

Dates	Content
Aug. 11 - Sept. 9 (21 days)	<p><b>Unit 1: Aviation Weather Theory</b></p> <ul style="list-style-type: none"> <li>● Section A – Why Weather Matters <ul style="list-style-type: none"> <li>○ Lesson 1 Introduction to Aviation Weather</li> </ul> </li> <li>● Section B – Understanding Atmosphere <ul style="list-style-type: none"> <li>○ Lesson 1 Makeup of the Atmosphere</li> <li>○ Lesson 2 Atmospheric Circulation and Winds</li> <li>○ Lesson 3 Clouds and Precipitation</li> <li>○ Lesson 4 Air Masses and Fronts</li> <li>○ Lesson 5 Thunderstorms</li> </ul> </li> <li>● Unit 1 Exam</li> </ul>
Sept 10 - Oct. 1 (16 days)	<p><b>Unit 2: Aviation Weather Services</b></p> <ul style="list-style-type: none"> <li>● Section A – Weather Observations and Forecasts <ul style="list-style-type: none"> <li>○ Lesson 1 Introduction to Aviation Weather Services</li> <li>○ Lesson 2 Aviation Weather Observation &amp; Reporting</li> <li>○ Lesson 3 Aviation Forecasts and Weather Charts</li> </ul> </li> <li>● Section B – Getting Weather Information <ul style="list-style-type: none"> <li>○ Lesson 1 Preflight Weather Planning 3 33</li> <li>○ Lesson 2 In-flight Weather and Tactical Weather Decision Making</li> </ul> </li> <li>● Unit 2 Exam 1</li> </ul>
Oct. 11 - Nov. 12 (25 days)	<p><b>Unit 3: Airport Operations</b></p> <ul style="list-style-type: none"> <li>● Section A – Understanding Airports <ul style="list-style-type: none"> <li>○ Lesson 1 Introduction to Airports and Airport Data</li> <li>○ Lesson 2 Airport Markings and Signs</li> <li>○ Lesson 3 Airport Lighting</li> <li>○ Lesson 4 Traffic Patterns</li> <li>○ Lesson 5 Communications</li> <li>○ Lesson 6 ATC</li> <li>○ Lesson 7 Pilot Communications in the Airport Environment</li> <li>○ Lesson 8 Airport Safety and Pilot Considerations</li> </ul> </li> <li>● Unit 3 Exam</li> </ul>
Nov. 15 - Dec. 3 (12 days)	<p><b>Unit 4: Introduction to Aeronautical Charts and Airspace</b></p> <ul style="list-style-type: none"> <li>● Section A – Introducing Aeronautical Charts and Airspace <ul style="list-style-type: none"> <li>○ Lesson 1 Introduction to Aeronautical Charts</li> <li>○ Lesson 2 Introduction to the National Airspace System</li> </ul> </li> <li>● Unit 4 Exam</li> </ul>
Dec. 6 - Dec. 17 (10 days)	<p><b>1st Semester Review and Exam</b></p>

Jan. 3 - Feb. 4 (24 days)	<p><b>Unit 6: Navigation: Plotting, Pilotage, Paperwork</b></p> <ul style="list-style-type: none"> <li>● Section A – Charts and Airspace Review <ul style="list-style-type: none"> <li>○ Lesson 1 Advanced Aeronautical Charts</li> <li>○ Lesson 2 Latitude, Longitude, and Time</li> </ul> </li> <li>● Section B – The Geometry of Navigation <ul style="list-style-type: none"> <li>○ Lesson 1 Drawing and Measuring Courses</li> <li>○ Lesson 2 Which Way to Steer?</li> <li>○ Lesson 3 Flight Computers</li> </ul> </li> <li>● Section C – Planning a Cross-Country Trip <ul style="list-style-type: none"> <li>○ Lesson 1 Plotting Your Course</li> <li>○ Lesson 2 Helpful Documents</li> <li>○ Lesson 3 VOR and GPS Navigation</li> <li>○ Unit 6 Exam</li> </ul> </li> </ul>
Feb. 7 - Feb. 23 (12 days)	<p><b>Unit 7: Aircraft Performance</b></p> <ul style="list-style-type: none"> <li>● Section A – Reading Aircraft Performance Charts <ul style="list-style-type: none"> <li>○ Lesson 1 Weight and Balance</li> <li>○ Lesson 2 Density Altitude</li> <li>○ Lesson 3 Takeoff and Landing Distances</li> <li>○ Lesson 4 Aircraft Power Settings</li> </ul> </li> <li>● Unit 7 Exam</li> </ul>
Feb. 23 - Mar. 11 (12 days)	<p><b>Unit 8: Aeromedical Factors: Am I Safe to Fly?</b></p> <ul style="list-style-type: none"> <li>● Section A – Certificates, Regulations, and Safety <ul style="list-style-type: none"> <li>○ Lesson 1 Medical Certificates</li> </ul> </li> <li>● Section B – Anatomy and Physiology <ul style="list-style-type: none"> <li>○ Lesson 1 It's Getting Harder to Breathe</li> <li>○ Lesson 2 Your Eyes are Deceiving You</li> <li>○ Lesson 3 Disorientation and Motion Sickness</li> </ul> </li> <li>● Section C – Drugs and Alcohol <ul style="list-style-type: none"> <li>○ Lesson 1 Drugs and Alcohol</li> </ul> </li> <li>● Section D - Aeronautical Decision Making <ul style="list-style-type: none"> <li>○ Lesson 1 Aeronautical Decision Making</li> </ul> </li> <li>● Unit 8 Exam</li> </ul>
Mar. 14 - Apr. 1 (15 days)	<p><b>Unit 9: FAA Regulations Review</b></p> <ul style="list-style-type: none"> <li>● Section A – Overview <ul style="list-style-type: none"> <li>○ Lesson 1 Regulations Overview</li> </ul> </li> <li>● Section B – Part 61 Regulations <ul style="list-style-type: none"> <li>○ Lesson 1 FAR Part 61 Review</li> </ul> </li> <li>● Section C – Part 91 Regulations <ul style="list-style-type: none"> <li>○ Lesson 1 FAR Part 91 Review</li> </ul> </li> <li>● Section D – AIM, NTSB, and More <ul style="list-style-type: none"> <li>○ Lesson 1 Aeronautical Information Manual</li> <li>○ Lesson 2 ACs, ADs, NOTAMs, and the NTSB</li> </ul> </li> <li>● Unit 9 Exam</li> </ul>

Apr. 11 - Apr. 22 (10 days)	<b>Unit 10: Private Pilot Projects</b> <ul style="list-style-type: none"><li>● Section A – Ground Instruction<ul style="list-style-type: none"><li>○ Lesson 1 Teach a Private Pilot Lesson</li></ul></li><li>● Section B – Career Planning<ul style="list-style-type: none"><li>○ Lesson 1 Career Portfolio Development</li></ul></li></ul>
Apr. 25 - TBA	<b>2nd Semester Review and Exam</b> <b>Prepare for FAA Private Pilot Knowledge Test</b>