

# **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 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:

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| <b>Sep 11</b> | <i>Parts of the Airplane, Aerodynamics, 7:00 – 9:00 p.m.</i>               |
| <b>Sep 18</b> | <i>Airplane Engines, Electrical Systems, 6:50 – 9:00 p.m.</i>              |
| <b>Sep 25</b> | <i>Flight Instruments, 6:50 – 9:00 p.m.</i>                                |
| <b>Oct 2</b>  | <i>Federal Aviation Regulations, 6:50 – 9:00 p.m.</i>                      |
| <b>Oct 9</b>  | <i>Airport Operations, Radio Communication, 6:50 – 9:00 p.m.</i>           |
| <b>Oct 16</b> | <i>Airspace, Aviation Maps, 6:50 – 9:00 p.m.</i>                           |
| <b>Oct 23</b> | <i>Electronic Navigation, 6:50 – 9:00 p.m.</i>                             |
| <b>Oct 30</b> | <i>Understanding Weather, 6:50 – 9:00 p.m.</i>                             |
| <b>Nov 6</b>  | <i>Weather Charts and Briefings, 6:50 – 9:00 p.m.</i>                      |
| <b>Nov 13</b> | <i>Flight Planning, 6:50 – 9:00 p.m.</i>                                   |
| <b>Nov 20</b> | <i>Airplane Performance Charts, Weight and Balance, 6:50 – 9:00 p.m.</i>   |
| <b>Dec 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 September 11, 2020, at 7:00 p.m.***

To register, call (336) 409-6796.

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