

ATMS/LSIC 379**MOUNTAIN WEATHER****Fall 2008**

- DESCRIPTION:** Mountain Weather is the subject of learning, and the learning processes include writing, synthesis, understanding, research, and presentation. This course is both writing intensive and information literacy intensive.
- INSTRUCTOR:** **Dr. Huo-Jin (Alex) Huang**, RBH 236B, Dept. of Atmospheric Sciences, UNCA
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Office Hours: Monday Wednesday 11:45-12:15 pm;
Tuesday, Thursday 10:45-11:30 am, 1-1:30 pm.
(Or by appointment, but walk-in is always welcome)
- TEXT:** **ATMS/LSIC 379 Supplementary Materials** (2008), compiled by Huang.
- REFERENCES:** **Mountain Meteorology (2000), and Mountain Weather and Climate (2008).**
- SCHEDULE:** 10:25 – 11:40 pm, Monday and Wednesday, RBH 238.
- EXAMS:** Mid-term Essay exam: 10/8/2008; Final Exam: 8-10:30 am, Monday, 12/15/2008.
- GRADING:** **Assignments (20%), Mid-term Essay exam (20%), one written project (20%), one presentation (10%), class participation (10%), and the final exam (20%)**
- RADE SCALE (100%):** A ≥ 93: A-: 92.5-90; B+: 89.5-87; B: 86.5-83; B-: 82.5-80;
C+: 79.5-77; C: 76.5-73; C-: 72.5-70; D+: 69.5-67; D: 66.5-60 F: ≤ 59.5.

SPECIAL REMARKS: Class attendance is mandatory. You are solely responsible for the consequences due to your absence. No late essays or projects will be accepted. Exception may be granted for uncontrollable circumstances and medical reasons. You have to consult with the instructor at your earliest convenience for exceptions. A significant reduction of your score on your late assignments may be applied. Academic honesty is expected and enforced.

****Respect & Responsibility**** Your determination and desire to learn is respected and appreciated.

NOTE: This syllabus is subject to any reasonable modifications by the instructor with the consent of students.

ATMS 379 COURSE OUTLINE (28 Lecture Periods)

WEEK	DATES	SUBJECT	Chapter
1	8/20	Introduction	1
2	8/25	Global Mountains	2
2	8/27	Weather Elements	3
3	9/1	Labor Day, NO CLASS	
3, 4	9/3, 9/8, 9/10	Weather Elements	3
4	9/15	Writing Tools	
5	9/17	Instructor attending a conference, NO CLASS	
5	9/22	Presentation Tools	
6	9/24, 9/29	Mountain Weather	4
7	10/1, 10/6	Review for Essay Exam	
8	10/8	Mid-Term Essay Exam	
8, 9	10/11-10/14	Fall Break	
9, 10	10/15, 10/20, 10/22	Mountain Weather	4
11	10/27, 10/29	Local Winds	5
11, 12	11/3, 11/5	Student Presentations	
12, 13	11/10, 11/12	Northwesterly Flow Snow (NWFS)	6
13, 14	11/17, 11/19	Cold Air Damming (CAD)	7
14	11/24	Climate Change	
15	11/26-11/30	Thanksgiving Holidays	
15, 16	12/1, 12/3	Climate Change	
16	12/8	Review for Final Exam	
16	12/9	Reading day, NO CLASS	
17	12/15	Final Exam, 8-10:30 am, Monday	