AVIA 465L – Certified Flight Instructor-Instrument Airplane Multi-Engine, Part 61 (Flying course only)

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

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

<table>
<thead>
<tr>
<th>Scheduled Meeting Times</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type</strong></td>
</tr>
<tr>
<td>Class</td>
</tr>
</tbody>
</table>

Detailed Course Information

AVIA 465L – Certified Flight Instructor-Instrument Airplane Multi-Engine, Part 61 (Flying course only)

Provides the student with the flight time and instruction to demonstrate all maneuvers and operations required to earn the FAA Certified Flight Instructor (CFI)-Instrument Airplane Multi-Engine Certificate. Upon completion of this course, the student will be prepared to successfully complete the FAA CFI-Instrument Airplane Multi-Engine oral and practical examinations administered by the FAA or its appointed examiners. Ten (10) 1-hour training periods in the CR-12 Flight Training Device and Twenty Two (12) hours of flying training in the PA-34 series airplane, and one hour pre- and post-flight briefing per lesson. 0.00 Credits Corequisites: FAA Certified Flight Instructor Certificate, Airplane Single-Engine. FAA Flight Instructor-Instrument Airplane Knowledge Test Completed with a passing score of 70% or above. FAA First, Second, or Third Class Medical Certificate.

Levels: Undergraduate
Schedule Types: Lecture/Flight Lab
Course Syllabus (AVIA 465L) CFI-I AME: CR-12 (FTD)

Ten (10) 1-hour training periods to refresh/emphasize instrument flying operations in the same type of aircraft currently in use at DSU. This will consist of 5 hours using the PA-28 series airplane and 5 hours of the PA-34 series airplane.

- Normal Aircraft Operations (checklists)
- Abnormal/Emergency Aircraft Operations (checklists)
- Normal Attitude Instrument flying
- Abnormal Attitude Instrument flying
- Normal Instrument Approaches of all types
- Abnormal Instrument Approaches of all types

Twelve (12) 1-hour training flights to reinforce the concepts of basic airplane qualification and Instrument Instructor competency in the PA-34 series airplane. Emphasis will be placed on Multi-Engine Operations as well as Instrument flying skills

- Normal Checklists
- Normal Takeoffs, Airport Traffic Patterns, and Landings
- Crosswind Takeoffs and Landings
- Engine Failures/One Engine Inoperative Approaches and Landings
- Instrument Approach Procedures (Both Engines Operating)
- Instrument Approach Procedures (One Engine Inoperative)
- Unusual Attitude Recoveries
- Steep Turns
- Approaches to Stalls (Departure, Clean, and Approach to Landing)
- Vmc Demonstration
- Drag Demonstration
- In-Flight Engine Shutdowns and Restarts
- No-Flap Approaches and Landings

TOTAL COURSE COST: $4625.00 (NOT including the FAA Examiner's Fee)

Any additional required flying/training in the PA-34 will be charged at a rate of $250/flight hour + $50/hour for ground instruction over and above the program cost.