

Associate of Applied Science Aviation- Unmanned Aircraft Operator Emphasis 2020-21

	Course	Title	Cr.	When	Prerequisites
Required GE courses	ENGL 1010	Introduction to Academic Writing	3	F/S/Su	
	MATH 1050	College Algebra	4	F/S/Su	MATH 1010 or ALEKS score of 50 or higher
		American Institutions Class	3	F/S/Su	
		Humanities or SS GE (FIN 2870 recm'd)	3	F/S/Su	
		One additional GE from FA, LS or PS	3	F/S/Su	
Aviation - Unmanned Aircraft Operator Emphasis requirements					
Aviation Unmanned Aircraft Operator Required Core (29 Credits)	COMM 2200	Video Production	3	F/S	
	EET 1700	Circuit Analysis	3	F	MATH 1050 (can be concurrent)
	PILT 1040	Aviation Orientation	1	F/S/Su	
	PILT 1100	Private Pilot Ground School	4	F/S	
	PILT 1130	Unmanned Aerial Sstems Basics	3	F/S	
	PILT 1135	Unmanned Aircraft LOS and BLOS Flight Lab	2	F/S	PILT 1130 or Instructor Permission
	PILT 1430	Unmanned Aircraft Comp, Robotics & Circuitry	3	F/S	
	PILT 2050	Aviation Meteorology	3	F/S/*	PILT 1040 or PILT 1100 or Instructor Permission
	PILT 2255	Aerodynamics	3	F/S/*	PILT 1100 or PILT 1420 or Instructor Permission
	PILT 2510	UAS Mission Plan. & Ops, Photogrammetry & GIS	3	F/S	Co-Req PILT 2515, Pre-Req 1135
	PILT 2515	UAS Mission Flight Lab	2	F/S	Co-Req PILT 2510, Pre-Req 1135
Unmanned Aircraft Operator Electives (18-19 Credits)	COMM 3504	Practicum Video Lab	1	F/S	
	COMM 4750	Advanced Video Editing	3	F	
	COMM 4760	Advanced Video and Film Production	3	S	
	GEOG 2900	GPS Theory, Techniques and Methods	2	S	
	GEOG 3110/15	The Earth from Space: Intro to Remote Sensing/Lab	3/1	S-odd	
	GEOG 3550/55	Priniples of Geographic Information Systems/Lab	3/2	F	
	GEOG 4150	Advanced GIS Analysis Methods Lab	3	S	
	PILT 1010	Air Transportation	3	F/S	
	PILT 1140	FW Solo Lab	1	F/S/Su	
	PILT 1145	Solo Pilot RW Lab	3	F/S	
	PILT 1150	FW Private Certification ASEL Lab	2	F/S	
	PILT 1155	Private Pilot RW Certification Lab	3	F/S	
	PILT 1250	Instrument Ground School	3	F/S	
	PILT 1300	FW Instrument Certification Lab	3	F/S	
	PILT 1305	RW Reciprocating Transition Lab	1	F/S	
	PILT 1420	Aircraft Systems	3	F/S	
	PILT 1620	Flight Management Systems	3	F/S	
	PILT 1740	Aviation Safety and Security	3	F/S	
	PILT 2890	Aviation Internship	1-4	As needed	
	PILT 3310	Human Factors and Safety	3	F/S	
Free Electives to total 63 - 66 Credits					

* = As needed