

# **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.

This **online** course is **unique** in that participants get to ask questions *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; an instrument rated pilot; and other experienced pilots who want to see you succeed! The suggested textbook is Rod Machado’s popular and easy-to-understand *Private Pilot Handbook 3<sup>rd</sup> 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:

<b>Mar 5</b>	<i>Parts of the Airplane, Aerodynamics, 6:50 – 9:00 p.m.</i>
<b>Mar 12</b>	<i>Airplane Engines, Electrical Systems, 6:50 – 9:00 p.m.</i>
<b>Mar 19</b>	<i>Flight Instruments, 6:50 – 9:00 p.m.</i>
<b>Mar 26</b>	<i>Federal Aviation Regulations, 6:50 – 9:00 p.m.</i>
<b>Apr 9</b>	<i>Airport Operations, Radio Communication, 6:50 – 9:00 p.m.</i>
<b>Apr 16</b>	<i>Airspace, Aviation Maps, 6:50 – 9:00 p.m.</i>
<b>Apr 23</b>	<i>Electronic Navigation, 6:50 – 9:00 p.m.</i>
<b>Apr 30</b>	<i>Understanding Weather, 6:50 – 9:00 p.m.</i>
<b>May 7</b>	<i>Weather Charts and Briefings, 6:50 – 9:00 p.m.</i>
<b>May 14</b>	<i>Flight Planning, 6:50 – 9:00 p.m.</i>
<b>May 21</b>	<i>Airplane Performance Charts, Weight and Balance, 6:50 – 9:00 p.m.</i>
<b>June 4</b>	<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 March 5, 2021, at 7:00 p.m.***

To register, call (336) 409-6796.

For more information, go to [www.SugarValleyAirport.org](http://www.SugarValleyAirport.org)