

Department of Aviation & Technology Aviation 78

"Introduction to Aviation Management"
Section: 01 Code: 41834 Units: 3

Course Outline – Fall Semester 2016

Location:Room IS-216Class Time:M & W: 12:00-1:15Lecturer:Glynn FalconE-mail:ProfFalcon@aol.com

Office Hours: Office IS-133C: Telephone: O: 408-924-3203, C: 650-400-1523

M & W only: 11:30 a.m. in my Industrial Studies office, IS-133C near the *Gerald L. Shreve*

Flight Sim Lab in IS-131. I am also available by email and phone on all other days and

reasonable times.

Prerequisites: None

Final Examination: Final Exam Date: Friday, December 16 from 0945-1200 in IS-216

Required Text: Essentials of Aviation Management. A Guide for Aviation Service Businesses. J.F.

Rodwell Eighth Edition, 2015

<u>Catalog Description</u>: History of aviation management, safety, security, community relations, aviation unions, and private and government relationships.

<u>Course Content</u>: Due to the complexity of the aviation environment, a greater demand is being placed upon the aviation business manager to be well versed in all aspects of the business aviation services. From the general aviation Fixed Based Operator to Commercial Air Transportation to Airport Management, today's aviation managers must be well educated in complex topics. This course is an introduction into subject areas of aviation safety, airport security, human resources, and the aviation industry's obligation to the community. Today, the aviation service business must understand how both the private and governmental issues will impact its future success or create its failure. Concepts will be explored through text readings, case studies and current news events.

Course Objectives: At the end of the semester, the course objectives are for the student to:

- 1. Become familiar with the different components of the aviation industry, including, but not limited to, aviation safety, airport security, and aviation's obligation to the public sector.
- 2. Gain insight as to the complexity of all the different roles and responsibilities of the aviation manager.
- 3. Understand the relationship between the service businesses with private and government partners; how today's current events may impact future successes.
- 4. Be able to discuss current issues concerning the following complex components: organization and administration of the flight department, risk management, human resources, finance and accounting, market analysis, product services and analysis, management information systems, aviation maintenance issues within this very competitive industry.

GROUP PROJECT: You will be working in small groups, where you will utilize and demonstrate most of the management techniques, skills and encounter issues involved with producing a useable work product from your team. Subject to more specifics as we move along in this course, you will be required to set up your own business by preparing a Business Plan, Income & Expense and Profit & Loss Projections. To complete this project in a timely and organized way, you will need to do extensive on-line and telephonic research to obtain current topical information, such as fuel prices, insurance quotes, business space lease data, regulatory information and restrictions, etc.. Your performance within your group, and a part of your grade, will be subject to your peers' review.

<u>Grading Policy</u>: This course must be passed with a C- or better as a CSU aviation major requirement. The final grade will be calculated by the following distribution:

Class Quizzes/Assignments	25 % = 25 points
Midterm Exam	20 % = 20 points
Team Project:	30 % = 30 points
Peer Review:	5% = 5 points
Final Exam:	20 % = 20 points

Your final grade will be determined by using the following scale based upon the highest total points achieved by any student: If the highest point total for any student is 89, then the percentages below will be off of that score. Hence, to get a "C" a student would have to have at least 62 points, in this example.

A: 90-100% B: 80-89% C: 70-79% D: 60-69% F: below 60%

Missing an in-class examination or an assignment due date will result in a grade of zero for that item. The only exception will be for *documented* illness/injury or a significant personal event. When possible, arrangements must be made before the assigned due date.

Written work must be submitted with correct grammar, syntax, punctuation, and spelling. This will be considered in your grade evaluation.

Please note: Today's aviation service businesses are undergoing dynamic changes. This course will require extensive review and weekly discussion of current news events in the aviation industry. Thus before class starts, students are expected to be prepared to discuss the assigned news event as well as participate equally in group assignments. Therefore, class attendance is essential for effective group participation to obtain the maximum benefit from the course. Students are expected to have access to the internet. *This green sheet is subject to change with fair notice*.

University, College, or Department Policy Information

Classroom Protocol

Please arrive to class on time, because class updates will be announced at the beginning of class. Class participation – by asking questions and in-class group practice assignments – is encouraged. Cell phone use and texting are not permitted; if you have a cell phone with you, please turn the ringer off during class.

NOTE that University policy F69-24, "Students should attend all meetings of their classes, not only because they are responsible for material discussed therein, but because active participation is frequently essential to insure maximum benefit for all members of the class. Attendance per se shall not be used as a criterion for grading."

Dropping and Adding

Last day to Drop a Class without a "W" grade is Tuesday, Sept. 6.

Last day to Add a Class is Tuesday, Sept. 13.

Last day to submit Audit option is Tuesday, Sept. 13.

Last day to submit Credit/No Credit grading option is Tuesday, Sept. 13.

Last day to submit Instructor Drops is Tuesday, Sept. 13.

Refer to the current semester's Catalog Policies section at: http://info.sjsu.edu/static/catalog/policies.html.

Add/drop deadlines can be found on the current academic calendar web page located at:

http://www.sjsu.edu/academic programs/calendars/academic calendar/.

The Late Drop Policy is available at: http://www.sjsu.edu/aars/policies/latedrops/policy/.

Students should be aware of the current deadlines and penalties for dropping classes. Information about the latest changes and news is available at the Advising Hub at http://www.sjsu.edu/advising/

Consent for Recording of Class and Public Sharing of Instructor Material

<u>University Policy S12-7</u>, http://www.sjsu.edu/senate/docs/S12-7.pdf, requires students to obtain instructor's permission to record the course.

- "Common courtesy and professional behavior dictate that you notify someone when you are recording him/her. You must obtain the instructor's permission to make audio or video recordings in this class. Such permission allows the recordings to be used for your private, study purposes only. The recordings are the intellectual property of the instructor; you have not been given any rights to reproduce or distribute the material."
- "Course material developed by the instructor is the intellectual property of the instructor and cannot be shared publicly without his/her approval. You may not publicly share or upload instructor generated material for this course such as exam questions, lecture notes, or homework solutions without instructor consent."

Academic integrity

Your commitment as a student to learning is evidenced by your enrollment at San Jose State University. The <u>University Academic Integrity Policy S07-2</u> at http://www.sjsu.edu/senate/docs/S07-2.pdf requires you to be honest in all your academic course work. Faculty members are required to report all infractions to the office of Student Conduct and Ethical Development. The <u>Student Conduct and Ethical Development website</u> is available at http://www.sjsu.edu/studentconduct/.

Instances of academic dishonesty will not be tolerated. Cheating on exams or plagiarism (presenting the work of another as your own, or the use of another person's ideas without giving proper credit) will result in a failing grade and sanctions by the University. For this class, all assignments are to be completed by the individual student unless otherwise specified. If you would like to include your assignment or any material you have submitted, or plan to submit for another class, please note that SJSU's Academic Integrity Policy S07-2 requires approval of instructors.

Campus Policy in Compliance with the American Disabilities Act

If you need course adaptations or accommodations because of a disability, or if you need to make special arrangements in case the building must be evacuated, please make an appointment with me as soon as possible, or see me during office hours. Presidential Directive 97-03 at http://www.sjsu.edu/president/docs/directives/PD_1997-03. pdf requires that students with disabilities requesting accommodations must register with the Accessible Education Center (AEC) at https://www.sjsu.edu/aec to establish a record of their disability.

In 2013, the Disability Resource Center changed its name to be known as the Accessible Education Center, to incorporate a philosophy of accessible education for students with disabilities. The new name change reflects the broad scope of attention and support to SJSU students with disabilities and the University's continued advocacy and commitment to increasing accessibility and inclusivity on campus.

Student Technology Resources

Computer labs for student use are available in the Academic Success Center located on the 1st floor of Clark Hall and on the 2nd floor of the Student Union. Additional computer labs may be available in your department/college. Computers are also available in the Martin Luther King Library.

A wide variety of audio-visual equipment is available for student checkout from Media Services located in IRC 112. These items include digital and VHS camcorders, VHS and Beta video players, 16 mm, slide, overhead, DVD, CD, and audiotape players, sound systems, wireless microphones, projection screens and monitors.

THE INSTRUCTOR RESERVES THE RIGHT TO AMEND THIS SYLLABUS AS APPROPRIATE AS THE COURSE PROGRESSES.

AVIATION 78 – Fall 2016 CLASS SCHEDULE (subject to change)

Week	Date	Lecture	Text: EAM*	Information / Website
1	August 24	Introduction	LANI	http://www.jimcollins.com/lab/index.htm
1	August 24	Hedgehog Concept		Good To Great. Jim Collins
2	8/29 -31	The Roles of the General Aviation	1	Quiz on Chapter 1
~	0/27 31	Service Center	1	Quiz on Chapter 1
3	9/5	LABOR DAY HOLIDAY	2	Quiz on Chapter 2
	9/7	Management Functions		
4	9/12	Marketing	3	Quiz on Chapter 3
	9/14	Due: Phase I Research Project		•
5	9/19	Profits, Cash Flow, Financing	4	Quiz on Chapter 4
	9/21	Business Aviation Accounting		Guest Speaker
6	9/26	Chapter 4 - continued	4	•
	9/28	-		
7	10/3	Human Resources	5	Quiz on Chapter 5
	10/5			
8	10/10	Safety, Security and Liability	11	Quiz on Chapter 11
	10/12	Risk Management		_
9	10/17	Organization and Administration	6	Quiz on Chapter 6 (Monday)
	10/19	MIDTERM on Wednesday		Due Monday: Project Outlines
10	10/24	Management Information Systems	7 & 8	Very Light Jets
	10/26	Operations: Flight Line and Front Desk		Eclipse Jet's story, Quiz on Chapter 7
11	10/31	Flight Operations	9	Tour and/or Guest Speaker
	11/2			Quiz on Chapter 8
12	11/7	Aviation Maintenance	10	Quiz on Chapters 9
	11/9			
13	11/14	Government Influences	To be	Guest Speaker
	11/16		assigned	Quiz on Chapter 10
14	11/21	Physical Facilities	12	Quiz on Chapters on 12
	11/23			
15	11/28	The Future	To be	Completed Projects Due Monday
	11/30	Forecasting and Opportunities	assigned	
16	12/5	Begin Review for Final Exam		
	12/7	Begin Project Presentations		
17	last class	Project In-Class Presentations		Group and Individual grading
	12/7			
Final	12/16	Bring fully charged laptop/ipad/PED	on-line	in IS-216
Exam	9:45 a.m.			

Final Examination: Final Exam Date: Friday, December 16 at 0945 to 1200 in IS-216

"EAM" = Textbook: <u>Essentials of Aviation Management</u>. JF Rodwell 2015