

Last Name _____

First Name _____

Student ID _____

Advisor _____

Local Phone _____

E-mail _____

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Student Copy

Suggested Course Sequence

Freshman Year

<u>Fall</u>		<u>Grade</u>
ETCE 1121	Construction Methods	3 _____
ENGL 1101	English Composition	3 _____
ETGR 1100 ^(a)	Engineering Computer Applications	3 _____
ETGR 1201	Intro to Engineering Technology	2 _____
ETGR 1103	Technical Drawing I	2 _____
MATH 1100 ^(c)	College Algebra & Probability	3 _____
Total		16

Freshman Year

<u>Spring</u>		<u>Grade</u>
ETCE 1211	Surveying I	3 _____
ETCE 1211L	Surveying I Lab	0 _____
ETCE 1222	Construction Materials	3 _____
ETCE 1222L	Construction Materials Lab	0 _____
CMET 1680	Professional Development I	1 _____
ENGL 1102	Writing in the Academic Community	3 _____
ETGR 1104	Technical Drawing II	2 _____
MATH 1103 ^(c)	Precalc Math for Sci. & Eng.	3 _____
Total		15

Sophomore Year

<u>Fall</u>		<u>Grade</u>
ETCE 2112	Construction Surveying & Layout	3 _____
ETCE 2112L	Construction Surveying & Layout Lab	0 _____
ETGR 2101	Applied Mechanics I	3 _____
Science Elective	GEOL 1200 or CHEM 1111 or 1251	3 _____
MATH 1121	ET Calculus	3 _____
PHYS 1101	Introductory Physics I	3 _____
PHYS 1101L	Introductory Physics I Laboratory	1 _____
Total		16

Sophomore Year

<u>Spring</u>		<u>Grade</u>
ETCE 2410	Intro. to Environmental Eng. Tech.	3 _____
CMET 2680	Professional Development II	1 _____
ETGR 2102	Applied Mechanics II	3 _____
PHYS 1102	Introductory Physics II	3 _____
PHYS 1102L	Introductory Physics II Laboratory	1 _____
STAT 1220	Elements of Statistics I	3 _____
ECON 2101 ^(a)	Principles of Economics-Macro	3 _____
Total		17

Junior Year

<u>Fall</u>		<u>Grade</u>
ETCE 3123	Cost Estimating	3 _____
ETCE 3131	Foundations & Earthwork	3 _____
ETCE 3131L	Soil Testing Laboratory (W)	1 _____
ETCE 3163	Structural Analysis & Design I	3 _____
ETCE 3163L	Structures & Materials Lab (W)	1 _____
ACCT 2121 ^(a)	Principles of Accounting I	3 _____
ETGR 3071	ET Professional Seminar	1 _____
Total		15

Junior Year

<u>Spring</u>		<u>Grade</u>
CMET 3224	Construction Project Administration	3 _____
ETCE 3271	Building Systems	3 _____
ETCE 3271L	Building Systems Laboratory (W)	1 _____
CMET 3680	Professional Development III	1 _____
ETGR 3222 ^(a)	Engineering Economics	3 _____
ACCT 2122 ^(a)	Principles of Accounting II	3 _____
LBST 110X	Arts & Society	3 _____
Total		17

Senior Year

<u>Fall</u>		<u>Grade</u>
CMET 4125	Construction Codes and Documents	2 _____
ETCE 4126	Project Scheduling & Control	3 _____
ETCE 4126L	Construction Practices Laboratory (W)	1 _____
BLAW 3150 ^(a)	Business Law I	3 _____
LBST 2101	Western Culture & History	3 _____
ETCE 4251	Highway Design & Construction	3 _____
Total		15

Senior Year

<u>Spring</u>		<u>Grade</u>
CMET 4228	Construction Office Operations	2 _____
CMET 4272	Capstone Project (W,O)	2 _____
CMET 4680	Professional Development IV	1 _____
LBST 2102	Global Connections	3 _____
Core Elective ^(b)	_____	3 _____
LBST 221X	Ethical and Cultural Critique	3 _____
MGMT 3140 ^(a)	Mgmt & Organizational Behavior	3 _____
Total		17

Footnotes:

(a) Completion of the Construction B&M (business/management) Core is required: ETGR 1100; ECON 2101; ETGR 3222; ACCT 2121; ACCT 2122; BLAW 3150; & MGMT 3140. ECON 2101 doubles as Construction B&M Core and social science elective. ETGR 1100 and ETGR 3222 serve as replacement prerequisites to INFO 2130 and ECON 2102 for Construction students taking MGMT 3140 and FINN 3120 (core elective). Construction B&M Core courses must be completed with a grade of C or better.

(b) Core Elective may be technical or Construction B&M. Technical Core Electives must be courses within the Department of Engineering Technology and be approved by advisor (ETGR, ETCE, CMET, ETFS, ETEE, or ETME). Construction B&M Elective must be from the following list: MKTG 3110, FINN 3120, or CMET 4127 or approved by the construction faculty advisor.

(c) Becomes a Free elective upon successful completion of MATH 1121

SEM & YR	Course #	Course Name	Sem Hr	Grade	Pre / Corequisites	Elective/ Equivalent #
Mathematics (12 credit hours)						
	MATH 1100 ^(c)	College Algebra & Probability	3			
	MATH 1103 ^(c)	Precalculus for Science & Eng.	3			
	MATH 1121	ET Calculus	3		MATH 1121	
	STAT 1220	Elements of Statistics I	3			
Physical & Natural Sciences (11 credit hours)						
	PHYS 1101	Introductory Physics I	3			
	PHYS 1101L	Introductory Physics I Laboratory	1			
	PHYS 1102	Introductory Physics II	3		PHYS 1101*	
	PHYS 1102L	Introductory Physics II Laboratory	1		PHYS 1101L*	
	Science Elective	GEOL1200/CHEM 1111 or 1251	3			
Communications (6 credit hours)						
	ENGL 1101	English Composition	3			
	ENGL 1102	Writing in the Academic Comm.	3			
Humanities (12 credit hours)						
	LBST 110X	Arts & Society (choose 1)	3			
	LBST 2101	Western Culture & History	3			
	LBST 2102	Global Connections	3			
	LBST 221X	Ethical and Cultural Critique (choose 1)	3			
Professional Development (5 credit hours)						
	CMET 1680	Professional Development I	1		Freshman	
	CMET 2680	Professional Development II	1		Sophomore	
	CMET 3680	Professional Development III	1		Junior	
	CMET 4680	Professional Development IV	1		Senior	
	ETGR 3071	ET Professional Seminar (W)	1		Junior	
Construction B&M (Business & Management) Core Requirements (21 credit hours)						
	ETGR 1100 ^(a)	Eng Tech Computer Applications	3			
	ECON 2101 ^(a)	Principles of Economics-Macro	3			
	ACCT 2121 ^(a)	Principles of Accounting I	3			
	ACCT 2122 ^(a)	Principles of Accounting II	3		ACCT 2121*	
	ETGR 3222 ^(a)	Engineering Economics	3			
	BLAW 3150 ^(a)	Business Law I	3		ETGR 1100*	
	MGMT 3140 ^(a)	Management & Organizational Behavior	3		ACCT 2121*, 2122*; ECON 2101*	
Construction Requirements (40 credit hours)						
	ETGR 1103	Technical Drawing I	2			
	ETGR 1104	Technical Drawing II	2		ETGR 1103	
	ETGR 2101	Applied Mechanics I	3			
	ETGR 2102	Applied Mechanics II	3		ETGR 2101*	
	ETCE 1121	Construction Methods	3			
	ETCE 1211	Surveying I	3		<i>MATH 1103, ETCE 1211L</i>	
	ETCE 1211L	Surveying I Laboratory	0		<i>ETCE 1211</i>	
	ETCE 1222	Construction Materials	3		<i>ETCE 1222L</i>	
	ETCE 1222L	Construction Materials Laboratory	0		<i>ETCE 1222</i>	
	ETCE 2112	Construction Surveying & Layout	3		<i>ETCE 2112L</i>	
	ETCE 2112L	Construction Surveying & Layout Lab	0		<i>ETCE 2112</i>	
	ETCE 2410	Intro to Environmental Eng Tech	3		MATH 1103 & ETGR 2101*	
	ETCE 3131	Foundations & Earthwork	3		ETGR 2102*	
	ETCE 3131L	Soil Testing Laboratory (W)	1		<i>ETCE 3131</i>	
	ETCE 3163	Structural Analysis & Design I	3		ETGR 2102	
	ETCE 3163L	Structures & Materials Lab (W)	1		<i>ETCE 3163</i>	
	ETCE 3271	Building Systems	3		ETCE 2410	
	ETCE 3271L	Building Systems Laboratory (W)	1		<i>ETCE 3271</i>	
	ETCE 4251	Highway Design & Construction	3		ETCE 2112	
Construction Science Requirements (21 credit hours)						
	ETGR 1201	Intro to Engineering Technology	2			
	ETCE 3123	Cost Estimating	3		ETCE 1222 & 2112	
	ETCE 4126	Project Scheduling and Control	3		ETCE 3123	
	ETCE 4126L	Construction Practices Laboratory (W)	1		<i>ETCE 4126</i>	
	CMET 3224	Construction Project Admin	3		Junior	
	CMET 4125	Construction Codes and Documents	2		Junior	
	CMET 4228	Construction Office Operations	2		CMET 3224	
	CMET 4272	Capstone Project (W,O)	2		Senior	
	Core Elective ^(b)		3			

Courses in *italics* can be taken as a corequisite

* = grade of C or better required

Grand Total Hours

(128 credit hours)