

CHEMICAL ENGINEERING 128-HOUR CURRICULUM WORKSHEET

Effective 2006-2007 AY (Students entering Fall 2006 and later)

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 2213	CHE Analysis	3	
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					
	Total	17			Total	16	
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	
MA 2733	Calculus III	3		CHE 3203	Fluid Flow Ops	3	
PH 2223	Physics II	3		MA 2743	Calculus IV	3	
EM 2413	Engineering Mechanics	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 3331	Junior Seminar**	1	
CHE 3123	CHE Thermo II	3		CHE 3223	Mass Transfer Ops	3	
CHE 3213	Heat Transfer Ops	3		ECE 3183	EE Systems	3	
CHE 3413	Engineering Materials*	3		GE 3513	Technical Writing	3	
	CH/CHE/Technical Elective	3		IE 3913	Engineering Economy I	3	
	Total	16			Total	16	
SENIOR YEAR							
First Semester		Credit Hours	Grade Earned	Second Semester		Credit Hours	Grade Earned
CH 4413	Physical Chemistry I*	3		CHE 3232	CHE Lab II**	2	
CHE 3222	CHE Lab I*	2		CHE 4223	Process Controls**	3	
CHE 4113	CHE Reactor Design*	3		CHE 4233	CHE Plant Design**	3	
CHE 4134	CHE Process Design*	4			CH/CHE/Technical Elective	3	
	CH/CHE/Technical Elective	3			CH/CHE/Technical Elective	3	
					Social Sciences Elective	3	
	Total	15			Total	17	

* Taught during fall semester only

** Taught during spring semester only

Note: Electives Required for graduation. See approved electives list.

3 credits of CHE Electives

3 credits of Chemistry Electives

6 credits of Technical Electives