

FLORIDA STATE COLLEGE AT JACKSONVILLE

COLLEGE CREDIT COURSE OUTLINE

COURSE NUMBER: AVM 1440

COURSE TITLE: Aviation and Airport Security

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 an introduction and analysis of the regulations and laws governing airport and airline security, including an in-depth look at Transportation Security Regulations (formally Federal Aviation Regulations (FARS) 107,108,121,129, And 191). Topics of discussion include; a historical perspective and events that have led to the evolution of aviation security, preventive measures, and current trends in security. An introduction to terrorist activities, motives, weapons of mass destruction, and counter- measures at threats to aviation.

SUGGESTED TEXT(S): Aviation and Airport Security: Terrorism and Safety Concerns. Sweet, Kathleen M.: Prentice Hall. 2004: ISBN: 0-13-112289-4

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. The Aviation Industry: A National Security Asset	3
II. The Historical Hijacking Threat and Governmental Response	3
III. More International Solutions and Reactions	3
IV. Growth and Change	2
V. Terrorism—The Roots Remain	3
VI. Law Enforcement and Intelligence Agencies	3
VII. Screening-The Last Line of Defense	2
VIII. Private Security Personnel	2
IX. Trace Detection Devices	2
X. Cargo Security	2
XI. Security and Rules of Law	2
XII. Foreign Airport Security	3
XIII. New Technology	3
XIV. Airport Operator Concern	3
XV. Access Controls	3
XVI. Examinations	6
Total	45

PROGRAM TITLE: Aviation Operations

COURSE TITLE: Aviation and Airport Security

CIP NUMBER: 1649.010400

LIST PERFORMANCE STANDARD ADDRESSED:

NUMBER(S): TITLES(S):

- 02.0 DEMONSTRATE UNDERSTANDING OF FEDERAL AND STATE SECURITY PROCEDURES - The student will be able to:
- 02.01 Describe passenger security systems in use.
 - 02.02 Describe and define federal security laws.
 - 02.03 Identify local law enforcement agencies.
 - 02.04 List known security risk features.
 - 02.05 Describe cargo theft precautions in use at facility.
 - 02.06 Describe the International Air Transport Association.
 - 02.07 List the more common labels found in the Restricted Articles Regulations: as published in bulletins by IATA.
- 05.0 DEMONSTRATE UNDERSTANDING OF BUSINESS LAW AND MANAGEMENT PERTAINING TO AERONAUTICS - The student will be able to:
- 05.1 Describe and identify in what manner and under what conditions an airport may be exposed to a lawsuit.
 - 05.2 Discuss the fundamental aspects of several categories of law that may affect the company because of its activities.
- 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.
 - 07.03 Demonstrate knowledge of the minimum standards governing design, materials workmanship, performance of aircraft, inspection, servicing, overhaul of aircraft, and parts and appliances, equipment and facilities, as required by section 601 (a) of Federal Aviation act of 1958 Section 601 (a).
 - 07.04 Discuss the maximum hours of service for airmen and other employees, and other practices, methods, and procedures as required by Section 601 (a) of the Federal Aviation Act of 1958.
 - 07.05 Explain the Federal Aviation Regulations (FAR's) promulgated by the Administrator to implement the authority granted by the Federal Aviation Act of 1958, in the area of safety, and to prevent accidents.



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 1440</u>	SEMESTER CREDIT HOURS: <u>3</u>
COURSE TITLE: <u>Aviation and Airport Security</u>	

Section 2
 TYPE OF COURSE: (Click on the box to check all that apply)

<input type="checkbox"/> AA Elective	<input checked="" type="checkbox"/> AS Required Professional Course	<input type="checkbox"/> College Prep
<input type="checkbox"/> AS Professional Elective	<input type="checkbox"/> AAS Required Professional Course	<input type="checkbox"/> Technical Certificate
<input type="checkbox"/> Other _____		
<input type="checkbox"/> 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:

<input type="checkbox"/> Communication	<input type="checkbox"/> Social & Behavioral Sciences	<input type="checkbox"/> Mathematics
<input type="checkbox"/> Natural Sciences	<input type="checkbox"/> Humanities	

Section 4
 INTELLECTUAL COMPETENCIES:

<input checked="" type="checkbox"/> Reading	<input checked="" type="checkbox"/> Speaking	<input checked="" type="checkbox"/> Critical Analysis	<input type="checkbox"/> Quantitative Skills	<input type="checkbox"/> Scientific Method of Inquiry
<input checked="" type="checkbox"/> Writing	<input checked="" type="checkbox"/> Listening	<input checked="" type="checkbox"/> Information Literacy	<input checked="" type="checkbox"/> Ethical Judgment	<input checked="" type="checkbox"/> Working Collaboratively

	LEARNING OUTCOMES	METHOD OF ASSESSMENT
•	Describe security evolution and the importance of maintaining security in aviation.	Written testing
•	Explain TSA regulations and what steps are required of airport operators, the importance of compliance, maintaining compliance, and ramifications of non-compliance.	Written testing
•	Explain how the airline and airport security interact.	Written testing
•	Explain how airports comply with regulations through the establishment and maintenance of the Airport Security Plan.	Group project or individual term paper
•	Describe current issues affecting aviation security.	Local field trip to area airports or in-class guest speakers
•	Describe the role of the TSA and FAA in aviation security, the obstacles each agency faces, and the proactive approaches toward aviation safety and prevention.	Written testing

Section 6 Name of Person Completing This Form: David Dagenais