

## B.S in Aerospace/Aviation Sciences - Fixed-Wing Emphasis - 2020-2021

	Course	Title	Cr.	When	Prerequisites
Required GE courses	FIN 2870	Personal Finance	3	F/S/Su	
	PHYS 1010	Elementary Physics	3	F/S/Su	MATH 1010 recommended
Other GE courses are required to graduate with a Bachelor's Degree from SUU. The above-listed courses count for both GE and Major Requirements					
Required Core Courses	PILT 1010	Air Transportation	3	F/S	
	PILT 1040	Aviation Orientation	1	F/S	
	PILT 1100	Private Pilot Ground School	4	F/S	
	PILT 1250	Instrument Ground School	3	F/S	PILT 1145 or PILT 1150 or Instructor Permission
	PILT 1420	Aircraft Systems	3	F/S	
	PILT 1620	Flight Management Systems	3	F/S	Instructor Permission
	PILT 1740	Aviation Safety and Security	3	F/S	
	PILT 2050	Aviation Meteorology	3	F/S/*	PILT 1040 or PILT 1100 or Instructor Permission
	PILT 2100	Commercial Ground School	3	F/S/*	PILT 1155 or PILT 1250 or Instructor Permission
	PILT 2160	Aviation Law	3	F	PILT 2100 or PILT 2105 or Instructor Permission
	PILT 2250	Aerodynamics	3	F/S/*	PILT 1100 or PILT 1420 or Instructor Permission
	PILT 3310	Human Factors and Safety	3	F/S	PILT 1100 or PILT 1740 or Instructor Permission
	PILT 3340	CFI Ground School	3	F/S	PILT 2100 or PILT 2105 or Instructor Permission
	PILT 3410	Air Traffic Control	3	S	Instructor Permission
	PILT 3430	Aero Dec Making- Crew Resource Mgmt	3	F	Instructor Permission
	PILT 3640	Aeromedical	3	S	Instructor Permission
	PILT 4020	Aviation Economics	3	S	Instructor Permission
PILT 4770	Jet Transportation Systems	3	S	Instructor Permission	
Fixed-Wing Emphasis Courses	PILT 1140	Solo Pilot RW Lab	1	F/S/Su	<b>Co-Req</b> PILT 1100
	PILT 1150	FW Private Certification ASEL Lab	2	F/S	PILT 1100 & 1140 or Instructor Permission
	PILT 1300	FW Instrument Certification Lab	3	F/S	PILT 1150 & 1250 or Director of Flight Ops Per.
	PILT 2200	FW Commercial Phase I Lab	3	F/S/Su	PILT 1300 or 1310 & 2100 or Dir of FO Permission
	PILT 2230	FW Commercial Phase II ASEL Lab	3	F/S/Su	<b>Co Req</b> PILT 3340 Pre Req PILT 1300 & 2200 or DFO Per
	PILT 2270	FW Commercial AMEL Add-On Lab	1	F/S/Su	PILT 2230 or Director of Flight Operations Permission
	PILT 2400	FW CFII Lab	1	F/S/Su	PILT 2300 or 3300 or 2350 or Dir of Flight Ops Permission
PILT 3300	FW Initial CFI ASEL Lab	3	F/S/Su	PILT 2230 or 2260 & 2340 or 3340 or Dir of Flight Ops Per.	
<b>Free Electives (18-21 Credits)</b>					
Recommended Electives	PILT 1011	Aviation Tutor Lab 1	1	F/S/Su	
	PILT 1021	Aviation Tutor Lab 2	1	F/S/Su	
	PILT 1031	Aviation Tutor Lab 3	1	F/S/Su	
	PILT 1041	Aviation Tutor Lab 4	1	F/S/Su	
	PILT 1051	Aviation Tutor Lab 5	1	F/S/Su	
	PILT 1130	Unmanned Aerial Systems Basics	3	F/S	
	PILT 1160	FW ASEL Private Add-On Lab	1	F/S/Su	
	PILT 1170	FW AMEL Private Add-On Lab	1	F/S/Su	PILT 1150 or 1155 or 1160 or Director of Flight Ops Perm
	PILT 2260	FW SEL Commercial Pilot Add-On Lab	1	F/S/Su	PILT 1300 & 2240 or Director of Flight Ops Permission
	PILT 2350	FW CFI ASEL Add-On Lab	1	F/S/Su	PILT 2320 or PILT 3320 or Instructor Permission
	PILT 2360	FW CFI AMEL Add-On Lab	1	F/S/Su	PILT 2300 or PILT 3300 or Instructor Permission
	PILT 2500	FW Tailwheel Transition Lab	1	F/S/Su	PILT 1150 or 1160 or Director of Flight Ops Permission
	<b>PILT 3275</b>	Airline and Dispatch Operations	3	F	
	PILT 4340	Aerial Application	3	F	
PILT 4890	Professional Aviation Internship	1	*		
Upper Division credits (3000-4999) to total 40					
	*As Needed				