

Name _____

Major: **MECHANICAL ENGINEERING TECH**

ASU ID _____

Concentration: _____

Anticipated Grad. Date: _____

Transferred from: _____

I. English Proficiency (6 hrs) <i>(University requirement - "C" min required)</i>	Hrs	Cr	Trans	Gr
	ASU	Trns	from	
ENG 101 First-Year Comp (3) and	3			
ENG 102 First-Year Comp (3) or, if eligible	3			
ENG 105 Adv First-Year Comp (3) <i>(see Catalog for eligibility requirements)</i>				
SUB TOTAL (I)				

III. Major continued	Hrs	Cr	Trans	Gr
	ASU	Trns	from	
MET 231 Manufacturing Processes	3			
MET 300 Appl Matl Science	3			
MET 309 Non-destructive Inspection	1			
MET 313 Applied Mechanics of Materials	3			
MET 314 Mech of Materials Lab	1			
MET 331 Machine Design I	3			
MET 340 Thermodynamics	3			
MET 345 Adv Mfg Processes	3			
MET 396 Professional Orientation	1			
MET 401 Quality Assurance	3			
MET 409 Engineering Economics	3			
MET 432 Thermodynamics	3			
MET 434 Fluid Dynamics	3			
MET 460 Capstone Proj I	3			
MET 461 Capstone Proj II	3			
AET 210 Measurements & Testing	3			
AET 312 Dynamics	3			
EET 208 Elect Circuit Analysis I	4			
Technical Elective	2			

II. General Studies/College Requirements (45 Hours)
(see Catalog for approved courses)

A. Humanities & Social Sciences (15 hrs min)
[Req'd: 6 hours in one area, 9 in the other, and 3 hours upper division; plus one course in each awareness area: cultural (C), global (G), & historical (H)]

Humanities/Fine Arts (6 hrs min) (HU)

	3			
	3			

Social/Behavioral Sciences (6 hrs min) (SB)

	3			
	3			

Awareness Areas

C:				
G:				
H:				

B. Literacy/Critical Inquiry (6 hrs min)

L:	3			
L: TWC 446 Tech Report Writing	3			

SQ, SG: CHEM 114 or 113 Chemistry	4			
SQ, SG: PHY 111 Physics I	3			
SQ, SG: PHY 113 Physics Lab I	1			
SQ, SG: PHY 112 Physics II	3			
SQ, SG: PHY 114 Physics Lab II	1			

D. Mathematical studies (12 hrs min) See University requirement *

MA: MAT 170 Precalculus	3			
MA: APM 270 Math of Change I (Calc I)	3			
MA: APM 271 Math of Change II (Calc II)	3			
CS: APM 301 Intro Statistics	3			
SUB TOTAL (II)				

III. Major (59 hrs)

MET 150 Intro to Engr Tech	1			
MET 160 CADD & Solid Modeling	2			
MET 211 Statics	3			
MET 230 Engr to Engr Materials	2			

V. Concentration ** (one of the following for 18 hrs)

**Mechanical	**Aeronautical	**Automation	**Automotive
AET 432 3	AET 215 2	MET 341 3	
MET 351 3	AET 300 3	MET 351 3	In process
MET 418 3	AET 415 3	MET 416 3	of approval
MET 438 3	AET 417 3	MET 438 3	
MET 440 3	AET 420 1	MET 455 3	
Tech Elec 3	MET 418 3	Tech Elec 3	
	AET 432 3		

Semester Hour Summary	ASU HRS	TR HRS	TOTAL HRS
I. English Proficiency			
II. General Studies			
III. Engineering Tech Core			
IV. Major			
V. Emphasis Area			
TOTAL PROGRAM HOURS			

Graduation Requirements **Total Upper Div. Hrs** _____
Regular Curriculum - 128 hrs **(Min. required: 50 hrs)**

Submitted by _____ Date _____
Student Signature *Date*

Approved _____ Date _____
Advisor *Date*

Approved _____ Date _____
Department Chair *Date*

Approved _____ Date _____
Academic Advising Coordinator *Date*

Approved _____ Date _____
Dean *Date*

AGEC or TGECC Certification ___ Yes ___ No

* *Mathematical studies requirement: Program must include at least one course from MA category and a course from the CS category.*