ASU ARIZONA STATE UNIVERSITY

2003-04 Curriculum Check Sheet   *School of Engineering*

Name _____   Major <u>ELECTRICAL ENGINEERING</u>   Degree <u>BSE</u>

ASU ID _____

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

Pre-Major (Non-Degree) Credits	Hrs Cr ASU	Tr	Trans from	Gr
CHM 113 Gen Chem I	4			
CSE 180 Computer Literacy	3			
MAT 170 Precalculus	3			
PHY 105 Intro Physics	3			

I. English Proficiency (6 hrs)
(University requirement - "C" min required)

+ENG 101 First-Year Comp (3) and				
+ENG 102 First-Year Comp (3) or, if eligible,				
+ENG 105 Adv First-Year Comp (3)				
(see Catalog for eligibility requirements)				

Sub Total (I) _____

II. General Studies & School Requirements (58 hrs)
(see Catalog for approved courses)

A. Humanities & Social Sciences (15 hrs min)
(Required: 1 course upper division; 2 courses from the same dept; 2 depts or more represented; plus a minimum of two courses that satisfy three awareness areas: cultural (C), 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 *(6 hrs min) (HU)*

Social/Behavioral Sciences *(6 hrs min) (SB)*

ECN 111 or 112 Econ	3			

Awareness Areas(C,G,H) two courses minimum; all three areas must be met

C/G/H:				
C/G/H:				
C/G/H:				

B. Literacy/Critical Inquiry (7 hrs)

# L: ECE 300 Intermed Engrg Design	3			
# L: EEE 488 Senior Design Lab I and	2			
EEE 489 Senior Design Lab II	2			

C. Natural Sciences/Basic Sciences (15 hrs)

SQ: CHM 114 or 116 Chem	4			
+*SQ:* PHY 121 Physics I	3			
+*SQ:* PHY 122 Phys Lab I	1			
+*SQ:* PHY 131 Physics II	3			
+*SQ:* PHY 132 Phys Lab II	1			
+PHY 241 Univ Phys III	3			

D. Mathematical Studies (21 hrs)

+*MA*: MAT 270 Calc I	4			
+*MA:* MAT 271 Calc II	4			
+*MA:* MAT 272 Calc III	4			
+*MA:* MAT 274 El Diff Eq	3			
+MAT 342 Lin Algebra	3			
+MAT 362 Adv Math for Engrs	3			

Sub Total (II) _____

III. Engineering Core (23 hrs)

	Hrs Cr ASU	Tr	Trans from	Gr
CS: ECE 100 Intro Engrg Des	3			
# ECE 201 Elec Ntwks	4			
ECE 214 Mechanics	4			
# ECE 334 Electronic Circuits	4			
# ECE 352 Prop Electr Matls	4			
# EEE 225 or 226 Assemb Micrcoproc	4			

Sub Total (III) _____

IV. Major (41 hrs)

CS: CSE 100 Prin of Programming C++	3			
EEE 120 Dig Des Fund	3			
EEE 302 Elec Ntwks II	3			
EEE 303 Signals & Systems	3			
EEE 340 Elec-Mag Engr I	4			
EEE 350 Random Signal Analysis	3			
EEE 360 Energy Conversion & Transport	4			

Technical Electives (18 hrs) (See Note 1 on reverse side.)

Sub Total (IV) _____

+Minimum grade of "C" required in each course
 # Minimum cumulative GPA of 2.0

Total Upper Division _____*(min 50 required)*
Graduation Requirements
Regular Curriculum - 128 Hours
(plus pre-major (non-degree) credits)

Semester Hour Summary

	Hrs/ASU	Tr Hrs	Total
I. English Proficiency			
II. General Studies			
III. Engineering Core			
IV. Major			
Total Program Hours			

Submitted by _____
                         Student Signature   *Date*

Approved _____
                         Advisor   *Date*

Approved _____
                         Department Chair   *Date*

Approved _____
                         Dean   *Date*

2/03 mlh