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Department of Mechanical Engineering	
Graduation Project II (67552)	
Total Credits	**3**
major compulsory	
Prerequisites	P1 : Graduation Project I (67511) OR Graduation Project I (67551)

Course Contents

Practical implementation of theoretical and experimental knowledge gained from graduation project I. Formal and scientific written report of the work design done in parts I and II, and presentation with public defense of the graduation project.

	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 multidisciplinary 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 Refrences

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Assessment Criteria	Percent (%)
Reports	50 %
Presentation	30 %
Progress	20 %

Course Plan

Week	Topic