

# SYLLABUS

## **COURSE # AND TITLE:**

AVIA 135 - Airline Operations

## **# OF CREDITS**

3 Credit Hours

## **CATALOG DESCRIPTION:**

This course acquaints with the development and operation factors of airlines since passage of the Airline Deregulation Act of 1978. The course includes a study of the scope and functions of a major air carrier's organizational structure and the specific relationships of the operations department. Topics will include flight operations, operating specifications, types of services provided, domiciles, training, labor relations, communications, and pertinent FAR's. Crew resource management concepts of communication processes, problem solving, group dynamic, work load management, and situational awareness will be stressed. Emphasis will be placed on Mesa Airlines operations and procedures.

## **LEARNING OBJECTIVES:**

1. This course will provide a basic understanding of the airline industry. Focus will be placed on basic management functions and organization, as well as the structure and economics of the airlines, both domestic and international. Additional topics, including Crew Resource Management, Mesa Airlines policies and operations, will be discussed. Instructor will assign projects and facilitate class discussions to help students gain additional knowledge for future employment in aviation. Each semester the instructor may bring in guest speaker(s) from the airline industry to give students first hand knowledge of industry changes and trends.
2. Introduce aviation history and the evolution of commercial flying as we know it today

## **EXPECTED LEARNING OUTCOMES:**

**Upon successful completion of this course the student will possess the ability to:**

1. Explain the operating budget of an airline
2. Develop and present a specific airline by explaining the size of the company, market share, Routes or geographic regions, number of employees, pilots and type of aircraft in the fleet, salary and compensation, Financial stability, profitability, History, balance sheet.
3. Explain the various air mail acts
4. Explain and understand the future trends of the airline
5. Explain and understand international aviation

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

This syllabus reviewed by: \_\_\_\_\_ date: \_\_\_\_\_.