**SECOND SEMESTER**

**Jan 10-13**

**Unit 6: Navigation: Plotting, Pilotage, Paperwork**

**Pre-Course Exam**

**Section A** – Charts and Airspace Review

Lesson 1 Advanced Aeronautical Charts-1

Lesson 1 Advanced Aeronautical Charts-2

Lesson 2 Latitude, Longitude, and Time-1

**Jan 17-20**

Lesson 2 Latitude, Longitude, and Time-2

**Section B** – The Geometry of Navigation

Lesson 1 Drawing and Measuring Courses-1

Lesson 1 Drawing and Measuring Courses-2

Lesson 1 Drawing and Measuring Courses-3

**Jan 24-27**

Lesson 2 Which Way to Steer?-1

Lesson 2 Which Way to Steer?-2

Lesson 2 Which Way to Steer?-3

Lesson 2 Which Way to Steer?-4

**Jan 31 - Feb 3**

Lesson 3 Flight Computers-1

Lesson 3 Flight Computers-2

Lesson 3 Flight Computers-3

**Section C** – Planning a Cross-Country Trip

Lesson 1 Plotting Your Course-1

**Feb 7-10**

Lesson 1 Plotting Your Course-2

Lesson 2 Helpful Documents-1

Lesson 2 Helpful Documents-2

Lesson 3 VOR and GPS Navigation-1

**Feb 14-17 ---Grades Go In**

Lesson 3 VOR and GPS Navigation-2

Lesson 3 VOR and GPS Navigation-3

Lesson 3 VOR and GPS Navigation-4

**Unit 6 Exam**

**\*\*\*No School Feb 20-24\*\*\***

**Feb 28-Mar 3**

**Unit 7: Aircraft Performance**

**Section A** – Reading Aircraft Performance Charts

Lesson 1 Weight and Balance-1

Lesson 1 Weight and Balance-2

Lesson 1 Weight and Balance-3

Lesson 2 Density Altitude-1

**Mar 7-10**

Lesson 2 Density Altitude-2

Lesson 3 Takeoff and Landing Distances-1

Lesson 3 Takeoff and Landing Distances-2

Lesson 4 Aircraft Power Settings-1

**Mar 14-17**

Lesson 4 Aircraft Power Settings-2

Lesson 4 Aircraft Power Settings-3

Lesson 4 Aircraft Power Settings-4

**Unit 7 Exam**

**Mar 21-24**

**Unit 8: Aeromedical Factors: Am I Safe to Fly?**

**Section A** – Certificates, Regulations, and Safety

Lesson 1 Medical Certificates

**Section B** – Anatomy and Physiology

Lesson 1 It’s Getting Harder to Breathe-1

Lesson 1 It’s Getting Harder to Breathe-2

Lesson 2 Your Eyes are Deceiving You-1

**Mar 28-31**

Lesson 2 Your Eyes are Deceiving You-2

Lesson 2 Your Eyes are Deceiving You-3

Lesson 2 Your Eyes are Deceiving You-4

Lesson 3 Disorientation and Motion Sickness

**April 4-6 no school on 7th**

**Section C** – Drugs and Alcohol

Lesson 1 Drugs and Alcohol

**Section D** - Aeronautical Decision Making

Lesson 1 Aeronautical Decision Making-1

Lesson 1 Aeronautical Decision Making-2

**Unit 8 Exam**

**April 18-21**

**Unit 9: FAA Regulations Review**

**Section A** – Overview

Lesson 1 Regulations Overview

**Section B** – Part 61 Regulations

Lesson 1 FAR Part 61 Review-1

Lesson 1 FAR Part 61 Review-2

Lesson 1 FAR Part 61 Review-3

\*\*\*NO School  **April 11 -14 Easter\*\*\***

**April 25-28**

**Section C** – Part 91 Regulations

Lesson 1 FAR Part 91 Review-1

Lesson 1 FAR Part 91 Review-2

Lesson 1 FAR Part 91 Review-3

Lesson 1 FAR Part 91 Review-4

**May 2-5**

**Section D** – AIM, NTSB, and More

Lesson 1 Aeronautical Information Manual-1

Lesson 1 Aeronautical Information Manual-2

Lesson 2 ACs, ADs, NOTAMs, and the NTSB

**Unit 9 Exam**

**May 9-12**

**Unit 10: Private Pilot Projects**

**Section A** – Ground Instruction

Lesson 1 Teach a Private Pilot Lesson Section A – Ground Instruction-1

Lesson 1 Teach a Private Pilot Lesson Section A – Ground Instruction-2

Lesson 1 Teach a Private Pilot Lesson Section A – Ground Instruction-3

Lesson 1 Teach a Private Pilot Lesson Section A – Ground Instruction-4

**May 16-19**

Lesson 1 Teach a Private Pilot Lesson Section A – Ground Instruction-5

Lesson 1 Teach a Private Pilot Lesson Section A – Ground Instruction-6

Lesson 1 Teach a Private Pilot Lesson Section A – Ground Instruction-7

Lesson 1 Teach a Private Pilot Lesson Section A – Ground Instruction-8

**May 23-26**

Section B – Career Planning

Lesson 1 Career Portfolio Development

**Post-Course Exam**

May 30 - June 2