

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

Student name \_\_\_\_\_ Student # \_\_\_\_\_  
 Major **AEROSPACE** Minor \_\_\_\_\_  
 Concentration **FLIGHT DISPATCH** 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
<b>COMMUNICATION</b> (9 hours)	COMM 2200				3
	ENGL 1010				3
	ENGL 1020			Preq ENGL 1010	3
<b>HISTORY</b> (6 hours) Choose two: HIST 2010, HIST 2020, HIST 2030					3
					3
<b>HUMANITIES AND/OR FINE ARTS</b> (9 hours) Choose one: ENGL 2020, 2030 or HUM 2610. Choose two 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
					3
<b>MATHEMATICS</b> (3 hours required for General Studies)	MATH 1710				3
<b>NATURAL SCIENCES</b> (8 hours)	CHEM 1010 / 1011				4
	PHYS 2010 / 2011			Preq MATH 1710 with "C" or better	4
<b>SOCIAL/BEHAVIORAL SCIENCES</b> (6 hours) Choose one: GEOG 2000 or PSY 1410 Choose one: AAS 2100, ANTH 2010, ECON 2410, ECON 2420, GS 2010, HLTH 1530 /1531, JOUR / EMC / RI M1020, PS 1010 or 1005, RS 2030, SOC 1010, SOC 2010, WGST 2100.					3
					3
<b>Hours Required</b>					<b>41</b>

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
Navigation (2220) ** or Private Pilot Fundamentals (2230)**	AERO ____				3
Aerospace Materials	AERO 3020			Preq AERO 1010, 1020 & MATH 1810 or 1910	3
Propulsion Fundamentals	AERO 3030			Preq AERO 1010, 1020	3
Aviation Weather II	AERO 3080			Preq AERO 2010 spring only	3
Flight Safety	AERO 3170			Preq AERO 1020	3
Crew Resource Management**	AERO 3230				3
Professional Pilot II (3210) or Instrument Flight Fundamentals for Non Pilots (3510)**	AERO ____			Preq AERO 2220 or 2230 (3510) or AERO 2010 and 2230 (3210)	3
Aerospace Senior Capstone lab	AERO 4040			Preq 90 or more credit hours	1
Introduction to Air Traffic Control and Lab**	AERO 3630/3631			Must take Junior Fall. Fall only Preq AERO 1010, 1020, 2010, 2220 or 2230, 3210; Lab fee required	4
Flight Dispatch/ATP Written Preparation	AERO 4580			Preq AERO 1230, 3080, 3210 or 3510, 3630/3631 fall only	3
Flight Dispatch	AERO 4590			Preq AERO 4580 spring only	3
<b>Hours Required</b>					<b>44</b>

Supporting and Elective Courses	Course	Semester	Grade	Notes	Credit Hours
CSCI 1150 or INFS 2200 or INFS 3110					3
GEOG 3410 or GEOL 4050					3
MATH 1810	MATH 1810			Preq MATH 1710	3
MGMT 3610	MGMT 3610			Preq 60 credit hours or more	3
MGMT 3810 or 3890 or MGMT 4490 or MGMT 4510				Preq 60 credit hours or more	3
Elective (Not required if completing CTI Program)					3
Elective (Only required if completing 15 hour minor)					3
<b>Hours Required</b>					18-21

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

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			Included in Major Courses	0
Aviation Weather**	AERO 2010			Included in Major Courses	0
Navigation (2220) ** or Private Pilot Fundamentals (2230)**	AERO ____			Included in Major Courses	0
Crew Resource Management**	AERO 3230			Included in Major Courses	0
Professional Pilot II (3210) or Instrument Flight Fundamentals for Non Pilots (3510)**	AERO ____			Included in Major Courses	0
Introduction to Air Traffic Control & Lab **	AERO 3630/3631			Included in Major Courses	0
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
<b>Hours Required</b>					12
<b>Signed:</b>					
	<b>CTI Advisor</b>				<b>Date</b>

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.

<b>Signed:</b>					
	<b>Major Advisor</b>				<b>Date</b>