

**MERRIMACK COLLEGE
DEPARTMENT OF CIVIL ENGINEERING CURRICULUM**

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

FALL			FRESHMAN YEAR			SPRING		
CEN 1001	Intro. to Eng.	4	<input type="checkbox"/>	MTH 1505	Applied Statistics	4	<input type="checkbox"/>	
MTH 1217	Calculus I	4	<input type="checkbox"/>	MTH 1218	Calculus II	4	<input type="checkbox"/>	
PHL 1000	Intro to Philosophy	4	<input type="checkbox"/>	CHM 1180	Engineering Chemi	4	<input type="checkbox"/>	
ENG 1050	College Writing	4	<input type="checkbox"/>	Humanities	Elective (<i>course he</i>)	4	<input type="checkbox"/>	
			16				16	
FRESHMAN YEAR			SOPHOMORE YEAR			SOPHOMORE YEAR		
CEN2010	Mechanics I	4	<input type="checkbox"/>	CEN2012	Mechanics II	4	<input type="checkbox"/>	
PHY 2211	Physics I	4	<input type="checkbox"/>	MTH 2220	Diff. Equations	4	<input type="checkbox"/>	
MTH 2219	Calculus III	4	<input type="checkbox"/>	CEN3040	Fluid Mech.	4	<input type="checkbox"/>	
CEN 2001	CE Site Design	4	<input type="checkbox"/>	PHY 2212	Physics II	4	<input type="checkbox"/>	
			16				16	
SOPHOMORE YEAR			JUNIOR YEAR			JUNIOR YEAR		
CEN3010	Structures	4	<input type="checkbox"/>	CEN3030	Transportation	4	<input type="checkbox"/>	
CEN3020	Geotech Engr	4	<input type="checkbox"/>	CEN3050	Enviro. Engr.	4	<input type="checkbox"/>	
PHY 4803	Thermodynamics	2	<input type="checkbox"/>	CEN3090	Design & Res. Senr	1	<input type="checkbox"/>	
RTS 1001	Intro to Religious Stuc	4	<input type="checkbox"/>	RTS	Elective (<i>course he</i>)	4	<input type="checkbox"/>	
Social Scienc	Elective (<i>course here</i>)	4	<input type="checkbox"/>	Science*	Elective (<i>course he</i>)	4	<input type="checkbox"/>	
			18				17	
JUNIOR YEAR			SENIOR YEAR			SENIOR YEAR		
Structures	Elective (<i>course here</i>)	4	<input type="checkbox"/>	CEN 4901	Des. Project	4	<input type="checkbox"/>	
Geotechnical	Elective (<i>course here</i>)	4	<input type="checkbox"/>	Transportatio	Elective (<i>course he</i>)	4	<input type="checkbox"/>	
Technical	Elective (<i>course here</i>)	4	<input type="checkbox"/>	Environment	Elective (<i>course he</i>)	4	<input type="checkbox"/>	
Humanities	Elective (<i>course here</i>)	4	<input type="checkbox"/>	CEN 4900	Senior Seminar	1	<input type="checkbox"/>	
				Social Scienc	Elective (<i>course he</i>)	4	<input type="checkbox"/>	
Overall GPA	<input type="text"/>		<u>TOOK FE EXAM</u>			<input type="text"/>		
Major GPA	<input type="text"/>		16				17	
NOTES			List of CE Senior Electives			List of CE Senior Electives		
<i>For Students matriculating prior to Fall 2008 and/or transfers</i> Freshman Seminar or other writing intensive course Number Credits <input type="text"/> <input type="text"/>			<i>Environmental Engineering</i> # cr CEN 4030 Enviro Design 4 CEN 4032 Applied Hydrology 4			<i>Geotechnical Engineering</i> CEN 4020 Geotechnical Design 4		
Second Philosophy course Number Credits <input type="text"/> <input type="text"/>			<i>Transportation</i> CEN 4042 Traffic Engineering 4 CEN 4040 Geometric Design 4 CEN 4044 Trans Plng & Sys Ana 4			<i>Technical Electives</i> (or any of the above not counted as depth elective) CEN 4050 Const Plng & Mgmt 4 CEN 4820 Special Topics in Civ 4		
*Science Elective may not be in Physics or Chemistry. Suggested courses: AST 1101 Introduction to CEN 4060 Geology BIO 1027 Principles of Biology I CSC 1610 Computer BIO 3009 Environment, Ecology HSC 3302 BIO 3090 – 3099 Global Field								