025
Office Hour: Monday from 1 to 1.50pm in Gilbraith Hall, room 364.

Teaching Assistants

Emma Harrison ejharris@ucsd.edu
Wei Wang weiwang053@gmail.com

SIO Undergraduate Office Contacts

Josh Reeves jdreeves@ucsd.edu
Galbraith Hall 365 858-534-8157 <http://sioundergrad.ucsd.edu>

Required Course Materials

iClicker remote (available at bookstore). All other required materials will be posted online. You also should have a scientific calculator with log and y^x keys. Bring to exams and labs.

Course Textbook

Class notes are provided on the course website.

Grading

Report 1: mission instrument	15%
Report 2: exploration target	15%
Final Report: mission proposal	15% (10% individual, 5% team)
Lab Quizzes and Problems	5%
Midterm Exam	25%
Final Exam	25%
Extra Credit (Star party)	+2%

Late Assignments

Because you will have several weeks to complete each report and they will be turned in online, late assignments will **NOT** be accepted. You are allowed to turn them in early.

Attendance

You are expected to attend all the lectures and lab sessions. If you are absent from a class, pdfs of lecture slides are available at the course website in TritonEd.

However, lectures are **NOT** recorded and thus, not available at Podcast.ucsd.edu.

The classroom learning environment

As your professor, a key role I have is to promote learning. One important factor towards this goal is to maintain a classroom environment that allows people to actively participate and to learn without distractions or influences that act to destroy a positive learning environment. Our classroom environment has the following guidelines:

1. Phones are in silent mode and put away.
2. Tablets or laptops are to be used for note-taking purposes only (and only while sitting in the front 2 rows of the lecture hall)
3. Talking in class only during appropriate times

Students whom are unable to comply with these guidelines will be asked to close their tablet or laptop (or move to the front 2 rows to use them for taking notes), surrender their phone for the duration of the lecture, or leave the classroom.

Exams

There will be one midterm and a final examination; the final exam will **NOT** be cumulative. All of the exam questions are based on the material from both the lectures, labs, and the course notes. All exams will be signed by the test-taker and your ID will be checked against the online photo of you provided by the registrar. All exams are closed book and closed notes. The final exam will be given on Week 11 (likely Monday, March 19, but this day and time are to be confirmed). *Note the final exam will only be offered at this time —please do not take this class if you will be unable to make this time.*

Make-Up Exams

Exam absences will be excused only when a student misses the exam for a legitimate reason such as: (1) illness, (2) family emergency, (3) athletic competition conflict. A doctor's or Dean's note is required for (1) and (2). Please get in touch with us as soon as possible if such a situation arises. Anyone with conflicts (3) must provide at least 2 weeks notice with appropriate signed paperwork. In the case of missed exams, students will receive zero if they have no legitimate excuse. If they have a legitimate excuse, they may be asked to take a makeup exam or their point total for the class will be scaled to correct for the effect of the missing exam (this decision will be made by the instructor).

Lab Sessions and reports

There will be three written assignments which will comprise 45% of your grade. Digital versions (pdfs) of these reports will be turned in on the course website. The labs will provide an opportunity for students to ask the TAs questions about the course material, reports, and final project. TA's will cover material that will be helpful for your reports and also provide worked examples of problems that may be relevant for including in your reports.

Use of Proper References and Citations in Reports

All of your written assignments must be written from scratch. In order to complete them, you will perform research for your reports and you may use any sources that you find, however any such sources that are used for reference should be given adequate citation. Any information that is provided in your report that comes from one of your sources should be indicated with a citation in parentheses. Do not cut and paste material from the web or other sources unless it is placed inside quotation marks and the full citation is provided in the list of references. If you have any questions about this it is your responsibility to ask a professor, TA, or consult the student handbook.

Working Together on Mission Proposal

The final report is a team project, and each student will be responsible for completing their assigned portion of the report. In order to make the entire report as strong as possible, all members of the team are encouraged to discuss and provide input into all of the other team members' assignments, *however, each student's individual assignment should be written using his or her own words*. All members of the team are equally responsible for any infractions.

Extra Credit Star Party

An evening star party is planned to look at the Moon and whatever planets are visible through small telescopes. Times and locations are to be determined but will be somewhere on the UCSD campus. You will receive extra credit if you attend these events (bring your ID). There may also be solar viewing before/after one of the classes.

UCSD Policy on Integrity of Scholarship

UCSD has an established policy on academic honesty that we will follow in this class. Please see: <http://academicintegrity.ucsd.edu/>

In plain English: don't cheat, don't plagiarize, and don't use a "ringer." **You will be required to sign an agreement about integrity rules in Week 1 (Lab).**