

College of Basic and Applied Sciences
Upper Division Form 2014-2015 Catalog

Student name:	Student #:
Major: AEROSPACE	Minor:
Concentration: UAS OPERATIONS	E-mail:

Instructions: For students graduating in Fall 2014 or later. *One (1) copy signed by major and minor advisors should be filed in Jones Hall 115 three semesters before anticipated graduation. An Intent to Graduate form should also be filed in Jones Hall 115 at the time of Upper Division Form submission.*

General Education	Course	Semester	Grade	Notes	Credit Hours
COMMUNICATION (9 hours)	COMM 2200				3
	ENGL 1010				3
	ENGL 1020				3
HISTORY (6 hours) Choose two: HIST 2010, HIST 2020, HIST 2030					3
					3
HUMANITIES AND / OR FINE ARTS (9 hours) Choose one: ENGL 2020, 2030, or HUM 2610. Choose 2 with different rubrics: ANTH 2210, ART 1030, ART 1920, DANC 1000, HIST 1010, 1020, 1110, 1120, MUS 1030, PHIL 1030, THEA 1030					3
					3
					3
MATHEMATICS (3 hours) Choose one: MATH 1010, 1530, 1630, 1710, 1720, 1730, 1810*, 1910*					3
NATURAL SCIENCES (8 hours) Choose 2 with different rubrics: ASTR 1030/1031, BIOL 1030/1031, 1110/1111, 2010/2011, 2020/2021, CHEM 1010/1011, 1030/1031, 1110/1111, GEOL 1030/1031, 1040/1041, PHYS 1110, 2010/2011*, 2110/2111*, PSCI 1030/1031, 1130/1131					4
					4
SOCIAL / BEHAVIORAL SCIENCES (6 hours) Choose 2 with different rubrics: AAS 2100, ANTH 2010, ECON 2410, PGEO 2000, GS 2010, HLTH 1530/31, JOUR / EMC / RIM 1020, PS 1005, 1010, PSY 1410, RS 2030, SOC 1010, 2010, WGST 2100					3
					3
Hours Required					41
Aerospace Core (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Introduction to Aerospace	AERO 1010				3
Theory of Flight	AERO 1020				3
Aerospace Materials	AERO 3020				3
Propulsion Fundamentals	AERO 3030				3
Aerospace Seminar	AERO 4040				1
Hours Required					13
UAS Core (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Introduction to Unmanned Aircraft Systems	AERO 1710				3
Unmanned Aircraft Systems I	AERO 3710				3
Unmanned Aircraft Systems II	AERO 3720				3
Unmanned Aircraft Systems III	AERO 3730				3
Unmanned Aircraft Systems Operations Track Capstone	AERO 4710				3
Hours Required					15
Aerospace Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Aviation Weather	AERO 2010				3
Professional Pilot I	AERO 2230				3
Professional Pilot Flight Lab I	AERO 2201				2
Professional Pilot II	AERO 3210				3
Fundamentals of Aerodynamics	AERO 3440				3
Choose one of the following:					
Aviation Laws and Regulations	AERO 1230				3
Flight Safety	AERO 3170				3
Aircraft Performance	AERO 4440				3
Hours Required					17

Supporting Courses					
Supporting and Elective Courses	Course	Semester	Grade	Notes	Credit Hours
Computer Science I	CSCI 1170				4
Computer Science II	CSCI 2170				4
Introduction to Electricity and Electronics	ET 3610				4
Digital Circuits Fundamentals	ET 3620				3
Electronics	ET 3630				3
Introduction to Microprocessors	ET 3650				3
Remote Sensing	PGEO 4490				4
Geographic Information Systems	PGEO 4530				3
Choose one of the following:					
Management of Operations	MGMT 3010				3
Principles of Management	MGMT 3610				3
Choose one of the following:					
Introduction to Business	BCEN 1400				3
Entrepreneurship	BCEN 2900				3
Introduction to Agribusiness	ABAS 2130				3
Open Electives					
Hours Required					34

Optional Minor					
Minor Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
					3
					3
					3
					3
					3
					3
Hours Required					15-18
Signed:					
	Minor Advisor			Date	

1. Degrees require a minimum of 120 semester hours (12 of the last 18 at MTSU) with a 2.0 GPA, a minimum of 42 upper-division hours (30 at MTSU) with a 2.0 GPA, and a minimum of 60 senior college hours.
2. Learning Support courses do not count toward the 120-hour requirement or cumulative degree GPA.

Signed:					
	Major Advisor			Date	

Local Address: _____ Phone: _____