

GEOL 105: Oceanography

Autumn Semester 2008 - University of Puget Sound

TAUGHT BY	Gwyneth Jones
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Office	Thompson 117-F
Office hours	Drop in or by appointment (<u>MWF</u> 11:00-11:50, 4:00-5:00)
LECTURES	MWF 10:00-10:50 in Thompson 391
LABS	2:00-3:30 in Harned 126 - AA: Mondays / AB: Fridays
COURSE MATERIALS:	
Textbook	<i>Introduction to Oceanography, Custom 5th edition (2008)</i> by Tom Garrison – <i>Custom with 2 additional chapters: 1) Waves, Beaches and Coastal Erosion, and 2) Tsunamis.</i>
Lab Manual	<i>Oceanography 101 Labs</i> by Gwyn Jones. <i>To be distributed.</i>
Handouts	Distributed in class, by email, and/or posted online.
Course site	http://www2.ups.edu/faculty/gjones/ and http://blackboard.ups.edu/

EMAIL & INSTANT MESSENGER: Between classes, email and IM are the easiest ways to reach me. They increase our interaction potential and decrease my response time to your questions. ***Be sure to check your accounts every day, including weekends.***

A) To make sure we can reach each other, I need to know that it's you who's writing to me, and what it's about – Therefore, your ***email subject lines*** must always include:

- (1) The specific subject of the email, and**
- (2) Your name, and**
- (3) Which class you're in (ENVR 105).**

This will reduce the chance of your email being spam-filtered or overlooked.

B) So I know whose files are whose, the ***filename*** of any ***attachments*** you email me must be formatted as:

YourLastname-Firstname-GEOL105-LabSection-Assignment.doc

(for example, Fisher-Sarah-GEOL105C-ExtraCreditFieldTrip.doc)

The file itself, when I open it, must have your name, date, what the assignment is, etc on every page. That is, if I were to print your file, that information would be displayed.

NOTE: I cannot read **.docx** files. Please reformat as **.doc** before sending to me!

C) Please get MSN Messenger and add me to your Contacts List (gwjones@bcc.ctc.edu).

COURSE SCHEDULE: I will distribute a tentative course schedule. Changes will be announced in class or by email/web. ***If you miss a class, it is your responsibility to find out from a classmate about any announcements and notes.***

TIPS FOR SUCCESS:

- ❖ **Do a little each day...** Keep up with the readings, and start assignments far in advance of their due date.
- ❖ **Take good notes during lecture...** Write more than just what is on the screen or board.
- ❖ **Recopy your notes each night...** This takes time, but it allows you to “process” the material and to identify anything that is unclear.
- ❖ **Ask questions...** And listen when other people ask them.
- ❖ **Be neat and organized...** It is almost impossible to do good scientific work if you are sloppy and disorganized.
- ❖ **Discuss the material with one or more classmates...** Being “fluent” is a sign you have mastered it.

PREPARATION & PARTICIPATION: I have confidence in your abilities. Prior knowledge of oceanography is not expected; curiosity, discussion, courtesy, and questions are. We will cover a lot of material this semester. I expect you to complete all assigned readings **before class**. I will not simply rephrase the information in the textbook. Be proactive and stay well ahead of the deadlines, and you will do better and enjoy the experience much more.

ATTENDANCE: It's easy to fall behind...and difficult to make up lost ground. Regular attendance at lecture and lab sessions is required for completion of this course. Plan your work schedule and any vacations so they do not require you to miss lecture or lab. If you will be absent, you will still need to turn in all assignments on time (or early), by the method specified for the whole class (e.g., if something is to be turned in on paper, it's your responsibility to get me a paper copy somehow).

CLASSROOM BEHAVIOR: I like to maintain a casual and friendly atmosphere in the classroom. You are expected to behave maturely and courteously toward me and toward your classmates. Please ask questions (within reason). Keep your cell phone and other electronic gadgets off during all course activities (lecture, lab, field trips, etc), unless you inform me in advance of an emergency situation (in which case please set your phone to "vibrate" mode). Laptops may only be used for notetaking, with my prior permission.

LAB & FIELD SAFETY: Act responsibly in lab and on field trips. Be careful of your own safety and that of your classmates and others, and take care with the equipment. Travel safely to off-campus locations to which we carpool; obey all traffic laws. No smoking during field trips. Cell phones are to be kept off except with my prior approval. Field trips will take place rain or shine; dress appropriately and come prepared for variable weather conditions.

STUDENTS WITH SPECIAL NEEDS: If you have emergency medical information, or if you need special arrangements in lab, on field trips, or in case the building must be evacuated, please see me immediately. If you need course adaptations or accommodations, please contact **Ivey West** as soon as possible. She is reachable at: Howarth 105, iwest@ups.edu, 879-3395.

GRADES:	3 exams (each 20%)	45 %	<i>Passing (D-): 60%</i>
	Labs and field trips	40 %	<i>Top grade (A): 95%</i>
	<u>Discussions & other assignments</u>	<u>15 %</u>	
	Total	100 %	

NOTE: Please keep all graded work I return to you during the semester until after final grades are distributed. *It is your only proof of graded material.*

On-Time Policy: All graded work must be submitted on time (or early). Exams cannot be made up except with my prior permission, for exceptional cause and with written documentation. Late work on other assignments will be accepted by the start of the next lecture period with 50% penalty; work submitted after that will not be accepted.

ASSIGNMENT SUBMISSION: Pay attention to the particulars of not only when assignments are due, but also how they should be submitted – Submissions in other formats will not be graded. **Ask me well ahead of an assignment's deadline if you need clarification.** Many assignments are to be turned in on paper at the start of class or end of lab; others must be emailed or sent via the web. In some situations, I might allow you to email me an assignment in advance, or drop it off with the GEOL secretary (**Kathy Samms**, Thompson 117-D / CMB 1048, ksamms@ups.edu, 879-3814). **NOTE:** Computers, disks, printers, and "life" are not always reliable, so leave yourself **plenty** of time for troubleshooting, and save backup copies in multiple locations. **I will not give extensions due to technical issues.** Please use:

- * Single-spaced typing with a reasonable-size font (10-12 point)
- * Small (0.50" to 0.75") margins all around
- * Double-sided printing (or print on the reverse side of plain 8.5"x11" scrap paper)
- * Your name, lab section (AA/AB), and the page number on every page.
- * Staples or binder-clips (*not* paper clips!)
- * No folders, no cover sheets, no big headers

PROFESSIONALISM: Good communication skills are as important in the sciences as they are in other disciplines. You have to be able to get across your ideas clearly and accurately. All work must be submitted in a neat, professional manner. Write well. Proofread all work carefully (with a spell-checker and with your own eyes). Some good guidance is at:

<http://www2.ups.edu/faculty/wkupinse/ENVR322CommonWritingProblems.htm>

<http://www2.ups.edu/faculty/wkupinse/ENVR322CitationGuidelines.htm>

EXAMS: There will be 3 exams during the semester, equally weighted. There is no final exam. Exams will be based on all information – lectures, guest lectures, readings from the book, handouts, videos, labs and field trips, discussions, in-class student presentations, etc. I will expect you to understand both the "big-picture" and specific material. The exams are meant to be diagnostic tools; a good score means that you are keeping up with the course material. No makeup exams without my prior permission. **I reserve the right to also give "pop quizzes".**

LABS & FIELD TRIPS: Information about our labs and field trips will be distributed in lab.

OTHER CLASS ASSIGNMENTS: These include (but are not limited to):

- ❖ **In-class discussions** – Students read assigned materials in advance, and discuss them with classmates in small groups or with entire class.
- ❖ **Current events** – Each student presents a brief summary of a current news article related to environmental science, and answers classmates' questions about it.
- ❖ **Case studies** – Students apply textbook concepts to "real-life" case studies.
- ❖ **Environmental footprint** – Students track their environmental impacts (water, food, waste, carbon emissions, etc.) for at least one month, analyze their data, and propose ways they can "live more lightly on the land".
- ❖ **Day of service** – Each student volunteers at least one day (4+ hours in the field) for a local non-profit and presents a reflection essay about the experience. **NOTE:** Staff generally work "regular work hours" and need to plan their time **far** in advance; be considerate of their needs and preferences.

EXTRA CREDIT: As a way encourage you to organize the concepts and terminology, I will give extra credit for textbook chapter outlines you write and turn in before we cover them in class (up to 2% of the course grade, if done very well). If other local opportunities arise, I will offer extra credit for participating and presenting a summary and analysis of the event. The total maximum extra credit you may receive for the course is 3%. **Extra credit will not be accepted after Friday, December 5 (week 14).**

HONOR POLICY: You are expected to conduct yourself with integrity. If you cheat*, or aid someone else in cheating, you violate a trust. If you cheat, the following actions will be taken:

- 1.** All parties will receive a grade of "0" on the work (exam, assignment, etc.) where the cheating occurred. This grade cannot be dropped or replaced.
- 2.** A report of the incident will be sent to the Dean of Students. They may file the report in your permanent record and/or take further disciplinary action such as suspension or expulsion from the university. Please review the policies and protocols set forth in the current issue of *The Logger*.

** Cheating includes, but is not limited to, plagiarizing, copying (or allowing copying of) answers on exams or assignments, glancing at nearby papers, swapping papers, stealing, and illicitly giving or receiving help on exams or assignments. **You must do your own work, and you must cite all of your sources.***

The mission of the University of Puget Sound is to develop in its students capacities for critical analysis, aesthetic appreciation, sound judgment, and apt expression that will sustain a lifetime of intellectual curiosity, active inquiry, and reasoned independence. A Puget Sound education, both academic and co-curricular, encourages a rich knowledge of self and others, an appreciation of commonality and difference, the full, open, and civil discussion of ideas, thoughtful moral discourse, and the integration of learning, preparing the University's graduates to meet the highest tests of democratic citizenship. Such an education seeks to liberate each person's fullest intellectual and human potential to assist in the unfolding of creative and useful lives. **To these ends,** the faculty has selected the following goals to emphasize in the undergraduate curriculum:

1. the ability to think logically, analytically, and independently;
2. the ability to communicate clearly and effectively, both orally and in writing;
3. the ability to learn on one's own;
4. breadth of learning in the form of familiarity with a variety of academic fields and potential interests;
5. depth of knowledge in a single field in order to know a sense of the power that comes with learning;
6. an understanding of the interrelationships among the various fields of knowledge and the significance of one discipline for another;
7. an acknowledged set of personal values; and
8. informed appreciation of self and others as part of a broader humanity in the world environment.