

APT A133: AVIATION-METEOROLOGY

Item	Value
Top Code	302020 - Piloting
Units	3 Total Units
Hours	54 Total Hours (Lecture Hours 54)
Total Outside of Class Hours	0
Course Credit Status	Credit: Degree Applicable (D)
Material Fee	No
Basic Skills	Not Basic Skills (N)
Repeatable	No
Grading Policy	Standard Letter (S)

Course Description

Entry level course for commercial pilot training program. This course will cover the forces which generate and affect weather, weather systems, aviation weather services and cross country weather planning procedures. The course will also provide detailed material on aviation weather hazards and aviation meteorological reports. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. Describe the forces which create and affect weather.
2. Read and interpret aviation weather reports.
3. Identify and explain the principle weather related hazards to aviation.

Course Objectives

- 1. Identify and define weather patterns.
- 2. Interpret weather reports and forecasts.
- 3. Interpret weather maps.
- 4. Identify weather conditions which may be hazardous to flying.
- 5. Develop a definite awareness of safety (decisions and procedures).
- 6. Name and define weather terms.
- 7. Define and discuss the earths atmosphere.
- 8. Identify the various sources of weather information.
- 9. Differentiate between tropical and arctic weather.
- 10. Develop a big picture of all facets of the weather.

Method(s) of Instruction

- Lecture (02)
- DE Live Online Lecture (02S)
- DE Online Lecture (02X)