SYLLABUS

COURSE # AND TITLE:
AVIA-266 Meteorology for Pilots

 # OF CREDITS
3 Credit hours

CATALOG DESCRIPTION:
A basic study of meteorology which includes the earths atmosphere and the elements that effect it., air mass and air mass modification, in-flight weather hazards, aviation weather reports, and weather forecasts will be offered.

LEARNING OBJECTIVES:

1. To gain an understanding of basic weather theory, weather patterns, and weather hazards. Course will place emphasis on weather reports, forecasts, and charts pertinent to aviation.
2. At the completion of the course, students will be able to apply meteorological knowledge to determine the safety of a flight.

EXPECTED LEARNING OUTCOMES:
Upon successful completion of this course the student will possess the ability to:

1. Explain the makeup of the earths atmosphere
2. Be able to read ,explain and decipher METAR's and TAF's
3. Obtain current weather reports and make a competent go/no go decision.
4. Assist in passing the FAA Private pilot, & Instrument written exam
5. Explain and understand basic weather theory, weather patterns, and weather hazards

This syllabus developed by: Gerry Klucar date: November 6, 2006

This syllabus reviewed by:_____date.