

Name _____

Major CIVIL ENGINEERING

Degree BSE

ASU ID _____

Concentration: CONSTRUCTION ENGINEERING

Anticipated Grad. Date _____

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

Pre-Major (Non-Degree) Credits	Hrs Cr		Trans from	Gr
	ASU	Tr		
CHM 113 Gen Chem I	4			
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)				
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Sub Total (I) _____

II. General Studies & School Requirements (55 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 are required

C/G/H: _____

C/G/H: _____

C/G/H: _____

B. Literacy/Critical Inquiry (6 hrs)

+++ L: CEE 486 Integrated Design	3			
++ L: ECE 300 Intermed Engrg Des	3			

C. Natural Sciences/Basic Sciences (15 hrs)

SQ: CHM 114 or 116 Gen 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			
Basic Science Elective	3			

D. Mathematical Studies (19 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			
+ ECE 384 Num Meth Engr	4			

Sub Total (II) _____

- + minimum 2.00 GPA required in this set of courses
- ++ minimum 2.00 GPA required in this set of courses
- +++ minimum 2.00 GPA required in this set of courses
- ++++ minimum 2.00 GPA required in this combined set of courses

III. Engineering Core (19 hrs)

	Hrs Cr		Trans from	Gr
	ASU	Tr		
++ CS: ECE 100 Intro Engrg Des	3			
++ ECE 201 Elect Ntwks	4			
++ ECE 210 Statics	3			
++ ECE 212 Dynamics	3			
++ ECE 313 Intro Def Solids	3			
++ ECE 351 Civil Engr Matls	3			

Sub Total (III) _____

IV. Major (48 hrs)

+++ CEE 296 CE Systems	4			
+++ CEE 321 Struct Analy & Des	4			
+++ CEE 341 Fluid Mech for CE	4			
+++ CEE 351 Geotech Engr	4			
+++ CEE 361 Environ Engr	4			
+++ CEE 372 Trans Engr	4			
+++ CS: ECE 380 Prob/Stat for Engr Prbl Slvg	3			

++++ Construction Engrg Design Courses (6 hrs)

CEE 322 Steel Structures	3			
CEE 452 Foundations	3			

++++ Construction Engrg Technical Courses (15 hrs)

CEE 323 Concrete Structures	3			
CEE 341 Surveying	3			
CEE 481 CE Proj Mgmt	3			
CEE 483 Highway Matls, Const, Quality	3			
L: CON 496 Const Contract Admin	3			

Sub Total (IV) _____

Graduation Requirements:

Regular Curriculum - 128 hrs (plus pre-major (non-degree) credits)
Total Upper Division Hrs _____ (Min. required: 50 hrs)

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

