

UTAH STATE UNIVERSITY
AV 2520 - INSTRUMENT GROUND SCHOOL
Spring 2009 - 4 Credits
Technology Building - Room 108
Aaron Dyches

Class Times: Monday 1:30 - 3:20
 Wednesday 1:30 - 3:20
 Friday 1:30 - 3:20

Lab Times: Monday by appointment (Simulator at Airport)
 Wednesday by appointment (Simulator at Airport)
 Friday by appointment (Simulator at Airport)

Office: USU Flight Operations/Cache-Logan Airport
Office Phone: 753-4289
Office Hours: by appointment
Home phone: (435) 245-6825
E-mail: A.Dyches@aggiemail.usu.edu

Text: Jeppesen Sanderson Instrument / Commercial Kit

Course Fee: \$125 – (\$100.00 FAA Fee plus \$25.00 simulator fee)

Prerequisites:

A private pilot certificate is required for admission into this class. If you are close to completing your certificate, you may be allowed to attend the class if you can obtain your rating by the January 26, 2009.

Objectives:

The student will obtain the necessary aeronautical knowledge to understand and meet the prerequisites specified in FAR Part 61 for the FAA IFR written exam.

Attendance:

FAA Part 141 requires attendance for each class period; absences MUST BE made up at your own expense with your flight instructor prior to any flight covering the material over the missed class .

Assignments / Quizzes:

Quizzes that are not taken on the day they are given and assignments that are not handed in on the day they are due must be turned in or made up by the next class period unless arrangements are made in advance with the instructor.

Attendance / Participation:

Class attendance and participation is required and is approximately 10% of the overall grade. All readings and assignments should be completed prior to class in order for students to be adequately prepared to participate.

Final Grade:

The final grade will be based on the following point scale:

Exam # 1	100 points
Exam # 2	100 points
Exam # 3	100 points
FAA Exam	100 points (See Below)
Quizzes / Assignments	140 points
Attendance / Participation	<u>60 points</u>
Total:	<u>600 points</u>

Grading Scale:

93 - 100	A	73 - 76	C
90 - 92	A-	70 - 72	C-
87 - 89	B+	67 - 69	D+
83 - 86	B	63 - 66	D
80 - 82	B-	60 - 62	D-
77 - 79	C+	0 - 59	F

FAA Exams:

At the completion of each chapter you must turn in an FAA practice exam with a minimum score of 70% covering that chapter. You will be REQUIRED to take the FAA Instrument Pilot Written Exam to receive a passing grade for the class. The Exam must be scheduled during finals week and taken before May 1, 2009. If you do not receive a passing grade your first try, your FAA Exam grade will be the average of the first and second scores.

Note: A passing grade on the FAA Instrument Pilot Written Exam is required as a prerequisite to the Commercial Ground School Class.

Accommodations for Persons with Disabilities:

If a student has a disability that will likely require some accommodation by the instructor, the student must contact the instructor and document the disability through the Disability Resource Center, preferably during the first week of the course. Any requests for special considerations relating to attendance, pedagogy, taking of examinations, etc., must be discussed with and approved by the instructor. In cooperation with the Disabilities Resource Center, course materials can be provided in alternative formats-large print, audio, diskette, or Braille.

CLASS SCHEDULE
DATE TOPICS TO BE COVERED

Jan 5	Introduction to class, review of syllabus & prerequisites
7	Introduction to Instrument Flying
9	Controlled Flight Into Terrain
12	Chapter 1, Section A
14	Chapter 1, Section B
16	Chapter 1, Section B
19	NO CLASSES Dr. Martin Luther King, Jr. Day
21	Chapter 2, Section A
23	Chapter 2, Section B
26	Chapter 2, Section C ** Last day to drop class**
28	Chapter 3, Section A
30	Chapter 3, Sections A & B
Feb 2	Chapter 3, Section C
4	Chapter 4, Section A
6	Chapter 4, Section B
9	EXAM # 1
11	Chapter 5, Section A
13	Chapter 5, Section A
16	NO CLASSES Washington and Lincoln Day
17	Chapter 5, Section B (Tuesday, but Monday classes)
18	Chapter 5, Section C
20	Chapter 6, Section A
23	Chapter 6, Section B
25	Chapter 7, Section A
27	Chapter 7, Section B
Mar 2	EXAM # 2
4	Chapter 8, Section A
6	Chapter 8, Section A
Mar 9-13	NO CLASSES Spring Break
16	Chapter 8, Section B
18	Chapter 8, Section C
20	Chapter 9, Section A

23	Chapter 9, Section B
25	Chapter 9, Section B
27	Chapter 9, Section C
30	Chapter 9, Section D
Apr 1	Chapter 9, Section E
3	Chapter 10, Section A
6	Chapter 10, Section B
8	Chapter 10, Section C
10	FAA Regulations
13	EXAM # 3
15	Review EXAMS 1-3
17	FAA Instrument Exam preparation & Course Review
20-24	PRACTICE FAA INSTRUMENT EXAM (A)- 80% MIN REQ.

Apr27- May 1 FINALS WEEK...Schedule and pass FAA Instrument Knowledge Exam. I will need a photo copy to finish your overall grade.