

APT A115: INTRODUCTION TO FLIGHT OPERATIONS

Item	Value
Top Code	302010 - Aviation and Airport Management
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

This course provides an introduction to airline and corporate flight operations and operations management to include the economic structure of the airlines, airline organization and management, forecasting, scheduling, marketing and fleet selection. In addition, corporate flight operations and the impact of general aviation on the nation's air transportation system are explored. The course also introduces the student to the world of flight operations management to include dispatch, crew scheduling, airframe scheduling and flight following. Transfer Credit: CSU.

Course Level Student Learning Outcome(s)

1. List the economic characteristics of an oligopoly and how these factors influence air carrier management planning.
2. Explain airline and non-scheduled air carrier scheduling and operational control.
3. List the functions of a fixed base operation.

Course Objectives

- 1. Define major, national and regional airline.
- 2. List the economic characteristics of an oligopoly and how these characteristics apply to airlines.
- 3. List the principles of air carrier scheduling.
- 4. Explain the principles behind airline fare structures.
- 5. Explain the fleet planning process.
- 6. Explain the function of Fixed Based Operators in the air transportation system.
- 7. Explain the differences between scheduled and non-scheduled fleet planning, scheduling, and operational control.

Method(s) of Instruction

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