

2018-2019 SAMPLE PARADIGM for a B.S. in Engineering Management Construction Management Concentration

Offered jointly by the School of Business and the School of Engineering

This sample paradigm shows a normal 4-year progression towards a degree in engineering management with a concentration in construction management. Some of the courses should be taken in this order due to prerequisite structures, others may be switched.

FRESHMAN - Semester I

CBU 101	Orientation	0 cr.
MATH 131	Calculus I	3 crs.
ENG 111	English Composition I	3 crs.
PHIL 220	Contemporary Moral Issues	3 crs.
CE 110	Intro to Civil Engrg	2 crs.
CE 111	Civil Engrg Graphics	3 crs.
	<i>Total</i>	<i>14 crs.</i>

FRESHMAN YEAR - Semester II

ENG 112	English Composition II	3 crs.
	General Education	3 crs.
PHYS 150 & 150L	Physics I & Lab	4 crs.
CE 113	Civil Engineering Analysis	2 crs.
STAT 221	Elementary Bus Statistics	3 crs.
	<i>Total</i>	<i>15 crs.</i>

SOPHOMORE YEAR - Semester I

CE 210	Mechanics of Materials	3 crs.
ECON 214	Principles of Microeconomics	3 crs.
	General Education	3 crs.
CE 201	Statics	3 crs.
CM 225/L	Geomatics & Lab	4 crs.
	<i>Total</i>	<i>16 crs.</i>

SOPHOMORE YEAR - Semester II

ENG 371	Business Writing	3 crs.
ECON 215	Principles of Macroeconomics	3 crs.
MGMT 227	Foundations of Mgmt	3 crs.
CM 440	Codes and Provisions	3 crs.
CM 251/L	Construction Materials & Lab	4 crs.
	<i>Total</i>	<i>16 crs.</i>

JUNIOR YEAR - Semester I

BLAW 301	Business Law I	3 crs.
ACCT 260	Financial Accounting	3 crs.
	General Education	3 crs.
CM 460	Land Dev. Construction Operations	3 crs.
CM 425	Heavy Const. Equip. and Methods	3 crs.
	<i>Total</i>	<i>15 crs.</i>

JUNIOR YEAR - Semester II

FIN 327	Financial Management I	3 crs.
CM 345	Planning & Scheduling	3 crs.
	General Education	3 crs.
CM 470	Mechanical/Electrical Codes/Prov.	3 crs.
ACCT 270	Managerial Accounting	3 crs.
	<i>Total</i>	<i>15 crs.</i>

SENIOR YEAR - Semester I

	Program Option	3 crs.
MGMT 418	Operations & Supply Chain Mgmt	3 crs.
MKTG 311	Principles of Marketing	3 crs.
CM 428	Construction Management	3 crs.
CM 410	Internship	3 crs.
CM 480	Construction Engineering Lab	1 cr.
	<i>Total</i>	<i>16 crs.</i>

SENIOR YEAR - Semester II

	General Education	3 crs.
MGMT 430	Ethical Decision Making	3 crs.
CE 314	Engineering Economy	3 crs.
CM 350	Const. Est. & Cost Control	3 crs.
CM 499	Capstone Project	3 crs.
	<i>Total</i>	<i>15 crs.</i>

Total credits required for bachelor's degree completion: 122