

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 446 Tech Report Writing	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: 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 (63 hrs)

MET 160 CADD & Solid Modeling	2			
EET 208 Elect Circuit Analysis I	4			
MET 150 Intro to Engr Tech	1			
MET 211 Statics	3			
MET 230 Intro to Engineering Materials	2			

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.

III. Major continued

	Hrs	Cr	Trans	Gr
	ASU	Trns	from	
MET 231 Mfg Processes	3			
MET 300 Appl Matl Science	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 340 Thermodynamics	3			
MET 341 Mfg Analysis	3			
MET 344 Casting & Forming Processes	3			
MET 345 Adv Mfg Processes	3			
MET 351 Intro to Automation	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 460 Capstone Proj I	3			
MET 461 Capstone Proj II	3			

SUB TOTAL (III) _____

IV. Emphasis Area ** (14 hrs)

**Manuf Engr Tech	**Mech Engr Tech
MET 409 3	MET 409 3
MET 410 3	MET 410 3
MET 442 3	MET 434 3
Tech Elect 5	MET 438 3
	Tech Elect 2

Semester Hour Summary	ASU HRS	TR HRS	TOTAL HRS
I. English Proficiency			
II. General Studies			
III. Major			
IV. 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 _____