

	Course name: EE402 Final Year Project		Department: Electrical and Electronics Engineering		Semester 8
	Methods of Education				Credit (ECTS)
	Lecture	Study Time	Project	Total	6
	84	56	40	180	
Language	English				
Compulsory/Elective	Compulsory				
Prerequisites	EE401				
Course Contents	Building the critical design of a project, implementation of an engineering design, designing and conducting tests and experiments.				
Course Objective	<p>Following the steps to build critical design of a project from conceptual design Implementing an engineering design by dividing it into sub-parts and integrate Designing and conducting required tests and experiments to evaluate the performance of the design Presenting an engineering design and prototype both in written and oral form in a formal way</p>				
Learning Outcomes and Competences	<p>Students who pass the course will be able to:</p> <ul style="list-style-type: none"> – Come up with a complete working model for an engineering problem – Use engineering tools and techniques – Prepare a complete project report and present his/her work to an audience 				
Textbook and /or References	Literature, academic conference and journal publications				
Assessment Criteria			If any, mark as (X)	Percentage (%)	
	Midterm Exams				
	Quizzes				
	Homework				
	Projects		X	100	
	Laboratory work				
	Other				
Final Exam					
Instructors	All department instructors				
Weekly Schedule					
Week	Subject				
1	Planning the road map (Gantt-chart) and student responsibilities				
2	Solving the problems in conceptual design and building the critical design				
3	Divide the design implementation into sub-parts				
4	Implementing the sub-parts of the design				
5	Implementing the sub-parts of the design				
6	Implementing the whole design by integrating the sub-parts				
7	Designing tests and experiments to measure the performance of the design				
8	Submission of the Project Report Draft				
9	Mid-term Exam				
10	Conducting the designed tests and experiments				
11	Conducting the designed tests and experiments				
12	Cost analysis of the final design				
13	Preparation of Final Project Report				
14	Preparation of Final Project Report and Presentation				
15	Project Oral Presentations				