

## 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**

## Pilot

### **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