

SPRING 2010

Class Schedule



WASHINGTON PILOTS ASSOCIATION

Snohomish County Airport / Paine Field (425) 353-2110 Ext: 8

www.wpaflvs.org/aviation_academy.html

Week One	
<p><u>April 19</u> 7 PM to 8:30 PM Monday</p>	<p><u>Aviation Academy Welcome</u></p> <p><i>Introduction to the Aviation Academy. Review class materials, schedule and homework assignments. Proceed with the "Aviation and You" presentation.</i></p>
<p><u>April 21</u> 7 PM to 8:30 PM Wednesday</p>	<p><u>4 Forces of Flight</u> Read:178-199</p> <p><i>Aircraft motion and control, basic flight maneuvers, landings and stalls. (Lift - Weight - Thrust - Drag) and Flight Instruments.</i></p>
<p><u>April 24</u> 9 AM to 1 PM Saturday Meet at EvCC Aviation Dept. building</p>	<p><u>Tour of Paine Field Airport</u> Read:268-276</p> <p><i>This is a "behind the scenes" look at airport operations. Tours include the airport facilities, Fire Department, and the Museum of Flight's Restoration Center and flight schools.</i></p>
Week Two	
<p><u>April 26</u> 7 PM to 8:30 PM Monday</p>	<p><u>Props and Power</u> Read:200-234</p> <p><i>Power for flight, propellers, turbines, ramjets, aircraft systems and speculation on engines of the future.</i></p>
<p><u>April 28</u> 7 PM to 8:30PM Wednesday</p>	<p><u>Air Traffic Control</u> Read: 353-367</p> <p><i>Air Traffic Control System and airspace. Review non-tower and tower controlled airports, Air Route Traffic Control, Approach and Departure Control.</i></p>
<p><u>May 1</u> 8:45 AM to 11 AM Saturday Meet @ HFF</p>	<p><u>Historic Flight Foundation Tour</u></p> <p><i>A look at the new Future of Flight and see how large commercial airplanes are put together at the Boeing Company</i></p>

Week Three	
<p><u>May 3</u> 7 PM to 8:30 PM Monday</p>	<p><u>Weather</u> Read:386-448</p> <p><i>Earth's atmosphere, heat and temperature, wind, fog, dewpoint, clouds, air masses and fronts. Knowledge of weather is critical to any "go or no-go" decision.</i></p>
<p><u>May 5</u> 7 PM to 8:30 PM Wednesday</p>	<p><u>Careers in Aviation</u> Read:368-384</p> <p><i>This is your night! We will assemble as many experts from as many aviation fields as we can. They are here to answer any and all questions about careers in aviation.</i></p>
<p><u>May 8</u> 8:45 AM to 12 PM Saturday Meet at Future of Flight</p>	<p><u>Future of Flight Aviation Center & Boeing Tour</u></p> <p><i>A look at the new Future of Flight and see how large commercial airplanes are put together at the Boeing Company.</i></p>
Week Four	
<p><u>May 10</u> 7 PM to 8:30 PM Monday</p>	<p><u>Navigation and Charts</u> Read:235-267</p> <p><i>The science of navigation, and the earth's reference system as it applies to Sectional Chart Navigation (pilot maps). The study will include wind correction and magnetic deviation.</i></p>
<p><u>May 12</u> 7 PM to 8:30 PM Wednesday</p>	<p><u>Cross Country Flight Planning</u></p> <p><i>Review Sectional charts in preparation for the "fly-out" on Saturday. Note: The Young Eagles form must be on file in order to participate on Saturday!</i></p>
<p><u>May 15</u> 9:00 AM to 4 PM Saturday Coincides with GA Day @ Paine Field Flight Times TBD</p>	<p><u>Graduation and Flights</u></p> <p><i>Weather permitting, students will be assigned to volunteer pilots and their airplanes from the Washington Pilots Association for a flight around the Puget Sound area.</i></p>