

Department of Computer Engineering			
Graduation Project I (66581)			
Total Credits		3	
major compulsory			
Prerequisites		-	
Course Contents			
This course involves the specification, design and successful implementation of a software project addressing a real-world problem. The project is selected with the mutual agreement of the student and one or two advisors from the academic staff.			
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 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	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	
1		1	