

Name: \_\_\_\_\_

WIN: \_\_\_\_\_

CIVIL ENGINEERING								2020-21							
Cr. Hrs.	SEM 1	Cr. Hrs.	SEM 2	Cr. Hrs.	SEM 3	Cr. Hrs.	SEM 4	Cr. Hrs.	SEM 5	Cr. Hrs.	SEM 6	Cr. Hrs.	SEM 7	Cr. Hrs.	SEM 8
4	<b>MATH 1220 or 1700</b> <b>Calculus I</b> (F, Sp, Su1, Su2)	4	<b>MATH 1230 or 1710</b> <b>Calculus II</b> (F, Sp, Su1, Su2)	4	<b>MATH 2720</b> <b>Multivariate Calculus</b> (F, Sp, Su1, Su2)	4	<b>MATH 3740</b> <b>Diff Eq &amp; Linear Algebra</b> (F, Sp, Su2)	3	<b>CCE 3360</b> <b>Soil Mechanics (L)</b> (F)	3	<b>CCE 3080</b> <b>Civil &amp; Construction Eng Materials (L)</b> (Sp)	3	<b>CCE 4300</b> <b>Traffic Design (L)</b> (F)	3	<b>CCE Structural Elective**</b>
	MATH 1180 ≥ C or placement		MATH 1220 or 1700 ≥ C		MATH 1230 or 1710 ≥ C		MATH 2720 ≥ C		ME 2570 ≥ C		ME 2570 ≥ C		CCE 3300 ≥ C		
4	<b>GEOS 1300</b> <b>Physical Geology (L)</b> (F, Sp)	3+1	<b>CHEM 1100+1110</b> <b>Gen. Chemistry I (L)</b> (F, Sp, Su1, Su2)	4+1	<b>PHYS 2070+2080</b> <b>Univ. Physics II (L)</b> (F, Sp, Su2)	3	<b>CHEG 2611</b> <b>Environmental Engineering</b> (Sp)	3	<b>IEE 3100</b> <b>Engineering Economy</b> (F, Sp, Su1)	3	<b>CCE 3300</b> <b>Transportation Engineering</b> (Sp)	3	<b>CCE 4400</b> <b>Intro to Structural Design</b> (F)	3	<b>CCE 4850</b> <b>Senior Project</b> (F, Sp)
			MATH 1110 ≥ C or placement		PHYS 2050 ≥ C		MATH 1230 or 1710 ≥ C		MATH 1230 ≥ C		CCE 2360 ≥ C		CCE 3080 ≥ C		CCE 4830 ≥ C
					MATH 1230 or 1710 ≥ C		CHEM 1100+1110 ≥ C		Junior Standing		IEE 2610 ≥ C		CCE 3860 ≥ C		CCE 4300 ≥ C
															CCE 4400 ≥ C
															Approved Project
1	<b>CCE 1001</b> <b>Intro to Engineering Design</b> (F)	4+1	<b>PHYS 2050+2060</b> <b>Univ. Physics I (L)</b> (F, Sp, Su1)	3	<b>CCE 2360</b> <b>Geomatics (L)</b> (F)	3	<b>ME 2580</b> <b>Dynamics</b> (F, Sp, Su1)	3	<b>ME 3560</b> <b>Fluid Mechanics</b> (F, Sp, Su I)	3	<b>CCE 3330</b> <b>Constr. Codes, Specs &amp; Contracts</b> (Sp)	1	<b>CCE 4830</b> <b>Project Design &amp; Control</b> (F, Sp)	3	<b>CCE Elective**</b>
			MATH 1220 or 1700 ≥ C		CCE 1490 or EDMM 1420 ≥ C		PHYS 2050+2060 ≥ C		ME 2580 ≥ C		ME 2570 ≥ C		Senior Standing		
			MATH 1230 or 1710 ≥ C or taken concurrently		MATH 1220 or 1700 ≥ C		ME 2560 or 2530 ≥ C		MATH 3740 ≥ C				CCE 4300 ≥ C or taken concurrently		CCE 4400 ≥ C or taken concurrently
3	<b>IEE 1020</b> <b>Technical Communication</b> (F, Sp)	3	<b>CS 1200</b> <b>Programming in C for Engineers (L)</b> (F, Sp)	3	<b>IEE 2610</b> <b>Engineering Statistics (L)</b> (F, Su1)	3	<b>ME 2570</b> <b>Mechanics of Materials</b> (F, Sp, Su2)	3	<b>WES Level II Societies &amp; Cultures</b>	3	<b>CCE 3860</b> <b>Structural Analysis</b> (Sp)	3	<b>CCE Construction Elective**</b> (F)	3	<b>WES Level II Artistic Theory &amp; Practice</b>
	ENGL 1000 ≥ C or placement		MATH 1180 ≥ C or placement		MATH 1220 or 1700 ≥ C		ME 2560 ≥ C				ME 2570 ≥ C				
3	<b>EDMM 1420</b> <b>Engineering Graphics (L)</b> (F, Sp, Su1)	1	<b>CCE 1002</b> <b>Intro to Engineering Analysis</b> (Sp)	3	<b>ME 2560</b> <b>Statics</b> (F, Sp, Su1)	3	<b>WES Level I Inquiry &amp; Engagement</b>	3	<b>WES Level II Personal Wellness</b>	3	<b>WES Level II World Language &amp; Culture</b>	3	<b>CCE Elective**</b>	3	<b>WES Level III Global Perspectives</b>
					MATH 1230 or 1710 ≥ C										
					PHYS 2050+2060 ≥ C										
												3	<b>CCE 4561</b> <b>Foundation &amp; Earth Retaining Structure Design (F)</b>		
													CCE 3360 ≥ C		
	15 hours		17 hours		18 hours		16 hours		15 hours		15 hours		16 hours		15 hours
															127 total hours

NOTES: Prerequisite courses are shown in smaller print.

\* See your academic advisor for General Education and elective requirements.

\*\* See page 2 for electives.

48 Cr. Pre-Engineering Req.

54 Cr. CCE req.

12 Cr. Gen Ed Req

12 Cr. CCE Elective Req.

A 'C' or better is required for admission to upper level CEAS courses

