College of Basic and Applied Sciences
Upper Division Form 2007-2009 Catalog

Student name _____ Student # _____
Major Engineering Technology Minor _____
Concentration Mechanical Engineering Tech. E-mail _____

Instructions: For students graduating in Fall 2007 or later. *One (1) copy signed by major and minor advisors should be filed in the Records Office three semesters prior to graduation. An Intent to Graduate form should be submitted with this form.*

General Education	Course	Semester	Grade	Notes	Credit Hours
COMMUNICATION (9 hours)	ENGL 1010				3
	ENGL 1020				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 1: ENGL 2020, 2030, or HUM 2610. Choose 2 with different prefixes: ANTH 2210, ART 1030, 1910, 1920, DANC 1000, HIST 1010, 1020, 1110, 1120, MUS 1030, PHIL 1030, THEA 1030					3
					3
					3
MATHEMATICS (3 hours)	MATH 1730			The fourth credits counts in Supporting courses.	3 of 4
NATURAL SCIENCES (8 hours)	CHEM 1110/1111				4
	PHYS 2010/2011				4
SOCIAL/BEHAVIORAL SCIENCES (6 hours) Choose two (different rubrics): AAS 2100, ANTH 2010, ECON 2410, EMC/JOUR/RIM 1020, GEOG 2000, HLTH 1530/1531, PS 1010, PS 2010, PSY 1410, SOC 1010, 2010, WMST 2100					3
					3
				Hours Required	41

Major Courses (2.0 GPA required)	Course	Semester	Grade	Notes	Credit Hours
Introduction to Metals and Metallurgy	ET 1210				3
Engineering Fundamentals	ET 1840				3
Computer Assisted Drafting/Design I	ET 2310				3
Machine Tool Technology	ET 3210				3
Manufacturing Processes	ET 3260				3
Computer Assisted Draftng/Design II	ET 3360				3
Electrical Circuit Analysis – DC	ET 3601				3
Electrical Circuit Analysis – AC	ET 3602				3
Engineering Thermodynamics and Heat Transfer	ET 3810				3
Statics	ET 3830				3
Dynamics	ET 3840				3
Strength of Materials	ET 3860				3
Advanced CADD	ET 4330				2
Design of Machine Elements	ET 4340				3
Industrial Safety	ET 4420				3
Industrial Seminar	ET 4710				1
Senior Problems in Engineering Technology	ET 4803				3

Major Requirements continued on next page

Heating, Ventilation, and Air-conditioning	ET 4815				3
Vibration	ET 4830				3
Fluid Power	ET 4850				3
Robotics	ET 4860				3
Engineering Economy	ET 4970				3
ET electives (Choose 4 cr. hours from ET 4230, 4600, 4640, 4990)				CHECK WITH ADVISOR	4
				Hours Required	67

Supporting and Elective Courses				
Course	Semester	Grade	Notes	Credit Hours
CSCI 1170 – Computer Science I				4
MATH 1730 – Algebra and Trigonometry				1
ENGL 3620 – Professional Writing			Could substitute ENGL 3605 if not qualified to take ENGL 3620.	3
MATH 1910 – Calculus I				4
MATH 1920 – Calculus II				4
			Hours Required	16

Optional Minor – MET does NOT require a minor				
Course	Semester	Grade	Notes	Credit Hours
			Hours Required	

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. *Remedial/developmental courses do not count toward the 120-hour requirement or cumulative degree GPA.*
3. *Courses used to fulfill high school deficiencies can only be counted as general elective credit.*

Signed:		
	Major Advisor	Date