

Weather Studies

WE101 Introduction to Weather Studies

Cr-4

This course introduces the science of weather while highlighting the important concepts of that science. It provides the opportunity to work with current weather data and graphic products which have been specifically designed for the course by atmospheric scientists and educators at the American Meteorological Society. Fundamental scientific principles are studied through their application to everyday weather events. Meteorology and the dynamic atmosphere are observed by following weather as it happens, in near real-time and/or by using recent real-world data and case studies. There is an emphasis on using the analysis and decision-making skills employed by meteorologists to diagnose weather patterns, understand air motions, and predict future atmospheric conditions. Prerequisite: Appropriate high school GPA or placement test score or MA089 Arithmetic.