

## Curriculum

Year	Semester	Course Code	Course Title	Credit-Lecture Hr.- Designing Hr. for accreditation for engineering education.- Prac.Training
Evry yr.	Every sem.	FP0001	Advisor Counsel	0-0-0-0
1	2	GC0002	Introduction to Design	3-0-3-0
2	1	GC5001	Introduction to Energy and Chemical Engineering	3-3-0-0
2	1	GC5002	Organic Chemistry1	3-3-0-0
2	1	GC5003	Physical Chemistry Lab.	2-0-0-4
2	1	GC5004	Physical Chemistry1	3-3-0-0
2	2	GC5006	Organic Chemistry2	3-3-0-0
2	2	GC5007	Organic Chemistry Lab.	2-0-0-4
2	2	GC5008	Physical Chemistry2	3-3-0-0
2	2	GC5009	Basic Calculations in Chemical Engineering	3-3-0-0
2	2	GC5010	Energy and Petrochemistry	3-3-0-0
3	1	GC5011	Thermodynamics	3-3-0-0
3	1	GC5012	Fluid Mechanics	3-3-0-0
3	1	GC5013	Chemical Engineering Experiment 1	2-0-0-4
3	1	GC5014	Introduction to Renewable Energy	3-3-0-0
3	1	GC5015	Analytical Chemistry	3-3-0-0
3	1	GC5017	Environmental engineering	3-3-0-0
3	2	GC5018	Heat Transfer and Mass Transfer	3-3-0-0
3	2	GC5019	Reaction Engineering	3-3-0-0
3	2	GC5020	Chemical Engineering Experiment 2	2-0-0-4
3	2	GC5022	Chemical Engineering Materials	3-3-0-0
3	1	GC5023	Creative and Integrative Chemical Engineering Design	3-0-3-0
4	1	GC5024	Capstone Design1	3-0-3-0
4	1	GC5026	Carbon Materials	3-3-0-0
4	1	GC5027	Research Project of Science &Engineering1	2-2-0-0
4	1	GC5028	Catalytic Engineering	3-3-0-0
4	1	GC5029	Process Control	3-3-0-0
4	2	GC5030	Capstone Design2	3-0-3-0
4	2	GC5031	Research Project of Science &Engineering2	2-2-0-0
4	2	GC5032	Semiconductor Process	3-3-0-0
4	2	GC5033	Separation Process	3-3-0-0

3	1	GC5039	Polymer Physics	3-3-0-0
3	2	GC5040	Polymer Processing	3-3-0-0
4	1	GC5041	Nanobiotechnology	3-3-0-0