0

Department of Industrial Engineering	
Graduation Project I (65591)	
Total Credits	**1**
major compulsory	
Prerequisites	-

Course Contents

0

	Intended Learning Outcomes (ILO's)	Student Outcomes (SO's)	Contribution
1	(a) an ability to apply knowledge of mathematics, science, and engineering	A	12 %
2	(b) an ability to design and conduct experiments, as well as to analyze and interpret data	B	12 %
3	(c) 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	5 %
4	(d) an ability to function on multidisciplinary teams	D	7 %
5	(e) an ability to identify, formulate, and solve engineering problems	E	10 %
6	(f) an understanding of professional and ethical responsibility	F	6 %
7	(g) an ability to communicate effectively	G	25 %
8	(h) the broad education necessary to understand the impact of engineering solutions in a global, economic, environmental, and societal context	H	6 %
9	(i) a recognition of the need for, and an ability to engage in life-long learning	I	3 %
10	(j) a knowledge of contemporary issues	J	6 %
11	(k) an ability to use the techniques, skills, and modern engineering tools necessary for engineering practice.	K	8 %

Textbook and/ or Refrences

0

Assessment Criteria	Percent (%)
First Exam	20 %
Second Exam	20 %
Mid. Term Exam	60 %

Course Plan

Week	Topic