

**College of Basic and Applied Sciences
Upper Division Form 2009-2011 Catalog**

Student name _____ Student # _____

Major **AEROSPACE** Minors **Mathematics / Engineering
Technology**

Concentration **TECHNOLOGY** E-mail _____

Instructions: For students graduating in Fall 2007 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 the Records Office 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 1910, ART 1920, DANC 1000, HIST 1010, 1020, 1110, or 1120, MUS 1030, PHIL 1030, THEA 1030					3
					3
					3
MATHEMATICS (4 hours) *(Also counts as part of the Math Minor)	MATH 1910*				3 of 4
NATURAL SCIENCES (8 hours)	CHEM 1010 / 1011				4
	PHYS 2110 / 2111				4
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two (different rubrics): AAS 2100, ANTH 2010, ECON 2410, GEOG 2000, GS 2010, HLTH 1530 / 1531, JOUR/EMC/RIM 1020, PS 1010, PS 2010, PSY 1410, SOC 1010, SOC 2010, WMST 2100					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				3
Aerospace Materials	AERO 3020				3
Propulsions Fundamentals	AERO 3030				3
Flight Safety	AERO 3170				3
Fundamentals of Aerodynamics	AERO 3440				3
Aerospace Seminar	AERO 4040				1
Problems in Aerospace	AERO 4071				3
Airport Planning and Design	AERO 4170				3
Aerospace Vehicle Systems	AERO 4310				3
Aircraft Performance	AERO 4440				3
Hours Required					31

Supporting and Elective Courses					
Supporting and Elective Courses	Course	Semester	Grade	Notes	Credit Hours
Calculus-Based Physics II and University Physics Laboratory II	PHYS 2120/2121				4
Computer Science I	CSCI 1170				4
Computer Science II	CSCI 2170				4
Hours Required					12

Mathematics Minor – All courses must be completed with a 'C' or better.					
Minor Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Calculus I*	MATH 1910*			(*3 credits counted in Gen. Ed.)	1 (4)
Calculus II	MATH 1920				4
Linear Algebra	MATH 2010				3
Calculus III	MATH 3110				4
Differential Equations I	MATH 3120				3
Hours Required					15* (18)
Signed:					
	Minor Advisor				Date

Engineering Technology Minor					
Minor Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Engineering Fundamentals	ET 1840				3
Engineering Thermodynamics	ET 3810				3
Statics	ET 3830				3
Dynamics	ET 3840				3
Strength of Materials	ET 3860				3
Vibration	ET 4830				3
Fluid Power	ET 4850				3
					21
Signed:					
	Minor Advisor				Date

1. Degrees require a minimum of 120 semester hours 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. Remedial/developmental courses do not count toward the 120-hour requirement or cumulative degree GPA.

Signed:					
	Major Advisor				Date

Local Address: _____ Phone: _____

