



Aardvark Aeronautics



Fall 2017 Syllabus

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| Sep 12 | Aerodynamics - How the plane flies, turns and crashes | Text, Ch 2,3&4 |
| Sep 19 | Airframes and Power plants - engines and systems | Text, Ch 1,5&7 |
| Sep 26 | Flight Instruments and Aviation Physiology | Text, Ch 6, 15 |
| Sep 30 | Saturday morning Tour of the Marion Airport (Planes in Hanger, etc.) | 0800 & 0845 |
| Oct 3 | Weight & Balance, Performance, Emergencies , Night | Text, Ch 8, 9 |
| Oct 17 | Weather - The atmosphere and how it works | Text, Ch 10/ FARs, part 61 |
| Oct 24 | Weather Charts - Do it yourself forecasting and how to read aviation wxr reports | Text Ch 11 / FARs, Part 91 |
| Nov 7 | Navigation - Bring your E6B, Plotter and Chart | Text, Ch 14-1 to 14-17 |
| Nov 14 | Radio Nav - VOR, ADF, ILS and other meaningful acronyms BRING NAV GEAR & HOMEWORK | Text, Ch 14-17 |
| Nov 21 | FAR and the AIM; Regulations, rules and the meaning of life ("oh, so that's where that comes from") | Text, Ch 12, 13 / FAR 61 and 91 |
| Nov 28 | The operation of the Control Tower, Radar Apch Control and Air Traffic Control | Guest Speaker |
| Dec 5 | The Test Everything | Bring E6-B, Plotter & (calculator) |
| Dec 12 | Test Review (top 10, hints and guides...etc) - | OPTIONAL |

General Info: Frank is ex-Air Force, and holds FAA ratings of ATP, Commercial/Instrument, SEL and MEL. He is also a Certified Flight Instructor Instrument or CFI, CFII, MEI. He has flown over 28 types of aircraft and, at a weaker, younger moment, skydived. Frank is a mission pilot and check pilot for the USAF Civil Air Patrol

**Frank @
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