

CHEMICAL ENGINEERING 128-HOUR CURRICULUM WORKSHEET

24 October 2005 (for students beginning Fall 2005 and earlier)

FRESHMAN YEAR							
First Semester		Credit Hours	Grade Earned	Second Semester		Credit Hours	Grade Earned
CH 1211	Inv. in Chemistry	1		CH 1221	Inv. in Chemistry	1	
CH 1213	Fund. of Chemistry	3		CH 1223	Fund. of Chemistry	3	
CHE 1101	CHE Freshman Seminar	1		CHE 1231	Design Concepts in CHE	1	
EN 1103	English Comp. I	3		EN 1113	English Comp. II	3	
MA 1713	Calculus I	3		MA 1723	Calculus II	3	
	Humanities Elective	3		PH 2213	Physics I	3	
	Social Science Elective	3			Social Science Elective	3	
	Total	17			Total	17	

SOPHOMORE YEAR							
First Semester		Credit Hours	Grade Earned	Second Semester		Credit Hours	Grade Earned
CHE 2114	Mass and Energy Balances	4		CHE 3113	CHE Thermo I	3	
CHE 2213	CHE Analysis	3		CHE 3203	Fluid Flow Ops	3	
MA 2733	Calculus III	3		MA 2743	Calculus IV	3	
PH 2223	Physics II	3		MA 3253	Differential Equations	3	
	Humanities Elective	3			Fine Arts Elective	3	
	Total	16			Total	15	

JUNIOR YEAR							
First Semester		Credit Hours	Grade Earned	Second Semester		Credit Hours	Grade Earned
CH 4511	Organic Chem. Lab I	1		CH 4523	Organic Chemistry II	3	
CH 4513	Organic Chemistry I	3		CHE 3222	CHE Lab I*	2	
CHE 3123	CHE Thermo II	3		CHE 3223	Mass Transfer Ops	3	
CHE 3213	Heat Transfer Ops	3		ECE 3183	EE Systems	3	
EM 2413	Engineering Mechanics	3		IE 3913	Engineering Economy I	3	
GE 3513	Technical Writing	3			Technical Elective	3	
	Total	16			Total	17	

SENIOR YEAR							
First Semester		Credit Hours	Grade Earned	Second Semester		Credit Hours	Grade Earned
CH 4413	Physical Chemistry I*	3		CHE 4223	Process Controls**	3	
CHE 3232	CHE Lab II**	2		CHE 4233	CHE Plant Design**	3	
CHE 3413	Engineering Materials*	3			Chemistry Elective	3	
CHE 4113	CHE Reactor Design*	3			CHE Elective	3	
CHE 4134	CHE Process Design*	4			Technical Elective	3	
	Total	15			Total	15	

* Taught during fall semester only

** Taught during spring semester only

Note: Beginning 2007, CHE Lab I will be taught fall semester only – CHE 3232 CHE Lab II will be taught spring semesters only.