AVIA 475L – Airline Transport Pilot (Flying course only)

Associated Term: Fall 2016 (Course Available on an As-Needed Basis)
Registration Dates: As Needed
Levels: Non-credit (Certificate-Level Flying Laboratory Course)

Main Campus/Delaware Airpark
Lecture/Flight Lab Schedule Type
0.000 Credits

<table>
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<tr>
<th>Type Time Days Where</th>
<th>Date Range Schedule Type</th>
<th>Instructors</th>
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<td>Class TBD TBD Delaware Airpark TBD</td>
<td>Lecture/Flight Lab</td>
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Scheduled Meeting Times

Detailed Course Information

AVIA 475L – Airline Transport Pilot (Flying course only)

Provides the student with the flight time and instruction to demonstrate all maneuvers and operations required to earn the FAA Airline Transport Pilot Certificate. The student will be prepared to successfully complete the FAA Airline Transport Pilot Airplane, Multi-Engine (ATP-ME) oral and practical examinations administered by the FAA or its appointed examiners. Consists of four (4) 1-hour training flights, the FAA Practical Test, and unlimited pre- and post-flight briefings per lesson. Prerequisites: FAA Commercial Pilot Certificate, Airplane-Multi-Engine, ATP Written/Qualification Course Completion Certificate or Diploma. FAA First, Second, or Third Class Medical Certificate.

Levels: Non-credit
Schedule Types: Lecture/Flight Lab

Academic Affairs Dept. (Department of Continuing Adult Education)
Business Administration Department

Course Syllabus (AVIA 475L) ATP Flying Course: PA-34-200 Seneca
Flight 1 (1-hour)
- Aircraft Performance and Weight and Balance Calculations
- Normal Checklists
- Normal Takeoffs, Airport Traffic Patterns, and Landings
- Steep Turns
- Slow Flight
- Approaches to Stalls (Departure, Clean, and Approach to Landing)

Flight 2 (1-hour)
- Normal Checklists
- Normal Takeoffs, Airport Traffic Patterns, and Landings
- Crosswind Takeoffs and Landings
- Instrument Approach Procedures (Both Engines Operating)
- Unusual Attitude Recoveries
- Steep Turns
- Approaches to Stalls (Departure, Clean, and Approach to Landing)
- No-Flap Approach and Landing

Flight 3 (1-hour)
- Normal/Abnormal/Emergency Checklists
- Engine Failures on Takeoff (Simulated, no lower than 500’ AGL)
- Engine Failures Enroute (Including Engine Shutdown/Restart)
- One Engine Inoperative Approaches, Go-Arounds, and Landings
- Circling Approach
- Holding

Flight 4 (1-hour)
- ATP Check-ride Preparation/Clean up any items as necessary
- (2 Precision, 2 Non-Precision Approaches)
- Partial Panel Instrument Approach
- One Procedure Turn/Full Procedure Approach

Flight 5 (up to 2-hours)
- FAA ATP Check-ride

**TOTAL COURSE COST: $2250 (NOT including the FAA Examiner’s Fee)**

Any additional required flying/training will be charged at a rate of $250/flight hour + $50/hour for ground instruction over and above the specified program cost.