

Ground Lesson	Date	Hours	Instructor
\$61.105 Aeronautical Knowledge Areas			
(b)(1) Applicable Federal Aviation Regulations of this chapter that relate to private pilot privileges, limitations, and flight operations;			
(2) Accident reporting requirements of the National Transportation Safety Board;			
(3) Use of the applicable portions of the “Aeronautical Information Manual” and FAA advisory circulars;			
(4) Use of aeronautical charts for VFR navigation using pilotage, dead reckoning, and navigation systems;			
(5) Radio communication procedures;			
(6) Recognition of critical weather situations from the ground and in flight, windshear avoidance, and the procurement and use of aeronautical weather reports and forecasts;			
(7) Safe and efficient operation of aircraft, including collision avoidance, and recognition and avoidance of wake turbulence;			
(8) Effects of density altitude on takeoff and climb performance;			
(9) Weight and balance computations;			
(10) Principles of aerodynamics, powerplants, and aircraft systems;			
(11) Stall awareness, spin entry, spins, and spin recovery techniques for the airplane and glider category ratings;			
(12) Aeronautical decision making and judgment; and			
(13) Preflight action that includes - (i) How to obtain information on runway lengths at airports of intended use, data on takeoff and landing distances, weather reports and forecasts, and fuel requirements; and (ii) How to plan for alternatives if the planned flight cannot be completed or delays are encountered.			

Ground Lesson	Date	Hours	Instructor
\$61.107 Flight Proficiency (ASEL)			
(b)(1)(i) Preflight preparation;			
(ii) Preflight procedures;			
(iii) Airport operations;			
(iv) Takeoffs, landings, and go-arounds;			
(v) Performance maneuvers;			
(vi) Ground reference maneuvers;			
(vii) Navigation;			
(viii) Slow flight and stalls;			
(ix) Basic instrument maneuvers;			
(x) Emergency operations;			
(xi) Night operations; and			
(xii) Postflight procedures.			