Alanya Alaaddin Keykubat University | Rafet Kayış Faculty of Engineering
Mechanical Engineering Department

SYLLABUS

Code/Name	MCE 402 / Graduation Project II
Type	Required
Credit/ECTS	2/4
Hour per Week	3 (0+3+0)
Level/Year	Undergraduate/4
Semester	Spring
Classroom	TBA
Content	This course continues from MCE 401 Graduation Project I. Design methodology in mechanical engineering through an open-ended, in-depth design project. Design, manufacturing, and testing of a complete engineering system or application considering relevant professional standards, safety, cost, and sustainability. Students prepare a report and present their project to a panel of instructors at the end of the semester.
Prerequisites	MEC 401 Graduation Project I
Reading List	Will be assigned related to the research topics that are given
Objectives	• To organize a research study • Proposing a framework for academic study • To complete and defend a project work
Course Outcomes	In this course you will be able to: CO1 Categorize the available information related to your area of interest CO2 Investigate the literature CO3 Choose relevant references from the literature CO4 Reproduce the analytical or computational work in a selected paper CO5 Distinguish novelty of a study C06 Prepare a design project or write a paper

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	• Students work in groups.
Cheating & Plagiarism	• Copying or letting someone copy your work on exams, assignments, or reports is cheating. • Cutting and pasting text, figures and tables from 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	Midterm presentation to supervisor 40% Final report to supervisor 60% Total 100%

Prepared by Akın Oktav