

Name of School:

Name of Course: Meteorology

Instructor Information

Name:
E-mail address:
School phone number:
Web page address:
Best times to be reached:

Course Description

This one-term course introduces many aspects of meteorology including the mechanics of weather, the chemistry of weather, the impact of weather, and forecasting. It helps students understand the fast-moving world of meteorology and allows them to look far beyond the basic TV news descriptions and to develop the ability to forecast the weather using very simple techniques.

District Standards and Power Benchmarks

Standard 1: Understands and applies the principles of scientific inquiry

- Benchmark A: Formulates and revises scientific explanations and models
- Benchmark B: Understands how scientific knowledge changes with new evidence
- Benchmark C: Uses technology and mathematics to perform accurate scientific investigations and communications
- Benchmark D: Demonstrates safe handling procedures

Standard 2: Understands and applies the principles of earth science

Course Information

Meteorology is a one-term course with the pre-requisite of Weather, Climate, and Space and Algebraic Principles. One-half unit of credit will be earned for the completion of this course.

Course Outline/Calendar

Text/Other Required Materials/Resources

Lutgens, F.K.; Tarbuck, E.J. (2001). *The Atmosphere: An Introduction To Meteorology*. New York, NY: Prentice Hall.

Instructional Procedures & Support

Classroom Management Procedures

Assessment Plan

The students are assessed on a point system. In addition to classwork, labs, tests and quizzes, the students are assessed on: district performance-based assessments and a Spreadsheet Integration Project.

Grading System

90 – 100	A
80 – 89	B
70 – 79	C
60 – 69	D
0 – 59	F