

Department of Chemical Engineering			
Graduation Project II (64594)			
Total Credits	3		
major compulsory			
Prerequisites	P1 : Graduate Project I (64591)		
Course Contents			
0			
Intended Learning Outcomes (ILO's)		Student Outcomes (SO's)	Contribution
1	an ability to apply knowledge of mathematics, science, and engineering	A	8 %
2	an ability to design and conduct experiments, as well as to analyze and interpret data.	B	6 %
3	an ability to design a system, component, or process to meet desired needs within realistic constraints such as economic, environmental, social, political, ethical, health and safety, manufacturability, and sustainability .	C	15 %
4	an ability to function on same- and multi-disciplinary teams.	D	10 %
5	an ability to identify, formulate, and solve chemical engineering problems	E	3 %
6	an understanding of professional and ethical responsibility.	F	13 %
7	an ability to communicate effectively orally and in writing.	G	12 %
8	the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context.	H	21 %
9	a recognition of the need for, and an ability to engage in life-long learning	I	6 %
10	a knowledge of contemporary issues	J	3 %
11	an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice	K	3 %
Textbook and/ or References			
0			
Assessment Criteria		Percent (%)	
Reports		50 %	
Presentation		30 %	
Progress		20 %	
Course Plan			
Week		Topic	