

# **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 free of charge** as a service to the aviation community.

This 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. 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 online course with two-hour classes, students will learn about the following topics, shown in the proposed schedule below:

<b>Jun 2</b>	<i>Parts of the Airplane, Aerodynamics, 6:50 – 9:00 p.m.</i>
<b>Jun 9</b>	<i>Airplane Engines, Electrical Systems, 6:50 – 9:00 p.m.</i>
<b>Jun 16</b>	<i>Flight Instruments, 6:50 – 9:00 p.m.</i>
<b>Jun 23</b>	<i>Federal Aviation Regulations, 6:50 – 9:00 p.m.</i>
<b>Jul 7</b>	<i>Airport Operations, Radio Communication, 6:50 – 9:00 p.m.</i>
<b>Jul 14</b>	<i>Airspace, Aviation Charts, 6:50 – 9:00 p.m.</i>
<b>Jul 21</b>	<i>Electronic Navigation, 6:50 – 9:00 p.m.</i>
<b>Jul 28</b>	<i>Understanding Weather, 6:50 – 9:00 p.m.</i>
<b>Aug 4</b>	<i>Weather Charts and Briefings, 6:50 – 9:00 p.m.</i>
<b>Aug 11</b>	<i>Flight Planning, 6:50 – 9:00 p.m.</i>
<b>Aug 18</b>	<i>Airplane Performance Charts, Weight and Balance, 6:50 – 9:00 p.m.</i>
<b>Aug 25</b>	<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 2, 2023, 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.