

CHEMICAL ENGINEERING 128-HOUR CURRICULUM WORKSHEET

Transfer Student Curriculum Guide – 4 regular semesters

Base Assumption: Transfer student has completed all required math (Cal I-IV, DE), physics (PH 2213, 2223), freshman chemistry (CH 1213, 1223, 1211, 1221) organic chemistry (CH 4513, CH 4523, CH 4511), English composition (EN 1103, EN 1113) and 15 semester hours of HU/FA/SS.

Transfers in (15 hours math, 6 hours physics, 8 hours freshman chemistry, 7 hours organic chemistry, 6 hours English composition, 15 hours HU/FA/SS) and 3 hours of engineering mechanics (EM 2413) for a total of 60 hours (maximum of 63 may be applied to degree if from community college). 2 semester physics sequence at community college is 8 hours credit – 1 hour to be used to offset CHE 1101 CHE Freshman Seminar.

JUNIOR YEAR			
First Semester	Credit Hours	Second Semester	Credit Hours
CHE 2114 Mass and Energy Balances	4	CHE 3123 CHE Thermo II	3
IE 3913 Engineering Economy	3	CHE 3213 Heat Transfer Operations	3
CHE 3113 CHE Thermo I	3	CHE 3223 Separations	3
CHE 3203 Fluid Flow Operations	3	CHE 2213 CHE Analysis	3
GE 3513 Technical Writing	3	Technical Elective	3
		CHE 3331 Prof. Dev. Seminar	1
Total	16	Total	16
SENIOR YEAR			
First Semester	Credit Hours	Second Semester	Credit Hours
CHE 3222 CHE Lab I	2	CHE 3232 CHE Lab II	2
CHE 4134 CHE Process Design*	4	CHE 4233 CHE Plant Design**	3
CHE 4113 CHE Reactor Design*	3	CHE 4223 Process Controls**	3
CHE 4413 Physical Chemistry I	3	ECE 3183 EE Systems	3
CHE Elective	3	Chemistry Elective	3
CHE 3413 Engineering Materials	3	Technical Elective	3
Total	18	Total	17

*Taught during fall semester only

**Taught during spring semester only.