
GEOG 305, WEATHER AND CLIMATE

FALL 2003

Catalogue #3728

Timetable:	Lec 01	TR	16:00	EDC 179
	Lab 01	M	08:00	SS 018 or Weather Station
	Lab 02	W	12:00	SS 018 or Weather Station
	Lab 03	F	08:00	SS 018 or Weather Station
	Lab 04	F	11:00	SS 018 or Weather Station

Instructor:	Shawn Marshall	TA:	Steven Howell
Office:	Earth Science 404	Office:	ES ES 410
Office Hours:	Tuesday 14:00-15:00 Weds 15:00-17:00		
Telephone:	220-4884		
E-Mail:	shawn. marshall@ucalgary.ca		

If you cannot make office hours, feel free to email or telephone to make an appointment.

Text: *Meteorology Today: An Introduction to Weather, Climate, and the Environment*.
7th Edition (2003), C. D. Ahrens, Brooks/Cole Publishing, Pacific Grove, CA.

Lab Manual: Will be available in class during the first two weeks, at a cost of \$5.00 (cost recovery for lab materials).

SUPPLEMENTAL REFERENCES

Understanding Weather and Climate, 2nd Edition (1999), E. Aguado and J.E. Burt, Prentice Hall, Upper Saddle River, New Jersey.

Meteorology and the Science of Weather (1994), J.M. Moran and M.D. Morgan.

The Weather Book, USA Today, 2nd Edition (1995), J. Williams, Vintage Books, New York.

Surface Climates of Canada (1992), W.G. Bailey, T.R. Oke and W.R. Rouse, McGill-Queen's University Press, Montreal.

Quantitative or More Advanced Sources

Mountain Weather and Climate, 2nd Edition (1992), R.G. Barry, Routledge, London.

Boundary Layer Climates, 2nd Edition (1995), T.R. Oke, Routledge, London.

COURSE EVALUATION

Grade Summary:	Labs (five)	- 25 %
	Quizzes (five)	- 14 %
	Term Paper	- 10 %
	Midterm Exam	- 15 %
	Final Exam	- 36 % (scheduled by the Registrar)

Labs: A series of five labs will be held, commencing in week two. All labs will have equal weight (5%). A written assignment is required from each lab, due at the beginning of your next lab period. Lab exercises will be a blend of computer-based data analysis, desktop analysis of weather charts, and home/web-based assignments.

Quizzes: There will be five *very* brief (10-15 minute) quizzes in class, based directly on lecture material and reading assignments. If you keep up with your weekly reading, these will be straightforward. Quizzes are worth 3.5% each, and I will take your best 4 of 5 results. All quizzes will be closed book.

Term Paper: Individual papers are to be written on a meteorological subject of your choice. These are to be brief (4 page) syntheses that explore a topic beyond the depth that is possible in our always too-limited class time.

Midterm Exam: To be held in class, 60 minutes, covering all material to date. Closed book.

Final Exam: To be booked by the registrar. Closed book.

Grading Scheme:	A+ > 92%	A 85-92%	A- 82-85%
	B+ 79-82%	B 75-79%	B- 72-75%
	C+ 69-72%	C 65-69%	C- 60-65%
	D+ 55-60%	D 50-55%	F < 50%

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).
- If you would like to receive your assignment through the mail, please include an appropriately sized self-addressed, stamped envelope with your assignment when you hand it in to the professor.
- Posting of grades will be at the discretion of each Professor and, if posted, they will be scrambled. Please note, grades will not be available in the Geography office.