

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 Pilot Ground	3
AVIA 3018	Instrument Pilot Flight	1
AVIA 3019	Commercial Pilot Ground	3
AVIA 3020	Commercial Pilot Flight	1
AVIA 3021	Commercial Pilot Multi Ground	3
AVIA 3022	Commercial Pilot Multi Flight	1
AVIA 3023	CFI Ground School	3
AVIA 3024	CFI Flight	1
AVIA 3025	CFII Ground School	3
AVIA 3026	CFII Flight	1
AVIA 3030	Tail wheel operation flight	1
AVIA 3031	Unusual Attitude and Upset Recovery	2
AVIA 3032	Basic Aeronautics	1

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 CFII Flight	1
AVIA 4008	Helicopter Sling Load	1
AVIA 4012	Helicopter Night Vision Goggles	1

AERO/AVIA/BUSA Electives		
AERO 2103	Flight Principles (S)	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

Aviation Requirements		
AERO 2102	Aviation Meteorology (F/S/Summer)	3
AERO 2104	Aviation Safety (F/S)	3
AERO 2105	Aviation Regulations (F/S/Summer)	3
AERO 2107	Aviation Law and Insurance (F/S)	3
AERO 2108	Human Factors (F/S)	3
AMGT 3203	Airport Management (F/S/Summer)	3
AMGT 3204	International Airline Business (F/S/Summer)	3
AMGT 4207	Airline Technical Ops (F/S/Summer)	3
AMGT 4215	Critical Topics in Aviation (F/S/Summer)	3

ATC Electives		
ATCM 1200	Intro to ATC (F/S)	3
ATCM 2201	ATC Tower (F/S)	4
ATCM 2202	Radar Operations (F/S)	4
ATCM 2220	Inst. Flight & Non-Radar (F/S)	3
AERO 3100	Instrument Principles (S)	3

UAS Electives		
AERO 3001	UAS Concepts* Permission of instructor	3
AERO 3001L	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	Purchasing & Materials Mgmt. (F)	3
AMGT 3211	Application of Technology in Logistics (S)	3
AMGT 4302	Supply Chain Management (F)	3
AMGT 4304	International Supply Chain Mgmt. (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.

(F) - Fall semester
(S) - Spring semester

* New course, undetermined

Semester designations are tentative and subject to change.