



PROFESSIONAL FLIGHT PROGRAM

Student Name _____

The following represents the standard flow and criteria SCSU students must follow and accomplish in the professional flight program. In order to graduate with a B.S. in Aviation – Professional Flight all appropriate Blocks must be signed off to finish with a Commercial Pilot Certificate, Multi-Engine Rating, and Flight Instructor Certificate. Options are explained at the end of the document. Any exceptions require prior approval from the SCSU Director of Flight Education.

BLOCK	TRAINING CONTENT	HOURS	COST
A	<p>Private Pilot Certificate</p> <ul style="list-style-type: none"> • Syllabus: Jeppesen Private Pilot <ul style="list-style-type: none"> • Differences <ul style="list-style-type: none"> ○ Stage Check II conducted before first solo cross-country <ul style="list-style-type: none"> ○ Conduct Lesson 20 before Lesson 19 ○ Additional Criteria <ul style="list-style-type: none"> ○ Utilize a variety of nearby airports ○ Use of other towered airports ○ Use of non-tower airports ○ Perform diversions to completion ○ Utilize in-flight weather and information resources ○ Utilize a minimum of three airports on each cross country ○ Utilize various fueling options on cross countries including self-service ○ Use scenarios on cross countries to include finding and utilizing a variety of services including maintenance, ground transportation, etc. ○ Utilize actual soft fields (dual only) ○ Taxi operations at unfamiliar larger airports ○ Visit Princeton FSS ○ Utilize GPS navigation <p>Instructor Sign-Off _____ Date _____</p>	45	\$7,000



Aviation PROFESSIONAL FLIGHT PROGRAM

BLOCK	TRAINING CONTENT	HOURS	COST
B	<p>Pilot-in-Command Experience</p> <ul style="list-style-type: none"> • Cross-Country <ul style="list-style-type: none"> ○ Navigation Experience <ul style="list-style-type: none"> ▪ Dead Reckoning, pilotage, VOR, GPS ▪ Use of in-flight weather services <ul style="list-style-type: none"> • EFAS, FSS, HIWAS ▪ Utilizing variety of airports types ▪ Demonstrate a variety of trip lengths and multiple airport segments ○ ATC experience <ul style="list-style-type: none"> ▪ Other tower airports ▪ VFR Flight Following ▪ TRACON experience <ul style="list-style-type: none"> • Class B, C, and other • Landing and traversing ○ Commercial Requirements (solo) <ul style="list-style-type: none"> ▪ 300nm (minimum) x-c, three airports, one airport 250nm from departure <p>(Accomplish concurrently with Blocks C, D, & E – 50/60% of this section needs to be completed by Block E)</p> • Solo <ul style="list-style-type: none"> ○ 5 hours night <ul style="list-style-type: none"> ▪ Two night cross countries with minimum of three legs ▪ 10 night takeoffs & landings at control tower <p>(Accomplish concurrently with Blocks C, D, & E)</p> • Safety Pilot Guidelines <ul style="list-style-type: none"> ○ Safety Pilot utilization provides opportunity to share flight costs ○ Safety Pilots cannot log x-c time (landing requirements are not met) ○ Pilots must discuss CRM before flights including <ul style="list-style-type: none"> ▪ Decision making ▪ Transfer of controls ▪ Communication ▪ Workload duties ○ Safety Pilots must not teach maneuvers/operations <p>Director of Flight Education Sign-Off _____ Date _____</p> 	26	\$2,300
		5	\$450



Aviation PROFESSIONAL FLIGHT PROGRAM

BLOCK	TRAINING CONTENT	HOURS	COST
C	Dual Experience <ul style="list-style-type: none"> • C-172 Checkout (if needed) <ul style="list-style-type: none"> ○ 2 hours ○ Instructor Sign-Off _____ Date _____ 	2	\$300
	<ul style="list-style-type: none"> • Dual Cross Countries <ul style="list-style-type: none"> ○ Commercial Day Cross-Country <ul style="list-style-type: none"> ▪ Landing 100nm minimum from departure point ▪ Three airports (SCSU requirement) ▪ 2 Hours minimum ○ Commercial Night Cross-Country <ul style="list-style-type: none"> ▪ Landing 100nm minimum from departure point ▪ Three airports (SCSU requirement) ▪ 2 Hours minimum ○ Instructor Sign-Off _____ Date _____ 	4	\$500
	<p>(Complete before completing Block E to count towards PIC cross country for Instrument requirements)</p> <ul style="list-style-type: none"> • Complex Aircraft Training and Endorsement <ul style="list-style-type: none"> ○ Jeppesen Instrument/Commercial Syllabus ○ 5 hours ○ Instructor Sign-Off _____ Date _____ <p>(Complete before Block D)</p>	5	\$1,000
D	Multi-Engine Rating VFR <ul style="list-style-type: none"> • Syllabus: Jeppesen Instrument Commercial <ul style="list-style-type: none"> • Multi-Engine section <ul style="list-style-type: none"> ○ Omit IFR topics • Additional Criteria <ul style="list-style-type: none"> ○ Drag demonstration ○ EFIS usage <p>This Block needs to be completed before LOFT training (Block F) and SE commercial (Block H)</p> <p>Instructor Sign-Off _____ Date _____</p>	12	\$3,500



PROFESSIONAL FLIGHT PROGRAM

BLOCK	TRAINING CONTENT	HOURS	COST																																																																																										
E	<p>Instrument Rating – Single-Engine</p> <ul style="list-style-type: none"> • Syllabus: Jeppesen Instrument Commercial <ul style="list-style-type: none"> • Instrument section • Differences <ul style="list-style-type: none"> ○ Two Stage Checks <ul style="list-style-type: none"> ○ Stage Check I – Lesson 13 ○ Stage Check III – Lesson 29 ○ FTD vs. Airplane use 	45	\$6,200																																																																																										
<table border="1"> <thead> <tr> <th>Lesson</th> <th>FTD</th> <th>Airplane</th> <th>Lesson</th> <th>FTD</th> <th>Airplane</th> </tr> </thead> <tbody> <tr><td>1</td><td>X</td><td>X</td><td>15</td><td>X</td><td>X</td></tr> <tr><td>2</td><td>X</td><td></td><td>16</td><td>X</td><td>X</td></tr> <tr><td>3</td><td>X</td><td>X</td><td>17</td><td>X</td><td>X</td></tr> <tr><td>4</td><td>X</td><td></td><td>18</td><td>X</td><td></td></tr> <tr><td>5</td><td></td><td>X</td><td>19</td><td>X</td><td></td></tr> <tr><td>6</td><td>X</td><td>X</td><td>20</td><td>X</td><td></td></tr> <tr><td>7</td><td></td><td>X</td><td>21</td><td>X</td><td>X</td></tr> <tr><td>8</td><td>X</td><td></td><td>22</td><td>X</td><td></td></tr> <tr><td>9</td><td></td><td>X</td><td>23</td><td></td><td>X</td></tr> <tr><td>10</td><td>X</td><td></td><td>24</td><td>X</td><td></td></tr> <tr><td>11</td><td></td><td>X</td><td>25</td><td></td><td>X</td></tr> <tr><td>12</td><td>X</td><td>X</td><td>26</td><td></td><td>X</td></tr> <tr><td>13</td><td>X</td><td>X</td><td>27</td><td></td><td>X</td></tr> <tr><td>14</td><td>X</td><td></td><td>29</td><td></td><td>X</td></tr> </tbody> </table>				Lesson	FTD	Airplane	Lesson	FTD	Airplane	1	X	X	15	X	X	2	X		16	X	X	3	X	X	17	X	X	4	X		18	X		5		X	19	X		6	X	X	20	X		7		X	21	X	X	8	X		22	X		9		X	23		X	10	X		24	X		11		X	25		X	12	X	X	26		X	13	X	X	27		X	14	X		29		X
Lesson	FTD	Airplane	Lesson	FTD	Airplane																																																																																								
1	X	X	15	X	X																																																																																								
2	X		16	X	X																																																																																								
3	X	X	17	X	X																																																																																								
4	X		18	X																																																																																									
5		X	19	X																																																																																									
6	X	X	20	X																																																																																									
7		X	21	X	X																																																																																								
8	X		22	X																																																																																									
9		X	23		X																																																																																								
10	X		24	X																																																																																									
11		X	25		X																																																																																								
12	X	X	26		X																																																																																								
13	X	X	27		X																																																																																								
14	X		29		X																																																																																								
<p>Lessons should be completed in sequence. Lessons in the FTD must be completed before the same or higher number lesson in an airplane. Lessons can be combined at the instructor's discretion.</p> <ul style="list-style-type: none"> • Additional Criteria <ul style="list-style-type: none"> ○ Two flights in Class B airspace (minimum) ○ IFR cross country must include TRACON airspace ○ Day and night training ○ PIC cross country time (about 10 hours) <p>*Note – 50 hours PIC cross country is required for instrument rating and is not included in average cost listed in this block.</p> <p>Instructor Sign-Off _____ Date _____</p>																																																																																													



PROFESSIONAL FLIGHT PROGRAM

BLOCK	TRAINING CONTENT	HOURS	COST
F	<p>Pilot Professionalism – Simulator</p> <ul style="list-style-type: none"> • Syllabus: SCSU LOFT <ul style="list-style-type: none"> • Line Oriented Flight Training • CRM <p>Director of Flight Education Sign-Off _____ Date ____</p>	30	\$2,100
G	<p>Remaining Flight Time</p> <p>1. Time required to reach the required 250 total hours for Commercial</p> <p>(This should be planned and accomplished concurrently from Blocks B to H)</p>	45	\$3,600
H	<p>Commercial Pilot Certificate – Single-Engine</p> <ul style="list-style-type: none"> • Syllabus: Jeppesen Instrument Commercial <ul style="list-style-type: none"> • Instrument section • Differences <ul style="list-style-type: none"> ○ For Commercial SE omit Flight Lesson 86 and use Flight Lesson 87 as final Stage Check ○ Complete cross-country lessons including commercial long cross-country (Com SE Lesson 43) as necessary to meet requirements and proficiency for practical test. <p>Instructor Sign-Off _____ Date _____</p>	25	\$4,900
I	<p>Multi-Engine Commercial – Add-on</p> <ul style="list-style-type: none"> • Syllabus: Jeppesen Instrument Commercial <ul style="list-style-type: none"> • Multi-Engine section • Additional Criteria <ul style="list-style-type: none"> ○ Drag demonstration ○ EFIS usage <p>Instructor Sign-Off _____ Date _____</p>	10	\$3,000



Aviation PROFESSIONAL FLIGHT PROGRAM

BLOCK	TRAINING CONTENT	HOURS	COST
J	Flight Instructor Certificate - Airplane Single-Engine <ul style="list-style-type: none"> • Syllabus: SCSU Flight Instructor Instructor Sign-Off _____ Date _____	13	\$4,000
TOTAL	Flight time, check ride, and ground training costs		\$38,850

Notes: Hours and costs are approximate based on a student regularly scheduling and completing flight lessons. Cost estimates are also based on the use of Wright Aero aircraft and include check rides and ground training.

Options

- Initial Multi-Engine as Commercial-Pilot add-on
 - Omit VFR Private Pilot Multi-Engine Block
 - Increase Pilot-in-Command Experience to compensate
- Initial Commercial Pilot Multi-Engine
 - Complete initial Commercial Pilot requirements in Multi-Engine Aircraft
 - Accomplish add-on Commercial Pilot Single-Engine
- Initial Instrument Rating in Multi-Engine airplane
 - Accomplish instrument training primarily in Multi-Engine airplane
 - Accomplish at least 5 hours of instrument training in Single-Engine airplane
 - Including approaches