

Name _____
 ASU ID _____
 Anticipated Grad. Date: _____

Major: **MANUFACTURING 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>				
SUB TOTAL (I)				

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			
SUB TOTAL (II)				

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			
SUB TOTAL (III)				

IV. Major (54 hrs)	Hrs	Cr	Trans	Gr
	ASU	Trns	from	
EET 403 PLCs, Sensors, Pneumatics	3			
MET 150 Intro to Engr Tech	1			
MET 230 Intro to Engineering Materials	2			
MET 231 Mfg Proc	3			
MET 300 Appl Matl Sci	3			
MET 302 Welding Survey	3			
MET 309 ND Testing & Quality Assur	1			
MET 313 Applied Mechanics of Materials	3			
MET 314 Mech of Materials Lab	1			
MET 331 Machine Design I	3			
MET 341 Mfg Analysis	3			
MET 344 Casting & Forming Processes	3			
MET 345 Adv Mfg Processes	3			
MET 396 Professional Orientation	1			
MET 401 Quality Assurance	3			
CS: MET 416 Appl Comp Int Mfg	3			
MET 443 NC Computer Programming	3			
MET 444 Production Tooling	3			
MET 451 Intro to Automation	3			
MET 460 Mfg Capstone Proj I	3			
MET 461 Mfg Capstone Proj II	3			
SUB TOTAL (V) _____				

V. Emphasis Area ** (9 hrs)

**Manuf Engr Tech	Hrs	**Mech Engr Tech	Hrs
MET 442	3	MET 410	3
MET 409	3	MET 434	3
MET 410	3	MET 438	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 _____
 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.