

---CONSTRUCTION ENGINEERING AND MANAGEMENT MAJOR – Beginning Fall 2009

FRESHMAN YEAR

<u>FIRST SEMESTER</u>	<u><sup>a</sup> CREDITS</u>	<u>SECOND SEMESTER</u>	<u><sup>a</sup> CREDITS</u>
CHEM 1001 <sup>b</sup> , General Chemistry 1	4	CHEM 1002 <sup>b</sup> , General Chemistry 2	4
MATH 1450 <sup>b</sup> , Calculus 1	4	MATH 1451 <sup>b</sup> , Calculus 2	4
Core Rhetoric 1 <sup>f</sup>	3	Core Rhetoric 2	3
GEEN 1200, Discovery Learning 1	3	GEEN 1210, Discovery Learning 2	3
Core Elective <sup>c,1</sup>	<u>3</u>	ECON 1001 <sup>b,1</sup>	<u>3</u>
	17		17

SOPHOMORE YEAR

<u>FIRST SEMESTER</u>	<u><sup>a</sup> CREDITS</u>	<u>SECOND SEMESTER</u>	<u><sup>a</sup> CREDITS</u>
PHYS 1003 <sup>b</sup> , Physics 1	4	PHYS 1004 <sup>b</sup> , Physics 2	4
MATH 2450, Calculus 3	4	MATH 2451, Differential Equations	4
GEEN 2951, Engineering Orientation	0	ACCO 2031, Managerial Accounting	3
CEEN 2310, Surveying	3	Core Elective <sup>c,1</sup>	3
CEEN 2110, Statics	3	CEMA 3810, Intro. to Constr. Mgmt.	3
ACCO 2030, Financial Accounting	<u>3</u>		—
	17		17

JUNIOR YEAR

<u>FIRST SEMESTER</u>	<u><sup>a</sup> CREDITS</u>	<u>SECOND SEMESTER</u>	<u><sup>a</sup> CREDITS</u>
CEEN 3160, Geotechnical Engineering	3	CEEN 3410, Structural Analysis 1	3
CEEN 2130, Mechanics of Materials	3	CEMA 4815, Mechanical and Electrical Systems for Buildings	3
CEMA 3860, Construction Materials and Methods	3	CEEN 3320, Engineering Materials	3
MATH 4720, Statistical Methods	3	HURL 3001, Management of Human Resources	3
FINA 3991, Managerial Finance	3	CEEN 4350, Law for Engineers	3
PHIL 1001 <sup>b</sup> , Phil. Of Human Nature	3	CMST 1300, Public Speaking	<u>2</u>
	—		17
	18		

SENIOR YEAR

<u>FIRST SEMESTER</u>	<u><sup>a</sup> CREDITS</u>	<u>SECOND SEMESTER</u>	<u><sup>a</sup> CREDITS</u>
CEMA 4830, Construc. Planning, Scheduling and Control	3	CEMA 4840, Construc. Cost Analysis and Estimating	3
PHIL 2310 <sup>b</sup> , Theory of Ethics	3	CEEN 4997, Civil Engineering Design	4
CEMA 3850, Construc. Equipment and Methods	3	CEEN Technical Elective (design) <sup>2</sup>	3
CEEN Technical Elective <sup>2</sup>	3	THEO Elective	3
THEO 1001 <sup>b</sup> , Introduction to Theology	<u>3</u>	Core Elective <sup>c,1</sup>	3
	15		—
			16
		Total Credit Hours	134

<sup>1</sup> As ECON 1001 which meets the core Individual and Social Behavior Knowledge area, remaining Core electives should be taken so as to address History of Cultures and Societies, Literature and Performing Arts, and Diverse Cultures.

<sup>2</sup> Note that co-op is required for the CEMA program. One academic credit is awarded for each co-op work term completed, three of which can be used as a technical elective towards degree requirements.