

Frederick Flight Center

PRIVATE PILOT GROUND SCHOOL

SYLLABUS 2018-AUGUST 7th to SEPTEMBER 27th

Week	Date	Day	Topic	Chapter	Test Prep Pages (Approx.)	Instructor
1	08/07	Tuesday	Intro; Airframes; Fundamentals of Aerodynamics	1A, 2A, 3A, 3B	Chap. 1	Adam
	08/09	Thursday	Flight instruments; basic maneuvers	2C, 3B, 3C	Chap. 3	Nadia
2	08/14	Tuesday	Airports & Airport Ops-Flight Computer	4B, 5A, 8C	Chap. 5	Chris
	08/16	Thursday	Weight & Balance-Flight Physiology	8B, 10A	Chap. 8: 8-3 through 8-12	Chris
3	08/21	Tuesday	Performance, Take-offs and Landings, En route	8A	Chap. 8: 8-24 to 8-44	Adam
	08/23	Thursday	Weather-Atmospheric heating, clouds, circulation	6A	Chap. 6: 6-3 through 6-6	Chris
4	08/28	Tuesday	Weather-Clouds & Thunderstorms; Air Masses & Fronts	6B, 6C	Chap. 6: 6-8 through 6-22	Chris
	08/30	Thursday	Weather-Operational weather, reports, forecasts	7A, 7B, 7C, 7D	Chap. 7	Chris
5	09/04	Tuesday	Aeronautical Charts; Visual Navigation, Airspace	4C, 9A, 4D	Chap. 9: 9-3 through 9-14, 9-33	Nadia
	09/06	Thursday	Flight Planning; En Route Navigation, VOR	11A, 11B	Chap. 10: 10-3 through 10-9	Adam
6	09/11	Tuesday	Radio Navigation: VOR, DME GPS	9B, 9D	Chap. 10	Nadia
	09/13	Thursday	Systems, Engines, Engine operations	2A, 2B, 2C	Chap. 2: 2-3 through 2-18	Adam
7	09/18	Tuesday	Federal Aviation Regulations (FAR's); Review	FAR/AIM	Chap. 4	Nadia
	09/20	Thursday	Review & Test Preparation	-	-	Adam
8	09/25	Tuesday	Final Exam	-	-	Chris
	09/27	Thursday	Exam de-brief	-	-	Nadia

Course to include a tour of the Tower, date TBA

Required Texts: *Private Pilot Manual, Jeppesen/Sanderson, 2015--*
ASA Private Pilot Test Prep 2017
FAR/AIM, 2018

Instructors: Adam Dodds, Certified Flight Instructor
Chris Bower, Certified Flight Instructor
Nadia Sakkal, Certified Flight Instructor

Required Equipment: Manual or Electronic E6B Flight Computer (Electronic: Sporty's, \$59.95 or ASA CX-2 Pathfinder, \$69.95)
Navigation Plotter, preferably with a rotating azimuth (\$12.00)
Washington Sectional Chart