

School of Aviation Course Offerings 2018 2019

Please remember the amount of electives that must be 3000 or 4000 level electives in your track

Flight Electives Fixed Wing		
AERO 2106	Private Pilot Ground	3
AVIA 3106	Private Pilot Flight	1
AVIA 3107	Instrument	
	CFI Ground School	
AVIA 3024	CFI Flight	
AVIA 3025	CFII Ground School	
AVIA 3026	CFII Flight	
AVIA 3030		
AVIA 3031	Unusual Attitude and Upset Recovery	
AVIA 3032	Basic Aeronautics	

All ground schools are available Fall and Spring in class.

Flight Electives Helicopter		
AVIA 3081	Helicopter Private Flight	1
AVIA 3083	Helicopter Instrument Flight I	1
AVIA 3084	Helicopter Instrument Flight II	1
AVIA 3086	Helicopter Commercial Flight	1
AVIA 3087	Helicopter CFI Flight	1
AVIA 3089	Helicopter CFI Flight II and subject to change.	1
AVIA 4008	Helicopter Sling Load	1
AVIA 4012	Helicopter Night Vision Goggles	1

AERO/AVIA/BUSA Electives		
AERO 2103		3
AERO 4110	Aerospace Propulsion Systems (F/S)	3
AVIA 1101	Perspectives on Aviation (F/S)	4
AVIA 4001	Advanced Aerodynamics (S)	3
AVIA 4002	Advanced Navigation (F)	3
AVIA 4004	Advanced Aircraft Systems (F)	3
AVIA 4010	Aviation Internships (F/S) **Dept. Chair permission required	3
AVIA 4500	Regional Jet Operation (S)	3
AVIA 4500L	Regional Jet Simulator (S) (lab fees apply)	1
BUSA 1105	Intro to Business (F)	3

Space Electives		
ASPC 3001	Introduction to Space Flight (F/S)	3

A minimum grade of "C" is required for all aviation related courses (AMGT, ASTP, AMTP, AMKT, AERO, AVIA, ASPC, ASTC, AVNC, ATCM) that are required for graduation in an aviation certificate and/or degree program.

Aviation Requirements		
AERO 2102	Aviation Meteorology (F/S/Summer)	3
AERO 2104	Aviation Safety (F/S)	3
	Human Factors (F/S)	

	Intro to ATC (F/S)	
	ATC Tower (F/S)	
	Non Radar (F/S)	3
Purchasing & Materials Mgmt (S)		
AERO 3100	Instrument Principles (S)	3

UAS Electives		
AERO 3001	UAS Concepts* Permission of instructor	3
	UAS Concepts Lab* Permission of instructor	2
AERO 3011	UAS Regulations* Permission of instructor	3
AERO 3011L	UAS Regulations Lab* Permission of instructor	2
AERO 4021	UAS Platform & System Development* Permission of instructor	3
AERO 4021L	UAS Platform & System Development Lab* Permission of instructor	2
AERO 4031	UAS Flight Operations* Permission of instructor	3
AERO 4031L	UAS Flight Operations Lab* Permission of instructor	2

Management Electives		
AMGT 3102	Fundamentals of Aviation Business Ethics in the Aviation Profession (F)	3
AMGT 3141	Fundamentals of Leadership & Decision Making (S)	3
AMGT 3200	Globalization and HRM (S)	3
AMGT 3205	Airport Planning and Construction (F)	3
AMGT 3209	Airport Legislative Affairs (S)	3
AMGT 3210	Airline Management (S)	3
AMGT 4206	Airport Operations and Security (F)	3
AMGT 4210	Aviation Financial Management (F)	3
AMGT 4301	Principles of Transportation (S)	3
AMKT 3209	Airline Marketing (F)	3
ATCM 1300	Fundamentals of Air Traffic Control (S)	3

Logistics Electives		
AMGT 3201	Fundamentals of Logistics (F)	3
AMGT 3101	Business Research Methodology (F)	3
AMGT 3107	Fundamentals of Operations Mgmt. (S)	3
AMGT 3114		3
AMGT 3211	Application of Technology in Logistics (S)	3
AMGT 4302	Supply Chain Management (F)	3
AMGT 4304		3