GADOMSKI SCHOOL OF ENGINEERING

B.S. IN ENGINEERING MANAGEMENT

Construction Management Concentration

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 YEAR

Semester I		Credits
MATH 117	Precalculus	3
ENG 123	Writing & Critical Literacy	3
CE 110	Introduction to Civil Engineering	2
CE 111	Civil Engineering Graphics	3
–	General Education (Religious Studies)	3
CBU 101	Orientation	0
Total		**14**

Semester II		Credits
ENG 130	Writing & Critical Research	3
MATH 106	Applied Calculus I	3
CM 235	Construction Safety	3
CE 113	Civil Engineering Analysis	2
–	General Education (Religious Studies)	3
Total		**14**

SOPHOMORE YEAR

Semester I		Credits
PHYS 201 & 201L	Introductory Physics I & Lab	4
STAT 223	Business Statistics	3
ME 121	Solids Modeling	3
MIS 153	Management Info Systems	3
–	General Education (Literature)	3
Total		**16**

Semester II		Credits
ENG 371	Professional Communications	3
PHYS 202 & 202L	Introductory Physics II & Lab	4
ECE 362	Introduction to UAS	3
ENGR 101	Engineering Mechanics	3
–	General Education (Philosophy)	3
Total		**16**

JUNIOR YEAR

Semester I		Credits
ECON 214	Principles of Microeconomics (SS GER)	3
BLAW 345	Legal Environment of Business	3
CE 225 & 225L	Geomatics & Lab	4
CE 428	Construction Management	3
CM 360	Land Development Construction Operations	3
Total		**16**

Semester II		Credits
MGMT 227	Foundations of Management	3
ACCT 260	Financial Accounting	3
CE 425	Heavy Construction Equipment and Methods	3
CM 440	Codes and Provisions	3
ECON 215	Macroeconomics (SS GER)	3
Total		**15**

SENIOR YEAR

Semester I		Credits
MKTG 311	Principles of Marketing	3
CE 350	Construction Estimating and Cost Control	3
CM 470	MEP Systems	3
ACCT 270	Managerial Accounting	3
MGMT 352	Organizational Behavior & Management or	
or MGMT 412	Human Resource Management	3
Total		**15**

Semester II		Credits
CE 351	Fundamentals of Engineering Economy	2
CE 345	Planning and Scheduling	3
MGMT 430	Business Ethics	3
CM 499	Capstone Project	3
–	General Education (Science & Lab)	4
Total		**15**

Total credits required for bachelor's degree completion: 121