

Private Pilot/Sport Pilot Ground School Syllabus

Aviation 251

Classroom Aero 5

Spring 2008

Instructor, Tom Holmes

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No scheduled office hours, but I'm here every weekday, 7am to 1:30pm

Class meets Tuesdays, 6pm to 8:45pm, 10 minute break at 7pm.

- No holidays
- Easter break, March 17-22
- Mid term, Mar 2, 2008, comprehensive
- Drop deadline, Mar 2, 2008
- Final May 13, 2008
 - Fee for the final is \$90, cash or credit card, no checks, no first born children, no younger siblings, etc: cash or credit card. Final must scheduled with Mr. Parsons after I sign your logbook stating that, in my judgment, you are qualified to take the FAA written exam.

The purpose of this class is to meet the Federal Aviation Requirements for certification as a Private Pilot (airplane), or Sport Pilot (airplane).

Text and Materials

Jeppesen Private Pilot, (the Sport Pilot materials are covered in this same text).

Reedley bookstore under "Flight"

E6B, w/wind correction, electronic one isn't necessary

Private Pilot or Sport Pilot Practical Test Study guide (source of quiz questions)

Current Southwestern Airport Facility Directory-(AFD)

Current San Francisco Sectional Chart-(Sectional)

Current FAR/AIM

Private Pilot or Sport Pilot Practical Test Standards-(PTS)

Plotter

Pilot's Logbook

These materials are available at your local flight school, ie Memley's, Maisies, Western Aviation, etc. or you can order them thru Jeppesen, Sporty's, Aircraft Spruce. These materials will be used during your pilot training and aviation career.

My advice is to take a field trip to your local flight school, make these purchases, and introduce yourself as a prospective customer for flight training.

Other materials:

Cherokee 180 Pilot's Operating Handbook (I'll provide copies; you'll need a three ring binder to hold it).

"8080" Quiz every class day on assigned reading, 6pm to 6:15pm, the quizzes will require the use of the materials described.

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Course outline and reading assignments

We will attempt a chapter per week, but some subjects just take longer to cover.

- Fundamentals of flight
 - Chap 1, 2, 3
- Flight Operations
 - Chap 4, 5
- Aviation Weather
 - Chap 6, 7
- Mid term exam, March 2, 2008
- Performance and navigation
 - Chap 8, 9
- Integrating Pilot knowledge and skills
 - Chap 10, 11
- Final, May 13, 2008; must be scheduled and paid for thru Mr. Parsons

Grading basis:

The mid term college grade will be the average of daily quizzes (50%), and the MidTerm exam score (50%).

0 to 50, F; 50 to 69, D; 70 to 79, C; 80 to 89, B; 90+, A.

Your final college grade will be your actual score on the FAA exam, 70 % is passing for the FAA.

You will need the appropriate signatures and documentation from a CFI (me) in your log book to be able to take the final FAA exam. If you do not have a 70 percent average, I cannot sign your logbook, you cannot take the final, you fail the course.

A passing score on the final is good until the end of the 24th month after taking the exam, (get used to this kind of thinking about dates).

1. Please do not enter the class room while another class is in progress
2. No food or drink in the Aero classrooms or labs
3. The use of any form of tobacco is only permitted outside of the South entrance to the Aero building. No smoking within 20 feet of the entrance. Please keep the area clean.
4. Always maintain an attitude of safety.
5. No open toed shoes in the Aero lab area.
6. If you have special needs as addressed by the Americans with disabilities act, (ADA), please notify me immediately. Reasonable efforts will be made to accommodate your needs.