

GEOG 2630 - Weather

Summer 2026 Syllabus, Section 01, CRN 30019,

Credit hours: 3

Instructor

Peter Kimosop

Professional Qualifications:

Ph. D., Geography, University of Cincinnati, 2011

Master's, Geography, Western Michigan University, 2005

Bachelor's, Geography, University of Nairobi, 2000

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Course Description

2630. Weather. An examination of basic weather elements, their interrelationships and the natural laws that govern them. Focus is on both global scale atmospheric processes and localized factors that influence weather conditions and patterns. 3 s.h.

Course Readings

Group	Title	Author	ISBN
Required	The Atmosphere: An Introduction to Meteorology	Lutgens, Tarbuck, and Herman	978-0134758589

The course readings are subject to change in the event of extenuating circumstances, research developments, current events, and/or to ensure better learning.

Schedule of Topics and Assignments

Week of	Reading(s)	Proposed Topic	Due/To Prepare for Class
5/11	Chapter 1	Introduction to the Atmosphere	Quiz 1 Module Assignment 1
5/18	Chapter 2 & 3	Earth's Energy Balance and Temperature	Quiz 2 Module Assignment 2
5/25	Chapter 4 & 5	Atmospheric Stability, and Precipitation	Quiz 3 Module Assignment 3
6/1	Chapter 6 & 7	Air Pressure, Winds, and Atmospheric Circulation	Quiz 4 Module Assignment 4
6/8	Chapter 8 & 9	Air Masses and Midlatitude Cyclones	Quiz 5 Module Assignment 5
6/15	Chapter 10 & 11	Thunderstorms, Tornadoes, and Hurricanes	Quiz 6 Module Assignment 6
6/22	Chapter 12	Weather Analysis and Forecasting	Quiz 7 Module Assignment 7

The course schedule, policies, procedures, and assignments in this course are subject to change in the event of extenuating circumstances, by mutual agreement, and/or to ensure better learning.