

Name \_\_\_\_\_

Major ELECTRICAL ENGINEERING Degree BSE

ASU ID \_\_\_\_\_

AGEC-A, AGEC-B, AGEC-S; Completed:  Yes  No

Pre-Major (Non-Degree) Credits	Hrs Cr		Trans from	Gr
	ASU	Tr		
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" (2.00) min grade 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)				
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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 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 or MAT 275 Diff Eq's	3			
+MAT 342 or MAT 343 Linear Algebra	3			
+MAT 362 Adv Math for Engrs	3			

Sub Total (II) \_\_\_\_\_

**III. Engineering Core (23 hrs)**

	Hrs Cr		Trans from	Gr
	ASU	Tr		
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 Microproc	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" (2.00) 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			
<b>Total Program Hours</b>			

Submitted by \_\_\_\_\_  
Student Signature \_\_\_\_\_ Date \_\_\_\_\_

Approved \_\_\_\_\_  
Advisor \_\_\_\_\_ Date \_\_\_\_\_

Approved \_\_\_\_\_  
Dean \_\_\_\_\_ Date \_\_\_\_\_

