



GEOGRAPHY 333U

# WEATHER

12:45-13:50 MWF Cramer Hall 401

INSTRUCTOR: DR. ANDREW G. FOUNTAIN

PHONE: 725-3386

WEB PAGE: [www.glaciers.pdx.edu/fountain/](http://www.glaciers.pdx.edu/fountain/)

Text: Essentials of Meteorology 6<sup>th</sup> Ed- C.D. Ahrens

## Class Schedule

Week	Date	Topic	Chapters
Week 1	Sept 26	The Atmosphere	1 & 2
Week 2	Oct 3	Condensation/Clouds	4
Week 3	Oct 10	Clouds/Precipitation	5
Week 4	Oct 17	Thunderstorms/Tornadoes	10
Week 5	Oct 24	Hurricanes	11
Week 6	Oct 31	Air Pressure and Winds	6
Week 7	Nov 7	Atmospheric Circulation	7
Week 8	Nov 14	Air Masses	8
Week 9	Nov 21	Weather Forecasting	9
Week 10	Nov 28	Optics & Climate	15/12

Holidays: Nov 11, 24-25

Final Exam: Monday Dec 5, 1230-1420

Grading will be based on several quizzes, a mid-term exam at the end of October, and a final exam in December. We will have several homework sets, a term paper, and a brief presentation.

The goal of the class is to understand the science of weather (meteorology) and the physical basis for atmospheric processes.