

**GEOGRAPHY 403**  
**H(2-2) Area III**

**Physical Oceanography and Climatic Variability**

**Timetable:** See current Infonet information at: <http://www.ucalgary.ca/InfoNet/>      **Catalogue #:** See current information on Infonet

**Instructor:** John Yackel

**Official Course Description:**

Oceanic circulation and air-ocean interactions as controls of climate. Wave and current dynamics. Role of sea-ice in energy transfers. Climatic variability in historic time and the instrument period.

**Prerequisite:**

Geography 305 or consent of the Department

**Supplementary Fees:** (*field trips etc*). N/A.

**Text(s)/Readings:**

Garrison, Tom. 2005 (5<sup>th</sup> Edition). Oceanography – An Invitation to Marine Science Brooks/Cole, Thomson Learning.

**Grading (Weighting):**

- |   |   |     |
|---|---|-----|
| • <i>Mid-term test</i>                  | = | 20% |
| • <i>Term Paper</i>                     | = | 20% |
| • <i>2 Lab Assignments (10% each)</i>   | = | 20% |
| • <i>Registrar Scheduled Final Exam</i> | = | 40% |

**Grading System:**

96-100 A+	77-80 B	59-61 C-
90-95 A	71-76 B-	55-58 D+
86-89 A-	65-70 C+	50-54 D
81-85 B+	62-64 C	0-49 F

**For additional detailed course information posted by the Instructor see Blackboard at:**  
<http://blackboard.ucalgary.ca/>

### **Plagiarism**

Academic dishonesty is not an acceptable activity at the University of Calgary and students are **strongly advised** to read the Student Misconduct section in the University Calendar. Quite often, students are unaware of what constitutes academic dishonesty or plagiarism. The most common are 1) presenting another student's work as your own 2) presenting an author's work or ideas as your own without proper referencing and 3) using work completed for another course. This activity will not be tolerated in this course and students conducting themselves in this manner will be dealt with according to the procedures outlined in the calendar.

### **Re: Posting of Grades and Picking-up of Assignments**

- Assignments will be handed back only in class or by the Professor at pre-arranged time(s).
- To receive your assignment back via mail, please include an appropriately sized self-addressed, stamped envelope with your assignment when handing in to the professor.
- Posting of grades will be at the discretion of each Professor and, if posted, they will be scrambled. Grades will **not** be available at Geography's main office.

### **Contact Information for Student and Faculty Representation**

- SU VP Academic Phone: 220-3911 and e-mail: [suvpaca@ucalgary.ca](mailto:suvpaca@ucalgary.ca)
- SU Faculty Rep. Phone: 220-3913 and e-mail: [socialscirep@su.ucalgary.ca](mailto:socialscirep@su.ucalgary.ca)

### **Campus Safewalk**

Campus Security, in partnership with the Students' Union, provides the Safewalk service, 24 hours a day, to any location on Campus including the LRT, parking lots, bus zones and University residences. Contact Campus Security at 220-5333 or use a help phone, and Safewalkers or a Campus Security officer will accompany you to your Campus destination.