

Name _____

Major: Civil Engineering

Degree BSE

ASU ID _____

Concentration: Construction Engineering

Anticipated Grad. Date _____

AGEC-A, AGECE-B, AGECE-S;

Completed: Yes No

I. English Proficiency (6 hrs) <i>(University requirement – "C" min required)</i>	Hrs Cr		Trans From	Gr
	ASU	Tr		
+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 (9 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 (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, and Design (6 hrs min)(HU)

#HU CEE 400 Earth Sys Eng & Mgt	Satisfied by Course in Major
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Social/Behavioral Sciences (6 hrs min)(SB)

SB: ECN 211 or 212 Economics	Satisfied by Course in Major
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Awareness Areas

#H: CEE 400 Earth Sys Eng & Mgt	Satisfied by Course in Major
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Global

Cultural

B. Literacy/Critical Inquiry (6 hrs)

#L: CEE 300 Engr Business Practice	Satisfied by Courses in
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#L: CEE 486 Integrated CE Design	Major
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C. Natural Sciences/Basic Sciences (8 hrs)

SQ: PHY 121/122 Physics I / Lab I	Satisfied by Courses in
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SQ: PHY 131/132 Physics II / Lab II	Major
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D. Mathematical Studies (6 hrs) – Mark when taken

CS: CEE 100 Intro to Civil & Env Engr	Satisfied by Courses in
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MA: MAT 275 Mod Diff. Eqs	Major
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Sub Total (II)

III. Required Lower Division Courses (49 hrs)

A. Natural Sciences/Basic Sciences (15 hrs)

SQ: CHM 114 or 116 ¹ Chemistry	4	Tr	Gr
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SQ: PHY 121 Physics I	3	Tr	Gr
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SQ: PHY 122 Physics Lab I	1	Tr	Gr
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SQ: PHY 131 Physics II	3	Tr	Gr
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SQ: PHY 132 Physics Lab II	1	Tr	Gr
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Basic Science	3	Tr	Gr
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B. Mathematical Studies (17 hrs)

CS: IEE 280 Prob/Stat for Eng	3	Tr	Gr
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MAT 242 Linear Algebra	2	Tr	Gr
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MA: MAT 275 Mod Diff. Eqs	3	Tr	Gr
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MAT 294 ST: Calc for Engineers I	3	Tr	Gr
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MAT 294 ST: Calc for Engrs II	3	Tr	Gr
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MAT 294 ST: Calc for Engrs III	3	Tr	Gr
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Submitted by _____
Student Signature Date

C. Lower Division Engr (14 hrs)	Hrs Cr		Trans From	Gr
	ASU	Tr		
CS: CEE 100 Intro to Civil & Env Engr	3			
CEE 211 Eng Mechanics: Stat & Dynam	4			
CEE 213 Deformable Solids	3			
EEE 202 Circuits I	4			
D. Business (3 hrs)				
SB: ECN 211 or 212 Economics	3			
Sub Total (III)				

IV. Required Upper Division Courses (56 hrs)

# L: CEE 300 Engr Business Practice	3	Tr	Gr
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# CEE 321 Structural Analysis & Des.	4	Tr	Gr
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# CEE 341 Fluid Mechanics for CE	4	Tr	Gr
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# CEE 351 Geotechnical Engr	4	Tr	Gr
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# CEE 353 CE Materials	3	Tr	Gr
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# CEE 361 Intro to Environ. Eng.	4	Tr	Gr
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# CEE 372 Transportation Engineering	4	Tr	Gr
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# CS: CEE 384 Numerical Methods	3	Tr	Gr
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# HU: CEE 400 Earth Sys Eng & Mgt	3	Tr	Gr
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# L: CEE 486 Integrated CE Design	3	Tr	Gr
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Construction Engineering Design Courses (6 hrs)

# CEE 420 Steel Structures	3	Tr	Gr
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# CEE 452 Foundations	3	Tr	Gr
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Construction Engineering Technical Courses (15 hrs)

CEE 281 Surveying	3	Tr	Gr
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# CEE 421 Concrete Structures	3	Tr	Gr
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# CEE 481 CE Project Mgmt	3	Tr	Gr
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# CEE 483 Hwy Matls, Const & Quality or # CEE 412 Pavt Analysis & Design	3	Tr	Gr
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L: CON 496 Const Contract Admin	3	Tr	Gr
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Sub Total (IV)

Total Upper Division _____ *(minimum 45 required)*

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

Designates an upper division civil engineering course; a minimum

cumulative GPA of 2.00 is required

Designates a skill-set course

¹ CHM 113 is prerequisite and does not apply toward degree credit

Graduation Requirements

Regular Curriculum – 120 Hours

Semester Hour Summary	Hrs/ASU	Tr Hrs	Total
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I. English Proficiency	3	Tr	Gr
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II. General Studies	3	Tr	Gr
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III. Required Lower Division	3	Tr	Gr
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IV. Required Upper Division	3	Tr	Gr
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Total Program Hours			
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Submitted by _____

Advisor Date

Approved _____

Department Chair Date