

Syllabus

Code/Name	MEC 402 / Graduation Project
Type	Required
Credit/ECTS	6/6
Hour per Week	3 (0+3+0)
Level/Year	Undergraduate/4
Semester	Spring
Classroom	TBA TBA
Content	A term project is assigned to an individual student or a group of students where the students can apply their knowledge in the design and analysis of an engineering system. Students prepare a report and present their project to a panel of instructors at the end of the semester.
Prerequisites	MEC 401 Mechanical Engineering Design
Reading List	Will be assigned related to the research topics that are given
Objectives	<ul style="list-style-type: none"> • To organize a research study • To propose a framework for an academic study • To complete and defend a project work
Course Outcomes	<p>In this course you will be able to:</p> <p>CO1 Categorize the available information related to your area of interest</p> <p>CO2 Investigate the literature</p> <p>CO3 Choose relevant references from the literature</p> <p>CO4 Reproduce the analytical or computational work in a selected paper</p> <p>CO5 Distinguish novelty of a study</p> <p>CO6 Prepare a design project or to write a paper</p>

Contribution to Program Outcomes*

	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11
CO1	5	2	4	3	2	3	3	5	1	5	5
CO2	5	2	4	3	5	4	3	4	5	5	5
CO3	5	2	4	4	4	5	3	4	4	5	5
CO4	5	5	5	4	2	5	4	5	2	5	5
CO5	5	5	5	4	5	5	5	5	4	5	5
CO6	5	5	5	4	5	5	5	5	3	5	5

* Contribution Level | 0: None | 1: Very Low | 2: Low | 3: Medium | 4: High | 5: Very High

Special Conditions	<ul style="list-style-type: none"> • Students work in groups.
Cheating & Plagiarism	<ul style="list-style-type: none"> • Copying or letting someone to copy your work on exams, assignments, or reports is cheating. • Cutting and pasting text, figures and tables from the web sources or any other electronic source is plagiarism. • The consequence of academic dishonesty is to receive a grade of FF for the course.
Evaluation	<p>Midterm presentation to supervisor 40%</p> <p>Final report to supervisor 30%</p> <p>Final presentation to examining committee 30%</p> <p>Total 100%</p>