ARIZONA STATE UNIVERSITY

2006-07 Curriculum Check Sheets ***Fulton School of Engineering***

Name _____ Major: Industrial Engineering Degree BSE

ASU ID _____

Anticipated Grad. Date _____ *AGEC-A, AGEC-B, AGEC-S;* *Completed:* □ *Yes* □ *No*

I. English Proficiency (6 hrs) *(University requirement – "C" min required)*	Hrs Cr ASU Tr		Trans From	Gr
+ENG 101 / 107 First-Year Comp (3) and				
+ENG 102 / 108 First-Year Comp (3)				
Or, if eligible (see Catalog for eligibility), +ENG 105 Adv First-Year Comp (3) and				
An Applicable Elective (3) – see Department				
Sub Total (I) _____				

II. General Requirements (35 hrs) *(See Catalog for approved courses)*

A. Humanities & Social Sciences *(15 hrs min)*

(Required: 1 course upper division; plus a minimum of two courses that satisfy three awareness areas: cultural ©, global (G), and historical (H). Double counting is permissible between HU or SB and the awareness areas and also within the awareness areas.)

Humanities, Fine Arts, and Design (6 hrs min)(HU)				
Social/Behavioral Sciences (6 hrs min)(SB)				
SB: ECN 211 Macroeconomics Prin				
Awareness Areas				
Cultural				
Global				
Historical				

B. Literacy/Critical Inquiry *(6 hrs)*

Satisfied by Courses in Major

C. Natural Sciences/Basic Sciences *(8 hrs)*

Satisfied by Courses in Major

D. Mathematical Studies (*6 hrs)*

Satisfied by Courses in Major

Sub Total (II) _____

III. Required Lower Division Courses (54 hrs)

A. Natural Sciences/Basic Sciences *(15 hrs)*

BME 111 Engr Persp on Bio Sys	3				
SQ: PHY 121 University Physics I	3				
SQ: PHY 122 Univ. Physics Lab. I	1				
SQ: PHY 131 University Physics II	3				
SQ: PHY 132 Univ. Physics Lab. II	1				
SQ: CHM114 or 116	4				
B. Mathematical Studies *(14 hrs)*					
MAT 242 Elem. Linear Algebra	2				
MA: MAT 275 Mod Diff. Eqs	3				
+MAT 294 ST: Calc for Engrs I	3				
+MAT 294 ST: Calc. for Engrs II	3				
MAT 294 ST: Calc. for Engrs III	3				

Submitted by _____ _____
Student Signature *Date*

C Lower Division Engr.*(25 hrs)*	Hrs Cr ASU Tr		Trans From	Gr
CEE 211 or MAE 212 Engr. Mech	4			
CS: CSE 110 Prin.of Prog. with Java	3			
CS: CSE 205 Con of CS & Data Str	3			
EEE 202 Circuits I	4			
+ *CS*: IEE 100 Intro. Engr Dsgn. For IE	3			
+ IEE 210 Intro. to Ind. Engr.	2			
+ IEE 220 Business & Ind. Engr.	3			
MSE 250 Structure / Prop. of Matter	3			

Sub Total (III) _____

IV. Required Upper Division Courses (45 hrs)				
+ *CS*: IEE 380 Prob./Stat. for Engr. Prob.	3			
+ IEE 300 Econ. Anls. For Engr.	3			
+ IEE 305 Information Systems Eng.	3			
+ *L:* IEE 368 (or +IEE 369) Facilities. Design	3			
+ IEE 376 Deterministic Operation Res	3			
+ IEE 385 Engr. Statistics With Probability	3			
+ IEE 461 Production Control	3			
+ IEE 470 Stochastic Op. Res.	3			
+ IEE 474 Quality Control	3			
+ IEE 475 Sim Stochastic Syst.	3			
+ *L:* IEE 490 Project in Design	3			
Focus Area Tech. Electives (9 hrs)				
+ *Technical Elective (3 hours) See Department*				

Sub Total (IV) _____

Total Upper Division _____ (minimum 45 required)

+ A minimum grade of "C" (2.0) required

Designates a skill-set course

Graduation Requirements

Regular Curriculum – 120 Hours

Semester Hour Summary	*Hrs/ASU*	*Tr Hrs*	*Total*
I. English Proficiency			
II. General Studies			
III. Required Lower Division			
IV. Required Upper Division			
Total Program Hours			

Approved _____ _____
Advisor *Date*

Approved _____ _____
Department Chair *Date*

Final Revision May 4, 2006