

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

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

**CONSTRUCTION ENGINEERING****2018-2019**

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 4310</b> <b>Constr. Planning &amp; Scheduling</b> (F)	3	<b>CCE 4380</b> <b>Constr. Project Management</b> (Sp)
	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 3080 ≥ C		CCE 4310 ≥ C CCE 4360 ≥ C
4	<b>GEOS 1300</b> <b>Physical Geology (L)</b> (F, Sp)	4+ 1	<b>PHYS 2050+2060</b> <b>Univ. Physics I (L)</b> (F, Sp, Su1)	4+ 1	<b>PHYS 2070+2080</b> <b>Univ. Physics II (L)</b> (F, Sp, Su2)	3	<b>ME 2570</b> <b>Mechanics of Materials</b> (F, Sp, Su2)	3	<b>ECON 2010</b> <b>GEN ED V</b> <b>Microeconomics</b> (F, Sp, Su1, Su2)	3	<b>CCE 3330</b> <b>Constr. Codes, Specs &amp; Contracts</b> (Sp)	3	<b>CCE 4360</b> <b>Estimating, Bidding &amp; Cost Control</b> (F)	3	<b>CCE 4850</b> <b>Senior Project</b> (F, Sp)
			MATH 1220 or 1700 ≥ C		PHYS 2050 ≥ C		ME 2560 ≥ C				ME 2570 ≥ C		CCE 3080 ≥ C		CCE 4830 ≥ C CCE 4830 ≥ C
			MATH 1230 or 1710 ≥ C or taken concurrently		MATH 1230 or 1710 ≥ C								CCE 3330 ≥ C		CCE 4310 ≥ C CCE 4360 ≥ C
1	<b>CCE 1001</b> <b>Intro to Engineering Design</b> (F)	3+ 1	<b>CHEM 1100+1110</b> <b>Gen. Chemistry I (L)</b> (F, Sp, Su1, Su2)	3	<b>CCE 2360</b> <b>Geomatics (L)</b> (F)	3	<b>ME 2580</b> <b>Dynamics</b> (F, Sp, Su1)	3	<b>IEE 3100</b> <b>Engineering Economy</b> (F, Sp, Su1)	3	<b>CCE 3860</b> <b>Structural Analysis</b> (Sp)	1	<b>CCE 4830</b> <b>Project Design &amp; Control</b> (F, Sp)	3	<b>FIN 3200</b> <b>Business Finance</b> (F, Sp, Su1, Su2)
			MATH 1110 ≥ C or placement		CCE 1490 or EDMM 1420 ≥ C		ME 2560 or 2530 ≥ C		MATH 1230 ≥ C		ME 2570 ≥ C		Senior Standing		ACTY 2100
					MATH 1220 or 1700 ≥ C		PHYS 2050+2060 ≥ C		Junior Standing				CCE 4310 ≥ C or taken concurrently CCE 4360 ≥ C or taken concurrently CCE 4400 ≥ C or taken concurrently		IEE 2610 or equivalent
3	<b>IEE 1020</b> <b>Tech Communication</b> (F, Sp)	2	<b>CS 1022 &amp; 1023</b> <b>Math Software &amp; Programming (L)</b> (F, Sp)	3	<b>IEE 2610</b> <b>Engineering Statistics (L)</b> (F, Su1)	3	<b>MGMT 2500</b> <b>Organizational Behavior</b> (F, Sp, Su1, Su2)	3	<b>ME 3560</b> <b>Fluid Mechanics</b> (F, Sp, Su1)	3	<b>CCE Elective**</b>	3	<b>CCE 4400</b> <b>Intro to Structural Design</b> (F, Su1)	4	<b>GEN ED IV*</b> <b>Other Cultures</b>
	ENGL 1000 ≥ C or placement		MATH 1180 ≥ C or placement		MATH 1220 or 1700 ≥ C				ME 2580 ≥ C MATH 3740 ≥ C				CCE 3080 ≥ C CCE 3860 ≥ 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>GEN ED I*</b> <b>Fine Arts</b>	3	<b>PHIL 3160</b> <b>GEN ED II</b> <b>Ethics in Engr/Tech</b> (F, Sp, Su1)	3	<b>CCE Elective**</b>	3	<b>ACTY 2100</b> <b>Accounting Principles</b> (F, Sp, Su1, Su2)	2	<b>GEN ED VIII*</b> <b>Health &amp; Well Being</b>
					MATH 1230 or 1710 ≥ C PHYS 2050+2060 ≥ C										
												3	<b>GEN ED III*</b> <b>U.S. Cultures &amp; Issues</b>		
	15 hours		16 hours		18 hours		16 hours		15 hours		15 hours		16 hours		15 hours
															<b>126 total hours</b>

NOTES: Prerequisite courses are shown in smaller print.

\* See your academic advisor for General Education requirements.

\*\* See page 2 for electives.

54 Cr. Pre-Engineering Req.

57 Cr. CCE Req.

9 Cr. Gen Ed Req.

6 Cr. CCE Elective Req.

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

