

B.S in Aerospace/Aviation Sciences - Rotor-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	
Rotor-Wing Emphasis Courses	PILT 1145	Solo Pilot RW Lab	3	F/S	PILT 1100 or Instructor Permission
	PILT 1155	Private Pilot RW Certification Lab	3	F/S	PILT 1145 or Director of Flight Operations Permission
	PILT 2355	RW CFI Instrument Certification Lab	1	F/S	PILT 2305 or 3301 & PILT 1315 or 2275 or Ins Per
	PILT 3304	141-FW-Initial-CFI-ASEL Lab	3		PILT 2230 or 2260 & 3340 or Director of Flight Ops Per.
Select one of the Following Combinations					
	PILT 2215— PILT 2275	Instrument Commercial RW Lab A— Instrument Commercial RW Lab B	3— 3		PILT 1155 & PILT 2100 or Instructor Permission — PILT 2215— or— Instructor Permission—
	PILT 2216 PILT 2276	Instrument Commercial RW Lab A2 Instrument Commercial RW Lab B2	3 3	F/S/Su F/S/Su	PILT 1155 & PILT 1250 or Instructor Permission PILT 2100 & PILT 2216 or Instructor Permission
Free Electives (18-21 Credits)					
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 1305	RW Reciprocating Transition Lab	4		PILT 1155 or Instructor Permission
	PILT 2405	RW Turbine Transition Lab	4		PILT 1155 or Instructor Permission
	PILT 2445	RW Mountain Operations Lab	1	F/S	PILT 2050 & PILT 2355 or Instructor Permission
	PILT 2455	RW Utility Operations Lab	1	F/S	PILT 2355 or Instructor Permission
	PILT 2465	Night Vision Goggle RW Lab	1	F/S/Su	PILT 3310 & (2245 or 2275) or Instructor Permission
	PILT 3275	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				