

**College of Basic and Applied Sciences
Upper Division Form 2017-2018 Catalog**

Student name _____ Student # _____
 Major AEROSPACE Minor _____
 Concentration AVIATION MANAGEMENT E-mail _____

Instructions: For students graduating in Fall 2017 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)	COMM 2200				3
	ENGL 1010				3
	ENGL 1020			Preq ENGL 1010	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 two with different prefixes: 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)	MATH 1710				3
NATURAL SCIENCES (8 hours) <u>Choose one of the following courses CHEM 1010/11, CHEM 1030/31, CHEM 1110/11, PHYS 2010/11, or PHYS 2110/11.</u> Choose one other from ASTR 1030 /31; BIOL 1030/31, 1110/11, 2010/11, or 2020/21; CHEM 1010/11, 1030/31, 1110/11, GEOL 1030/31, or 1040/41; PGEO 1030, PHYS 1110, 2010/11, or 2110/11; or PSCI 1030/31 or 1130/31 NOTE: If a CHEM course is chosen to satisfy part 1, a PHYS course could be chosen to satisfy part 2. If a PHYS course is chosen to satisfy part 1, a CHEM course could be chosen to satisfy part 2. (Must be different rubrics)					4
					4
SOCIAL / BEHAVIORAL SCIENCES (6 hours) Choose two (different rubrics): AAS 2100, ANTH 2010, ECON 2410, ECON 2420, GEOG 2000, GS 2010, HLTH 1530 /1531, JOUR/EMC/RIM 1020, PS 1010, PS 1005, PSY 1410, RS 2030, SOC 1010, SOC 2010, WGST 2100					3
					3
Hours Required					41

Major Courses (2.0 GPA required) **CTI Requirements	Course	Semester	Grade	Notes	Credit Hours
Introduction to Aerospace**	AERO 1010				3
Theory of Flight**	AERO 1020			Lab fee	3
Aviation Weather**	AERO 2010				3
Navigation (2220)** or Professional Pilot I (2230)**	AERO ____				3
Aerospace Materials	AERO 3020			Preq AERO 1010, 1020 & MATH 1810	3
Propulsion Fundamentals	AERO 3030			Preq AERO 1010, 1020	3
Aerospace Senior Capstone lab	AERO 4040			Must have 90 or more credit hours	1
Airline Management	AERO 4100				3
Airport Management (4110) or Airport Planning and Design (4170)	AERO ____			AERO 4110 fall only AERO 4170 spring only. Must have 90 or more credit hours	3
Fixed Base Operations Management	AERO 4150				3
Introduction to Transportation (1610) or Freight Systems (2620)	TRNS ____			TRNS 1610 fall only TRNS 2620 spring only	3
Transportation Systems	TRNS 3630			Fall only	3
AERO or TRNS Elective					3
Capstone Course: (AERO 4050 or 4140 or 4170 or 4660 or TRNS 4640)					3

Hours Required	40
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Supporting and Elective Courses	Course	Semester	Grade	Notes	Credit Hours
ACTG 3000	ACTG 3000			Preq 60 or more credit hours	3
BCED 3510 or ENGL 3620					3
INFS 2200 or 3100					3
MATH 1810	MATH 1810			MATH 1710	3
MGMT 3610	MGMT 3610			Preq 60 or more credit hours	3
MKT 3820	MKT 3820			Preq 60 or more credit hours	3
Elective (Not required if completing CTI program.)					3
Elective (Only required if completing 15 hour minor)					3
Hours Required					21-24

MINOR					
Minor Courses	Course	Semester	Grade	Notes	Credit Hours
					3
					3
					3
					3
					3
					3
Hours Required					15-18

Signed:		
	Minor Advisor	Date

Optional CTI Program**

CTI Courses (2.5 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Introduction to Aerospace**	AERO 1010			Included in Major Courses	0
Theory of Flight**	AERO 1020			Included in Major Courses	0
Aviation Laws and Regulations	AERO 1230				3
Aviation Weather**	AERO 2010			Included in Major Courses	0
Navigation (2220) ** or Professional Pilot I (2230)**	AERO ____			Included in Major Courses	0
Crew Resource Management	AERO 3230				3
Instrument Flight Fundamentals for Non Pilots	AERO 3510				3
Introduction to Air Traffic Control & Lab	AERO 3630/3631				4
Air Traffic Control: Tower Operations & Lab	AERO 3640/3641				4
Air Traffic Control: TRACON Operations & Lab	AERO 4650/4651				4
Air Traffic Control: En-Route Operations & Lab	AERO 4660/4661				4

Hours Required					25
Signed:					
	CTI 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