

Aviation Ground School **at Sugar Valley Airport**

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! **The Aviation Center at Sugar Valley offers ground school free of charge** as a service to the aviation community. *

The course is taught by an advanced ground instructor who is a member of the FAA Safety Team, the Society of Aviation and Flight Educators (SAFE), The Ninety-Nines and Civil Air Patrol; and other experienced pilots who want to see you succeed! The textbook is Rod Machado’s popular and easy-to-understand *Private Pilot Handbook 3rd Edition*, supplemented by Gleim’s *Private Pilot FAA Knowledge Test* book, the FAA’s *Pilot’s Handbook of Aeronautical Knowledge*, and *Airplane Flying Handbook*. In this 12-week course with two-hour classes, students will learn about the following topics, shown in the proposed schedule:

Oct 18	<i>Parts of the Airplane, Aerodynamics, 6:50 – 9:00 p.m.</i>
Oct 25	<i>Airplane Engines, Electrical Systems, 6:50 – 9:00 p.m.</i>
Nov 1	<i>Flight Instruments, 6:50 – 9:00 p.m.</i>
Nov 8	<i>Federal Aviation Regulations, 6:50 – 9:00 p.m.</i>
Nov 15	<i>Airport Operations, Radio Communication, 6:50 – 9:00 p.m.</i>
Nov 22	<i>Airspace, Aviation Maps, 6:50 – 9:00 p.m.</i>
Dec 6	<i>Electronic Navigation, 6:50 – 9:00 p.m.</i>
Dec 13	<i>Understanding Weather, 6:50 – 9:00 p.m.</i>
Dec 20	<i>Weather Charts and Briefings, 6:50 – 9:00 p.m.</i>
Jan 3	<i>Flight Planning, 6:50 – 9:00 p.m.</i>
Jan 10	<i>Airplane Performance Charts, Weight and Balance, 6:50 – 9:00 p.m.</i>
Jan 17	<i>Aeromedical Factors, Aeronautical Risk Management, 6:50 – 9:00 p.m.</i>

This 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. Families are welcome!

Next session starts October 18, 2019, at 6:45 p.m.

To register, call (336) 409-6796.

*Students may be able to purchase supplies at cost.
For more information, go to www.SugarValleyAirport.org