

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)				

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			

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)				

V. Emphasis Area ** (9 hrs)

SUB TOTAL (V)				
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**Manuf Engr Tech	**Mech Engr Tech
MET 442 3	MET 434 3
MET 409 3	MET 438 3
3 hrs Tech Elec	3 hrs Tech Elec

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 _____
 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.