Howard R. Hughes College of Engineering
Department of Civil and Environmental Engineering
B.S. in Construction Management (Management Option)

First Year - Fall	Cr	First Year - Spring	Cr
ENG 101 Composition I*	3	CEM 100 Fundamentals Const Managemt*	3
HIS 100 or POS 101 - Constitutions reqt	4	CHE 115 General Chemistry I*	4
MAT 181 Elementary Calculus I*	4	ENG 102 Composition II*	3
Multicultural/Humanities Elective^	3	MAT 132 Finite Mathematics*	3
PHY 155 General Physics*	4	PHY 156 General Physics*	4
	18	**Total**	17

Second Year - Fall	Cr	Second Year - Spring	Cr
CEM 251 Construction Equipment*	3	ART 101 Beginning Drawing I	3
CSC 115 Intro To Computers*	3	CEM 252 Construction Methods & Matls	3
GEY 101 Intro to Geology: Planet Earth*	4	CEM 252L Const Methods & Matls Lab	1
PHI 102 Reasoning & Critical Thinking*	3	COS 101 Oral Communication*	3
PSY 101 Gen Psy or SOC 101 Intro Soc*	3	ECO 202 Principles of Microeconomics	3
		GEY 100V Las Vegas Geology	1
		MIS 210 Intro to Programming Techniques	3
Total	16	**Total**	17

Third Year - Fall	Cr	Third Year - Spring	Cr
AAD 125L Construction Drawings & Detail	2	ABS 440 Structures II	3
ABS 341 Structures I	3	CEG 121 Elementary Surveying	3
ACC 251 Elementary Accounting	3	CEM 330 Soils & Foundations For Const	3
ECO 190 Global Economics	3	CEM 350 Facility Systems Design/Const	3
ENG 404 Fundamentals Technical Writing	3	EGG 307 Engineering Economics	3
HMD 395 Facilities Management	3	MEG 360 Safety Engineering	3
	17	**Total**	18

Third Year - Summer	
CEM 300 Const Industry Practicum	0

Fourth Year - Fall**	Cr	Fourth Year - Spring**	Cr
ABS 441 Structures III	3	CEG/CEM Management Elective***	3
CEM 451 Construction Estimating I	3	CEM 453 Const Sched & Resource Opt	3
CEM 451L Construction Estimating Lab	1	CEM 455 Construction Mgmt Practice	3
CEM 452 Construction Cost Control	3	CEM 485 Construction Law & Contracts	3
CEM 452L Construction Cost Control Lab	1	MGT/MIS Upper Division Business elect^^^	3
CEM 400-level Const Science Elective^^	3		
MGT 301 Mgt & Org	3		
Total	17	**Total**	15

TOTAL CREDITS = 135

* Pre-program requirement

**CQE Level I Exam should be taken in final year

***CEM 450 Const Field Insp; or CEM 470 Const Automation; or CEG 409 Proj Mgmt; or CEG 421 Prof Practice

^ Humanities elective to satisfy Multicultural reqt

^^CEM 432 Temp Const Structures; or CEM 460 Const Site Water, or CEM 482 Haz Waste

^^^Business Elective from approved list