

Engineering and Technology Education Department
Semester Course Syllabus
Spring 2009
AV 2620 COMMERCIAL PILOT GROUND SCHOOL
Mon/Wed 1:30-2:45pm

Location: TB 122

Instructor: Lawrence T Hemingway

Room: TB 101 *Tele* 797-0680

Email: lawrence.hemingway@aggiemail.usu.edu

Office Hrs: MWF 13-1500

Text: JEPPESEN COMMERCIAL INSTRUMENT TEXT
FAR/AIM; WRITTEN EXAM STUDY GUIDE
Purchase from the Flight Center, SL International Airport

Class Fee: Course Fee - \$110: (\$100 FAA Exam Fee and \$10 class fee for consumables).

Prerequisites: AV 2320/2520

Course Objective: Gain the knowledge necessary to pass the FAA Commercial Written Exam as specified in Federal Aviation Regulation Part 61.

Expectations: Students are expected to attend all classes. Attendance will be taken daily and recorded as required in FAR 141. Absences must be coordinated and made up as designated by the flight instructor.

It is expected that each student will be prepared for class per this syllabus. Read and answer the exercise questions *prior to class*. Exercises must be completed and graded.

Participation and student interaction will enhance learning. Students should participate in all discussions and be prepared to be involved in learning activities.

Grading Policy: **Student will be graded as follows:**

2Stage Examinations:	30%	93-100:	A
Final Exam:	35%	83-87:	B
Quizzes:	15%	73-77:	C
Attendance:	10%	63-67:	D
Exercises	10%	<60:	F

The FAA requires a minimum passing score of 80% for all Stage exams and the Final exam. Students scoring below 80% will be required to retake the exam.

The FAA written Exam must be taken within four days of the in class final exam and made available to the instructor for final grade results.

<u>Date</u>	<u>Subject</u>	<u>Reading Assignment</u>
Jan 6	Intro/assessment/syllabus	
8	GL28 Aeronautical charts quiz 1	
13	GL29 Dead Reckoning quiz 2	
15	GL30 Aviation Physiology	
20	GL30 Continued quiz 3	
22	GL31 Aeronautical Decision Making I/C Ch 1B;	
27	GL 31 Continued quiz 4	
29	GL32 Commercial FARs	FAR 1/61/91
Feb 3	GL32 Continued quiz 5	FAR 141/135/121/119
5	GL33 <i>Exam I</i>	I/C Ch 11A; Exercises
10	GL34 High Performance Power Plants	I/C Ch 11B; Exercises
12	GL34 Continued quiz 6	
17	Attend Monday Class - holiday	
19	GL35 Environmental & Ice Control Systems I/C Ch 11C; Exercises	
24	GL35 Continued quiz 7	I/C Ch 12A; Exercises
26	GL36 Retractable Landing Gear Systems quiz 8	I/C Ch 12B; Exercises
Mar 3	GL37 Advanced Aerodynamics	
5	GL37 Continued quiz 9	I/C Ch 12C; Exercises
9-13	No classes – Spring Break	
17	GL38 Predicting Performance	
19	GL38 Continued quiz 10	
24	GL39 Controlling Weight and Balance quiz 11	I/C Ch 14A; Exercises
26	GL40 Maximum Performance Take off/Ldgs quiz 12	I/C Ch 14B/C; Exercises
31	GL41 Steep Turns/Chandelles quiz 13	
Apr 2	continued	I/C Ch 14D/E Exerc
7	GL42 Lazy 8's/Pylon 8's quiz 14	I/C Ch 13A Exercises
9	GL43 Emergency Procedures quiz 15	I/C Ch 13B; Exercises
14	GL44 Commercial Decision Making quiz 16	
16	Review	
21	GL45 Exam II	
23	Review test 1	
25	Review test 2	
30	1330-1520 Final Exam	

ACCOMMODATION

Students with ADA-documented physical, sensory, emotional or medical impairments may be eligible for reasonable accommodations. Veterans may also be eligible for services. All accommodations are coordinated through the Disability Resource Center (DRC) in Room 101 of the University Inn, (435) 797-2444 voice, (435) 797-0740 TTY, (435) 797-2444VP, or toll free at 1-800-259-2966. Please contact the DRC as early in the semester as possible. Alternate format materials (Braille, large print or digital) are available with advance notice.