

Aerowood Aviation Ground School Syllabus

Instructor Information:

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Course Overview:

The Aerowood Aviation Ground School is designed to provide students with all the knowledge necessary for their Private Pilot checkride at Aerowood Aviation. While students always have the option for one-on-one instruction with the instructor of their choosing, the Aerowood Aviation Ground School provides standardization, consistency, and community for students working through their Private Pilot. Consisting of 13 lessons, students will have exposure to all the ground knowledge subjects required for their Private Pilot checkride, have hands-on workshops/seminars, and interact with their peers at Aerowood Aviation.

Course Requirements:

- Must be interested in strengthening your aviation knowledge!
- No requirements to attend, everyone is welcome

Recommended Texts:

- *Pilots Handbook of Aeronautical Knowledge*

Optional Texts:

- *Airplane Flying Handbook*
- *Federal Aviation Regulations*
- *Aeronautical Information Manual*
- *Aviation Weather Handbook*

Course Grading:

There will be no grade/participation for this course. Students may attend at their discretion.

Course Schedule:

Sessions will be held from 1300-1500 on Saturday nights.

<u>Date</u>	<u>Lesson</u>	<u>Topic</u>	<u>Correlating Sportys Lessons</u>
11/15	Lesson 1	Aerodynamics	Lesson 4, Lesson 6
11/22	Lesson 2	Airport Ops	Lesson 3
12/6	Lesson 3	Weight and Balance/Performance	Lesson 8
12/13	Lesson 4	Weather and Weather Products	Lesson 10, Lesson 12, Lesson 14
12/20	Lesson 5	Airspace and Sectionals	Lesson 26, Lesson 28, Lesson 43
1/3	Lesson 6	Federal Regulations	Lesson 1, Lesson 18
1/10	Lesson 7	Systems	Lesson 20, Lesson 22, Lesson 25
1/17	Lesson 8	Emergencies	Lesson 16
1/24	Lesson 9	Human Factors	Lesson 30
1/31	Lesson 10	Principles of Navigation	Lesson 33, Lesson 35, Lesson 45
2/7	Lesson 11	Cross Country Planning	Lesson 37, Lesson 39, Lesson 41, Lesson 49
2/14	Lesson 12	Instrument and Night Flying	Lesson 48, Lesson 53
2/21	Lesson 13	Checkride/Written Prep	Lesson 57

**Schedule/times are subject to change*

Course Billing:

Ground school will be billed on a per session basis. As with flight training, you only pay for the sessions you attend. Each 2 - 2.5 hour session will cost a flat fee of \$50.

However, you have the option to pay for all 13 lessons for a discounted lump sum of \$600. With this option, you will have access to all sessions. Any sessions that are not attended will not be deducted from the lump sum or reimbursed. If you have any questions about this, please contact Mark or Hannah.

Course Policies:

- Students may log all time as ground instruction received in their logbooks. This will reflect as ground instruction received in Flight Circle
- Attendees are expected to minimize disruptions during instructional hours. This ground school is for the benefit of everyone, so please be respectful of the instructor and students' time.
- Please turn off any cell phones during instructional hours. If you need to take a phone call, please excuse yourself from class.
- This ground school is not a guarantee of passing the Private Pilot checkride or written exam. Students must be attentive, study at home, and practice the knowledge presented during the course of this ground school with their assigned instructor.
- Any forms of verbal harassment, physical harassment, racial discrimination, or sexual discrimination will not be tolerated at Aerowood. If you observe or suspect any of the aforementioned, please contact an Aerowood instructor immediately. Aerowood instructors hold the right to excuse or ban any individual from Aerowood Ground School sessions if required.