

**College of Basic and Applied Sciences
Upper Division Form 2019-2020 Catalog**

Student name _____ Student # _____
 Major **AEROSPACE** Minor _____
 Concentration **PROFESSIONAL PILOT** E-mail _____

Instructions: For students graduating in Summer 2019 or later. One (1) copy signed by major and minor advisors should be filed in DSB 120 three semesters before anticipated graduation. An Intent to Graduate form must also be filed in DSB 120 at the time of Upper Division Form submission.

General Education	Course	Semester	Grade	Notes	Credit Hours
COMMUNICATION (9 hours)	ENGL 1010				3
	ENGL 1020			Preq ENGL 1010 with a C- or better	3
	COMM 2200				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, or 1120, MUS 1030, PHIL 1030, THEA 1030				Preq ENGL 1010/1020	3
					3
MATHEMATICS (3 hours) Choose one: MATH 1010, 1530, 1630, 1710 ,1720, 1730, 1810, 1910	MATH 1710			MATH 1710 required for major	3
NATURAL SCIENCES (8 hours) Choose two different subjects: ASTR 1030/1031, BIOL 1030/1031, BIOL 1110/1111, BIOL 2010/2011, BIOL 2020/2021, CHEM 1010/1011 , CHEM 1030/1031, CHEM 1110/1111, GEOL 1030/1031, GEOL 1040/1041, PGEO 1030, PHYS 1110, PHYS 2010/2011 , PHYS 2110/2111, PSCI 1030/1031, PSCI 1130/1131	CHEM 1010 / 1011			CHEM 1010/1011 required for major	4
	PHYS 2010 / 2011			PHYS 2010/2011 required for major; Preq MATH 1710 with a "C" or better	4
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two (different rubrics): AAS 2100, ANTH 2010, ECON 2410, ECON 2420, GEOG 2000, GS 2010, HLTH 1530 /31, JOUR / EMC / RIM 1020, PS 1010, PS 1005, PSY 1410, RS 2030, SOC 1010, SOC 2010, WGST 2100				GS 2010 recommended	3
					3
Hours Required					41

Major Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Introduction to Aerospace	AERO 1010				3
Theory of Flight	AERO 1020			Lab fee required	3
Aviation Laws and Regulations	AERO 1230				3
Aviation Weather	AERO 2010				3
Professional Pilot I	AERO 2230			Coreq AERO 2201	3
Professional Pilot Flight Lab I	AERO 2201			Lab fee required Coreq AERO 2230 submit paperwork by deadline	2
Aerospace Materials	AERO 3020			Preq AERO 1010, 1020 & MATH 1810	3
Propulsion Fundamentals	AERO 3030			Preq AERO 1010,1020	3
Flight Safety	AERO 3170			Preq AERO 1020	3
Professional Pilot II	AERO 3210			Coreq AERO 2010; Preq AERO 2010, 2230/2201,3203; Pvt Cert required	3
Professional Pilot Flight Lab II	AERO 3203			Lab fee required, Coreq AERO 3210, submit paperwork by deadline	2
Professional Pilot III	AERO 3215			Coreq AERO 3204 Preq AERO 3210/3203; Instrument Rating required	3
Professional Pilot Flight Lab III	AERO 3204			Lab fee required, Coreq AERO 3215 submit paperwork by deadline	2
Professional Pilot IV	AERO 3240			Preq AERO 3215,3261(can also be Coreq)	3
Professional Pilot Flight Lab IV	AERO 3261			Preq AERO 3215/3204	1
Fundamentals of Aerodynamics	AERO 3440			Preq MATH 1810 & PHYS 2010/2011	3
Aerospace Senior Capstone lab	AERO 4040			Preq 90 credit hours or more	1

MAJOR REQUIREMENTS CONTINUED ON NEXT PAGE

Crew Resource Management	AERO 3230				3
Professional Pilot V	AERO 4250			Preq AERO 3240	3
Aerospace Vehicle Systems	AERO 4310				3
Aircraft Performance	AERO 4440			Preq AERO 3440	3
Aerospace Elective(s) - Complete four credits from the following: AERO 2220, 3080, 3202, 3205, 3206, 3222, 3223, 3241, 3362, 3630, 3631, 4201, 4202, 4203, 4210	AERO _____ AERO _____ AERO _____			See Advisor	4
Hours Required					60

Supporting Courses					
Supporting Courses	Course	Semester	Grade	Notes	Credit Hours
BCED 3510 or ENGL 3620					3
MATH 1710				Credits count in general education	0
MATH 1810				Preq MATH 1710 or 19 Math ACT subscore	3
Supporting Electives: Complete 9 credits from the following: COMM 3220, COMM 3340, COMM 3560, GS 2010, MGMT 3610, MGMT 3940, PHIL 3150, PSY 4330, PSY 4370, PSY 4380 **GS 2010 CAN FULFILL THIS ELECTIVE AND GENERAL EDUCATION, BUT ONLY COUNTS FOR THREE CREDIT HOURS.**					3
					3
					3
CHEM 1010/1011				Credits count in general education	0
PHYS 2010/2011				Credits count in general education	0
Open Electives					4
Hours Required					19

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 count toward the 120-hour requirement and the overall GPA.

Signed:				
	Major Advisor			
				Date