MERRIMACK COLLEGE
DEPARTMENT OF CIVIL ENGINEERING CURRICULUM

Name ENTER NAME HERE ID # ID HERE Class year: CLASS YEAR HER ADVISOR: ADVISOR HERE

FALL				SPRING			
FRESHMAN YEAR							
CEN 1001	Intro. to Eng.	4		MTH 1505	Applied Statistics	4	
MTH 1217	Calculus I	4		MTH 1218	Calculus II	4	
PHL 1000	Intro to Philophy	4		CHM 1180	Engineering Chem	4	
ENG 1050	College Writing	4		Humanities	Elective *(course here)*	4	
		16				16	
SOPHOMORE YEAR							
CEN2010	Mechanics I	4		CEN2012	Mechanics II	4	
PHY 2211	Physics I	4		MTH 2220	Diff. Equations	4	
MTH 2219	Calculus III	4		CEN3040	Fluid Mech.	4	
BUS 1100	Essentials of Bus. Analys	4		PHY 2212	Physics II	4	
		16				16	
WORK IN SUMMER							
JUNIOR YEAR 1							
BUS 2203	Accounting for Business	4		CEN3030	Transportation	4	
BUS 2205	Principles of Marketing	4		CEN3050	Enviro. Engr.	4	
CEN 2001	CE Site Design	4		CEN3090	Design & Res. Seminar	1	
RTS 1001	Intro to Religious Studies	4		RTS	Elective *(course here)*	4	
				Science*	Elective *(course here)*	4	
						17	
WORK IN SUMMER							
JUNIOR YEAR 2							
CEN3010	Structures	4					
CEN3020	Geotech Engr	4					
PHY 4803	Thermodynamics	2			*WORK DURING SPRING*		
CEN	Transportation elective	4					
Social Science	Elective *(course here)*	4					
		18					
WORK IN SUMMER							
SENIOR YEAR							
CEN	Structures elective	4		CEN 4901	Des. Project	4	
CEN	Geotechnical elective	4		BUS 2210	Management Information Syster	4	
CEN	Environmental elective	4		BUS 2220	Operations Management	4	
Humanities	Elective *(course here)*	4		CEN 4900	Senior Seminar	1	
				Social Science	Elective *(course here)*	4	
				TOOK FE EXAM			
		16				17	

NOTES

For Students matriculating prior to Fall 2008 and/or transfers

Freshman Seminar or other writing intensivecourse

Number	Credits

Second Philosophy course

Number	Credits

OTHER RULES FOR TRANSITION:

*Science Elective may not be in Physics or Chemistry.
Suggested courses:

AST 1101 Introduction to Astronomy	CEN 4060 Geology
BIO 1027 Principles of Biology I	CSC 1610 Computer
BIO 3009 Environment, Ecology and	HSC 3302 Community
BIO 3090 – 3099 Global Field Studies	

List of CE Senior Electives

Environmental Engineering	# cr
CEN 4030 Enviro Design	4
CEN 4032 Applied Hydrology	4
Geotechnical Engineering	
CEN 4020 Geotechnical Design	4
Structural Engineering	
CEN 4012 Steel Analysis and Design	4
CEN4016 Concrete Analysis & Design	4
Transportation	
CEN 4042 Traffic Engineering	4
CEN 4040 Geometric Design	4
CEN 4044 Trans Plng & Sys Anal	4
Technical Electives (or any of the above not counted as depth elective)	
	4
CEN 4050 Const Plng & Mgmt	4
CEN 4820 Special Topics in Civil Engineering	