



ANKARA YILDIRIM BEYAZIT UNIVERSITY
FACULTY OF ENGINEERING AND NATURAL SCIENCES
MECHANICAL ENGINEERING DEPARTMENT
MCE 404 MACHINERY LABORATORY II
2024 - 2025 SPRING SEMESTER
GROUPS AND DATES



Table 1. Experiments, Relevant Instructors, Teaching Assistants, and Places.

Order	Name of the Experiment	Relevant Instructor	Teaching Assistant	Place
1	Air Conditioning Experiment	Assoc. Prof. Dr. Kemal BİLEN	R. Assist. Ahmed Emin KILIÇ	AB 317
2	Mechanical Measurements Experiment	Prof. Dr. Adem ÇİÇEK	R. Assist. Enes Furkan ARSLAN	DB 425
3	Three-point Bending Experiment	Assist. Prof. Dr. Mete BAKIR Assist. Prof. Dr. Oğuzhan MÜLKOĞLU	R. Assist. Mustafa YILDIZ	CB 414
4	Serial and Parallel Pumps Experiment	Prof. Dr. Veli ÇELİK Prof. Dr. Ahmet PINARBAŞI	R. Assist. Alperen ÇANKAYA	AB 317
5	Charpy Impact Experiment	Assoc. Prof. Dr. Barış KALAYCIOĞLU	R. Assist. Eda Nur İRİS	DB 425
6	Metallography Experiment	Assoc. Prof. Dr. Yasin SARIKAVAK	R. Assist. Aysun GÜVEN ÇITIR	DB 416 DB 417
7	Heat Convection Experiment	Prof. Dr. Sadettin ORHAN	R. Assist. Furkan ÇETİNER	AB 317
8	Hydraulic Training Set Experiment	Prof. Dr. Hasan ÖZCAN	R. Assist. Sefa ŞAHİN	CB 414
9	Cooling System Fault Detection Experiment	Prof. Dr. Ünal ÇAMDALI Prof. Dr. Selahattin ÇELİK	R. Assist. Furkan ÇETİNER	AB 317
10	Water Level Control Experiment	Assist. Prof. Dr. Tolga ÖZASLAN	R. Assist. Sefa ŞAHİN	CB 414

Table 2. Groups by student numbers.

Order	1 st Group Student IDs	2 nd Group Student IDs	3 rd Group Student IDs	4 th Group Student IDs	
1	20050511004	20050511042	20050511073	19050541002	22050551001
2	20050511005	20050511043	20050511074	19050541023	23050551010
3	20050511006	20050511044	20050511075	19050541025	18050541014
4	20050511013	20050511045	20050511076	19050541027	
5	20050511016	20050511052	20050511077	20050541010	
6	20050511018	20050511054	20050511080	21050541005	
7	20050511020	20050511057	20050511081	18050511045	
8	20050511021	20050511059	20050511084	18050511051	
9	20050511024	20050511060	21050511003	18050511054	
10	20050511026	20050511061	21050511030	19050511030	
11	20050511033	20050511062	21050511047	19050511033	
12	20050511035	20050511063	21050511057	19050511054	
13	20050511037	20050511064	21050511070	19050511063	
14	20050511038	20050511066	21050521002	19050511068	
15	20050511039	20050511070	21050551005	19050551011	
16	20050511040	20050511072	21050551007	20050511002	
17	19050511027	21050511005	-	22050521001	

Table 3. Experiment groups and weeks.

Group No	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 15
Group 1 Group 2 Group 3 Group 4	1 st Exp.	2 nd Exp.	-	3 rd Exp. 4 th Exp.	5 th Exp.	MID-TERM EXAM	6 th Exp.	RELIGIOUS HOLIDAY	7 th Exp. 8 th Exp.	9 th Exp.	10 th Exp.	Makeup

Table 4. Experiment time schedule

Group No	1 st Exp.	2 nd Exp.	3 rd Exp.	4 th Exp.	5 th Exp.	6 th Exp.	7 th Exp.	8 th Exp.	9 th Exp.	10 th Exp.
	Thursday	Thursday	Thursday	Thursday	Thursday	Thursday	Thursday	Thursday	Thursday	Thursday
Group 1	09:30	13:30	11:30	13:30	09:30	13:30	11:30	13:30	09:30	13:30
	10:30	14:30	12:30	14:30	10:30	14:30	12:30	14:30	10:30	14:30
Group 2	10:30	09:30	13:30	14:30	10:30	09:30	13:30	14:30	10:30	09:30
	11:30	10:30	14:30	15:30	11:30	10:30	14:30	15:30	11:30	10:30
Group 3	11:30	10:30	09:30	10:30	11:30	10:30	09:30	10:30	11:30	10:30
	12:30	11:30	10:30	11:30	12:30	11:30	10:30	11:30	12:30	11:30
Group 4	13:30	11:30	10:30	11:30	13:30	11:30	10:30	11:30	13:30	11:30
	14:30	12:30	11:30	12:30	14:30	12:30	11:30	12:30	14:30	12:30

COURSE POLICY

1. There will be a midterm exam grade (40%), laboratory reports grade (20%), and a final exam grade (40%) within the scope of the course. Exams dates will be announced by the department.
2. To fulfill the course; at least 80% of laboratory attendance and submitting the reports of attended labs are compulsory. Average report grade is calculated over 10 labs.
3. The students who are repeating the course without attendance obligation do not have to attend the experiments, they can attend only exams. In this case, their midterm grade will have an effect of 50%.
4. For other regulations of the course, please see Chapter 1.3 “General Regulations about the Course” in the Laboratory Manual.
5. The updated Laboratory Manual of this semester can be obtained from the Department’s website.
6. For more information about the experiments, you can contact relevant assistant. For general information about the course, you can also contact Assist. Prof. Dr. Oğuzhan MÜLKOĞLU.

Prof. Dr. Selahattin ÇELİK
Head of the Mechanical Engineering
Department

Note: The Laboratory Manual can be obtained from the Department's website.