

# **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 two certificated pilots with advanced ground instructor ratings who are experienced aviation educators. The suggested textbook is *Rod Machado’s Private-Commercial Pilot Handbook*, supplemented by ASA’s *Private Pilot Test Prep* 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 2.5-hour classes, students will learn about the following topics, shown in the proposed schedule below:

<b>June 6</b>	<i>Parts of the Airplane, Aerodynamics, 6:50 – 9:30 p.m.</i>
<b>June 13</b>	<i>Airplane Engines, Electrical Systems, 6:50 – 9:30 p.m.</i>
<b>June 20</b>	<i>Flight Instruments, 6:50 – 9:30 p.m.</i>
<b>June 27</b>	<i>Federal Aviation Regulations, 6:50 – 9:30 p.m.</i>
<b>July 11</b>	<i>Airport Operations, Radio Communication, 6:50 – 9:30 p.m.</i>
<b>July 18</b>	<i>Airspace, Aviation Charts, 6:50 – 9:30 p.m.</i>
<b>July 25</b>	<i>Electronic Navigation, 6:50 – 9:30 p.m.</i>
<b>August 1</b>	<i>Understanding Weather, 6:50 – 9:30 p.m.</i>
<b>August 8</b>	<i>Weather Charts and Briefings, 6:50 – 9:30 p.m.</i>
<b>August 15</b>	<i>Flight Planning, 6:50 – 9:30 p.m.</i>
<b>August 22</b>	<i>Airplane Performance Charts, Weight and Balance, 6:50 – 9:30 p.m.</i>
<b>August 29</b>	<i>Aeromedical Factors, Aeronautical Risk Management, 6:50 – 9:30 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 6, 2025, 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](mailto:SmithSL752@gmail.com).