

University of Alberta

EAS-270: The Atmosphere A1 - Fall 2008

Instructor: Alice Aihong Ou

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Office Hours: Please send an email to set up an appointment. I will make sure to be here when you need me. Best times will be Mon, Wed, and Fri from 2:30 to 4:30 pm.

Teaching Assistant: Tamara Janes (office: Tory 2-104)

Lecture Room & Time: BS M 145, MWF 13:00 – 13:50

Course Description: An introduction to weather and climate. Atmospheric composition, temperature, humidity, wind, clouds; air masses, fronts, storms; weather forecasting. Weather map discussions.

Course Prerequisites: Any 100-level Mathematics, Physics or Chemistry course, or EAS 100 or 102.

Recommended Textbook: "Understanding Weather and Climate" by E. Aguado & J.E. Burt, 4th edition. Note: This is not a required textbook. It is nice to have as a reference.

Other Learning Resources: I will place my lectures and additional material on WebCT and will provide a number of relevant WEB sites during the lectures.

Grade Evaluation:

- 2 Assignments that will count for a total of 40% of the final mark (20% each).
- 1 Mid-term multi-choice examination, in class 50 mins on the 20th of October 2008 (25% of the final mark).
- Final exam, 14:00 on the 16th of December 2008 (35% of the final mark), Room TBA.

Final grades at the end of the course will be assigned using a combination of absolute achievement and relative standing in the class, and will remain unofficial until approval by the Departmental Chair. The grades will be scaled following the University recommended distribution of grades. Students can access to representative evaluative material of the previous years through the course WebCT.

Missed Term Work:

There is no option to negotiate an altered date or time for the term work (assignments and exams). A student who cannot write the mid-term examination because of an incapacitating illness, severe domestic affliction or other compelling reasons can apply for transfer of the associated grade-weight to the final examination. In such a case application for transfer of credit must be made within 48 h of the missed exam or assignment due date and must be supported by a completed University of Alberta Medical Statement Form or other appropriate documentation

(Calendar section 23.4[3]). Deferral of term work is a privilege and not a right; there is no guarantee that a deferral will be granted. Misrepresentation of Facts to gain a deferral is a serious breach of the *Code of Student Behavior*.

Deferred Final Examination:

A student who cannot write the final examination because of an incapacitating illness or is suffering from severe domestic affliction or other compelling reasons can apply for a deferred final examination. Such an application must be made to the student's Faculty office within 48 hours of the missed examination and must be supported by a completed University of Alberta Medical Statement Form or other appropriate documentation (Calendar section 23.5.6). Deferred examinations are a privilege and not a right; there is no guarantee that a deferred examination will be granted. Misrepresentation of Facts to gain a deferred examination is a serious breach of the *Code of Student Behaviour*. Deferred exam will be written in the first week of February 2009 (Date & Time TBA).

Reexamination:

A student who writes the final examination and fails the course may apply for a reexamination. Reexaminations are rarely granted in the Faculty of Science. These exams are governed by University (Calendar section 23.5.5) and Faculty of Science Regulations (Calendar section 182.5.9). Misrepresentation of Facts to gain a reexamination is a serious breach of the *Code of Student Behaviour*.

Student Responsibilities:

Academic Integrity: The University of Alberta is committed to the highest standards of academic integrity and honesty. Students are expected to be familiar with these standards regarding academic honesty and to uphold the policies of the University in this respect. Students are particularly urged to familiarize themselves with the provisions of the *Code of Student Behaviour* (online at www.ualberta.ca/secretariat/appeals.htm) and avoid any behaviour which could potentially result in suspicions of cheating, plagiarism, misrepresentation of facts and/or participation in an offence. Academic dishonesty is a serious offence and can result in suspension or expulsion from the University (GFC 29 SEP 2003). Anyone who engages in these practices will receive at minimum a grade of zero for the exam or paper in question and no opportunity will be given to replace the grade or redistribute the weights. Any offense will be reported to the Senior Associate Dean of Science who will determine the disciplinary action to be taken. Typical sanctions for serious violations of the Code have included disciplinary grade reductions, disciplinary failing grades, suspension or permanent expulsion from the University.

Exams: Your student photo I.D. is required at exams to verify your identity. Students will not be allowed to begin an examination after it has been in progress for 30 minutes. Students must remain in the exam room for at least 30 minutes from the time the exam commenced. Electronic equipment other than calculators is not to be brought to exam and hats should not be worn.

Cell Phones: Cell phones are to be turned off during lectures/seminars, and are **not** to be brought to exams.

Specialized Support and Disability Services:

Students who require accommodations in this course due to a disability affecting mobility, vision, hearing, learning, or mental or physical health are advised to discuss their needs with Specialized Support and Disability Services, 2-800 Students' Union Building, 492-3381 (phone) or 492-7269 (TTY). Please ensure that the required forms for exams are submitted to the instructor several days before the date of the midterm or final.

GFC Policy on Course Outline

Policy about course outlines can be found in Section 23.4(2) of the University Calendar (GFC 29 SEP 2003).