

Sugar Valley Private Pilot Ground School

Few of the many activities one could choose can match the exhilaration, challenges, and rewards of flying. One of the first steps in learning to fly is taking “ground school” — your preparation for the world of flight!

Sugar Valley Airport offers ground school online free of charge as a service to the aviation community.

This course is **unique** in that participants get to ask questions in *real time* and learn from others in the enthusiastic aviation community. The course is taught by a commercially certificated pilot with an advanced ground instructor rating who is a member of the FAA Safety Team, the Society of Aviation and Flight Educators (SAFE), The Ninety-Nines, and Civil Air Patrol. The suggested textbook is *Rod Machado’s Private-Commercial Pilot Handbook*,



supplemented by Gleim’s *Private Pilot FAA Knowledge Test* book, or the FAA’s textbooks can be used instead: *Pilot’s Handbook of Aeronautical Knowledge*, *Airplane Flying Handbook*, and *Aviation Weather Handbook*. In this 12-week online course with two-hour classes, students will learn about the following topics, shown in the proposed schedule below:

June 7 ‘24	<i>Parts of the Airplane, Aerodynamics, 6:50 – 9:00 p.m.</i>
June 14	<i>Airplane Engines, Electrical Systems, 6:50 – 9:00 p.m.</i>
June 21	<i>Flight Instruments, 6:50 – 9:00 p.m.</i>
June 28	<i>Federal Aviation Regulations, 6:50 – 9:00 p.m.</i>
July 12	<i>Airport Operations, Radio Communication, 6:50 – 9:00 p.m.</i>
July 19	<i>Airspace, Aviation Charts, 6:50 – 9:00 p.m.</i>
July 26	<i>Electronic Navigation, 6:50 – 9:00 p.m.</i>
Aug 2	<i>Understanding Weather, 6:50 – 9:00 p.m.</i>
Aug 9	<i>Weather Charts and Briefings, 6:50 – 9:00 p.m.</i>
Aug 16	<i>Flight Planning, 6:50 – 9:00 p.m.</i>
Aug 23	<i>Airplane Performance Charts, Weight and Balance, 6:50 – 9:00 p.m.</i>
Aug 30	<i>Aeromedical Factors, Aeronautical Risk Management, 6:50 – 9:00 p.m.</i>

This online course is for aspiring pilots, certificated pilots who’d like to refresh their knowledge, and folks who’d just like to know more about flying and aviation operations.

Next session starts June 7, 2024, at 6:50 p.m.

For more information, go to <https://www.sugarvalleyairport.org/aviation-ground-school.html> or call below. To register, call (336) 409-6796 or email Sandra Smith, AGI, at SmithSL752@gmail.com.