

FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: AVM 1010

COURSE TITLE: Aviation Management

PREREQUISITE(S): None

COREQUISITE(S): None

CREDIT HOURS: 3

CONTACT HOURS/WEEK: 3

CONTACT HOUR BREAKDOWN:

Lecture/Discussion: 3

Laboratory:

Other _____:

FACULTY WORKLOAD POINTS: 3

STANDARDIZED CLASS SIZE ALLOCATION: 30

CATALOG COURSE DESCRIPTION:

This course is a study of the administrative problems of aviation. Financing, personnel recruitment and training, industrial relations, scheduling, governmental regulations, equipment, and other problems peculiar to air carriers and flight are some of the topics covered in this course. Upon successful completion of this course the student will be able to describe the rewards and problems associated with operating an aviation related business.

SUGGESTED TEXT(S): Air Transportation: A Management Perspective, Latest Edition, 2004, Wells, Alexander T., Brooks Cole Publishing, ISBN: 0534393845

IMPLEMENTATION DATE: Summer Term, 2007 (20073)

REVIEW OR MODIFICATION DATE: Fall Term, 2008 (20091) - Outline Review 2007

COURSE TOPICS	CONTACT HOURS <u>PER TOPIC</u>
I. Aviation: An Overview.	3
II. Historical Perspective.	2
III. Air Transportation: Regulators and Associations.	2
IV. The General Aviation Industry.	2
V. The Airline Industry.	2
VI. Economic Characteristics of the Airlines.	3
VII. Airline Management and Organization.	3
VIII. Forecasting Methods.	3
IX. Airline Passenger Marketing.	2
X. Airline Pricing, Demand, and Output Determination.	3
XI. Air Cargo.	3
XV. Airline Financing.	2
XVI. International Aviation.	3
XVII. Examinations	3
Total	45

PROGRAM TITLE: Aviation Operations

COURSE TITLE: Aviation Management

CIP NUMBER: 1649.010400

LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S): TITLES(S):

- 04.0 DEMONSTRATE UNDERSTANDING OF FEDERAL AVIATION ADMINISTRATION, STATE AND OTHER GOVERNMENTALLAWS, RULES AND POLICIES - The student will be able to:
- 04.01 Describe the economic, social and political importance of commercial aviation, general aviation and aircraft manufacturing in the united States.
 - 04.02 Describe the function, basic organization and responsibility of the National Transportation Safety Board.
 - 04.03 Explain major portions of Parts 1, 61, 67, 77, 91, 108 and 139 of the Federal Aviation Regulations and the reporting requirements of NTSB 830.
 - 04.04 List and describe the federal statutes pertaining to the economic regulation of the airline industry.
- 07.0 DEMONSTRATE UNDERSTANDING OF AVIATION SAFETY, ACCIDENT PREVENTION AND INVESTIGATION - The student will be able to:
- 07.01 Describe and explain the complete regulation that is currently exercised by the Federal government in the field of safety and investigation.
 - 07.02 State and discuss the portion of the Federal Aviation Act of 1958 as amended, which is generally described as Title VI, Safety Regulations of Civil Aeronautics.
- 10.0 MAINTAIN PERSONNEL RECORDS AND BUDGETS - The student will be able to:
- 10.01 State the scope of section procedures.
 - 10.02 Describe the nature of the information gather about candidates.
 - 10.03 Explain the process of interpreting the findings and making of decisions.
 - 10.04 Understand the need for keeping accurate reports and records for candidates rejected, and candidates accepted.
 - 10.05 State the objectives of the personnel program as related to the overall objectives of the company, whether the company provides a service or a product.
 - 10.06 Discuss the specific statistical goals sought and tasks to be undertaken by the personnel department, such as the number of people to be hired, types of personnel, grievance or bargaining sessions, anticipated worker accidents or illnesses.
 - 10.07 Calculate the staff necessary to attain goals; and equipment and resources they will require.
 - 10.08 Explain how the requirements to attain the stated company goals will necessitate the allocation of the stated budget in order to implement the requisite program.

LIST PERFORMANCE STANDARD ADDRESSED: (cont.)

NUMBER(S): TITLES(S):

11.0 EVALUATE FACILITY MAINTENANCE PROBLEMS AND PRESCRIBE CORRECTIVE ACTION - The student will be able to:

- 11.01 Describe and explain the complete regulation that is currently exercised by the Federal government in the field of safety, and maintenance.
- 11.02 Demonstrate knowledge of the minimum standard for work practices including methods and procedures as required by Section 601 (a) of the Federal Aviation Act of 1958.
- 11.03 Explain the Federal Aviation regulations (FAR's) promulgated by the Administrator to implement the authority granted by the Federal Aviation Act of 1958.
- 11.04 State the procedures and practices in conformity with the FAR's when FAA inspectors review the company practices.

PROGRAM TITLE: Professional Pilot Technology

COURSE TITLE: Aviation Management

CIP NUMBER: 1649.010200

LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S): TITLES(S):

09.0 DEMONSTRATE EFFECTIVE COMMUNICATION SKILLS - The student will be able to:

- 09.02 Read and understand graphs, charts, diagrams, and tables commonly used in this industry/occupation area.
- 09.05 Read critically by recognizing assumptions and implications and by evaluating ideas.
- 09.08 Demonstrate interpersonal skills.

10.0 DEMONSTRATE ANALYTICAL SKILLS - The student will be able to:

- 10.03 Demonstrate an understanding of federal, state and local taxes and their computation.

12.0 DEMONSTRATE EMPLOYABILITY SKILLS - The student will be able to:

- 12.01 Conduct a job search.
- 12.02 Secure information about a job.
- 12.03 Identify documents which may be required when applying for a job interview.
- 12.04 Complete a job application form correctly.
- 12.05 Demonstrate competence in job interview techniques.
- 12.06 Identify or demonstrate appropriate responses to criticism from employer, supervisor or other employees.
- 12.07 Identify acceptable work habits.
- 12.08 Demonstrate knowledge of how to make appropriate job changes.
- 12.09 Demonstrate acceptable employee health habits.
- 12.10 Demonstrate knowledge of the "Florida Right-To Know Law" as recorded in Florida Statutes Chapter 442.

14.0 EXPLAIN BUSINESS ECONOMIC FUNDAMENTALS - The student will be able to:

- 14.02 Explain a mission profile.
- 14.03 Determine personnel requirements.
- 14.04 Determine flight crew schedule requirements.
- 14.05 Demonstrate an understanding of logistical support requirements.
- 14.06 Demonstrate ability to select appropriate aircraft.
- 14.07 Demonstrate understanding of customer relation principles.



NOTE: Use either the Tab key or mouse click to move from field to field. The box will expand to accommodate your entry.

<i>Section 1</i>	
COURSE PREFIX AND NUMBER: <u>AVM 1010</u>	SEMESTER CREDIT HOURS: <u>3</u>
COURSE TITLE: <u>Aviation Management</u>	

Section 2

TYPE OF COURSE: (Click on the box to check all that apply)

AA Elective AS Required Professional Course College Prep
 AS Professional Elective AAS Required Professional Course Technical Certificate
 Other _____
 General Education: (For General Education courses, you must also complete Section 3 and Section 7)

Section 3 (If applicable)

INDICATE BELOW THE DISCIPLINE AREA FOR GENERAL EDUCATION COURSES:

Communication Social & Behavioral Sciences Mathematics
 Natural Sciences Humanities

Section 4

INTELLECTUAL COMPETENCIES:

Reading Speaking Critical Analysis Quantitative Skills Scientific Method of Inquiry
 Writing Listening Information Literacy Ethical Judgment Working Collaboratively

<i>Section 5</i>	
LEARNING OUTCOMES	METHOD OF ASSESSMENT
• Explain the historical development of the aviation Industry in the United States.	Written testing
• Discuss the economic role of airlines and their effect locally, regionally, and nationally.	Written testing
• Explain the changes and trends in air cargo and the need for additional air cargo facilities.	Written testing
• Demonstrate the ability to communicate skillfully.	Group project or individual term paper
• Describe current marketing trends affecting aviation.	Local field trip to area airports or in-class guest speakers
• Describe the effects that bankruptcies have made within the aviation industry and aviation labor markets.	Written testing
• Discuss the role of labor relations and personnel policies	Written testing
• Discuss the challenges of the aviation business financing	Written testing
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Section 6

Name of Person Completing This Form: David Dagenais