

Sample Plan of Study - CHT

Sample Plan of Study Chemical Engineering Technology - (CHT)

Freshman Year

Semester 1				Semester 2			
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
ET 131	Transforming Ideas to Innovations I	2	none	ENGL 107	First Year Composition	4	ENGL 100
ENGL 100	English for Academic Studies	3	none	CHT 102	Instrumentation and Process Control	3	CHT 101
PHYS 218	Modern Mechanics	4	MA 161 or MA 223 or ConP: MA 165	CHM 115	General Chemistry I	4	ConP: MA 165
MA 165	Analytic Geometry and Calculus I	4	Placement Test or MA 158	CHT 205	Chemical Engineering Thermodynamics	4	PHYS 218
CHT 101	Process Equipment	2	none	MA 166	Analytic Geometry and Calculus II	4	MA 165
Semester Credits = 15				Semester Credits = 19			

Sophomore Year

Semester 3				Semester 4			
Course	Title	Cr.	Pre/ConP	Course	Title	Cr.	Pre/ConP
CHT 201	Computer Applications in Chemical Engineering	1	ET 131	CHT 202	Chemical Engineering Technology Seminar	1	CHT 101
CHT 210	Process Plant Safety	1	CHT 102	CHT 211	Petroleum Refining Technology	3	ConP:CHT 100
CHT 100	Organic Chemistry	3	CHM 115	CHT 212	Separation Processes	3	CHT 203
CHT 204	Reaction Kinetics and Reactors	4	MA 165	CHT 213	Process Plant Simulation	1	CHT 102
CHT 203	Unit Operations	4	PHYS 218	CHT 214	Environmental Control	1	CHT 102
GEE	General Education Elective	3		CHT 215	CHT Project	2	CHT 102
				COM 114	Fundamentals of Speech Communication	3	ENGL 100
				GEE	General Education Elective	1	
Semester Credits = 16				Semester Credits = 15			

Total Credits = 65

The sample plan of study is designed for a full time student within an ordinary graduation period between two and three years.