

Name \_\_\_\_\_  
 ASU ID \_\_\_\_\_  
 Anticipated Grad. Date: \_\_\_\_\_

Major: **MECHANICAL ENGINEERING TECH**  
 Concentration: \_\_\_\_\_  
 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>				
<b>SUB TOTAL (I)</b>				

IV. Major (45 hrs)	Hrs	Cr	Trans	Gr
	ASU	Trns	from	
MET 150 Intro to Engr Tech	1			
MET 230 Engr to Engr Materials	2			
MET 231 Manufacturing Processes	3			
MET 300 Appl Matl Sci	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 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 Mfg Capstone Proj I	3			
MET 461 Mfg Capstone Proj II	3			
AET 210 Measurements & Testing	3			
AET 312 Dynamics	3			

**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 400 Tech Comm	3			

C. Natural Sciences (12 hrs min)

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: MAT 260 Tech Calc I	3			
MA: MAT 261 Tech Calc II	3			
CS: APM 301 Intro Statistics	3			
<b>SUB TOTAL (II)</b>				

**III. Engineering Technology Core (14 hrs)**

CS: ETC 100 Lang of Tech	4			
EET 208 Elect Circuit Analysis I	4			
ETC 211 Statics	3			
ETC 340 Thermodynamics	3			
<b>SUB TOTAL (III)</b>				

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

**Mechanical	**Aeronautical	**Automation
AET 415 3	AET 215 3	MET 341 3
AET 432 3	AET 300 3	MET 416 3
MET 418 3	AET 415 3	MET 438 3
MET 438 3	AET 417 3	MET 451 3
MET 443 3	AET 420 3	MET 455 3
MET 451 3	MET 418 3	EET 403 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			
<b>TOTAL PROGRAM HOURS</b>			

Graduation Requirements \_\_\_\_\_  
 Regular Curriculum - 128 hrs (Min. required: 50 hrs)

Submitted by \_\_\_\_\_  
 Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Approved \_\_\_\_\_  
 Advisor \_\_\_\_\_ Date \_\_\_\_\_

Approved \_\_\_\_\_  
 Department Chair \_\_\_\_\_ Date \_\_\_\_\_

Approved \_\_\_\_\_  
 Academic Advising Coordinator \_\_\_\_\_ Date \_\_\_\_\_

Approved \_\_\_\_\_  
 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.