



**ANKARA YILDIRIM BEYAZIT UNIVERSITY**  
**FACULTY OF ENGINEERING AND NATURAL SCIENCES**  
**MECHANICAL ENGINEERING DEPARTMENT**  
**MCE 404 MACHINERY LABORATORY II**  
**2025 - 2026 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	Mechanical Measurements Experiment	Prof. Dr. Adem ÇİÇEK	R. Assist. Enes Furkan ARSLAN	DB 425
2	Serial and Parallel Pumps Experiment	Prof. Dr. Veli ÇELİK Prof. Dr. Ahmet PINARBAŞI	R. Assist. Alperen ÇANKAYA	AB 317
3	Air Conditioning Experiment	Assoc. Prof. Dr. Kemal BİLEN	R. Assist. Ahmed Emin KILIÇ	AB 317
4	Metallography Experiment	Assoc. Prof. Dr. Yasin SARIKAVAK	R. Assist. Özgür BEKTAŞ	BB 416
5	Three-point Bending Experiment	Assoc. Prof. Dr. Mete BAKIR Assist. Prof. Dr. Oğuzhan MÜLKOĞLU	R. Assist. Mustafa YILDIZ	CB 414
6	Fatigue Experiment	Assoc. Prof. Dr. Barış KALAYCIOĞLU	R. Assist. Eda Nur İRİS	DB 425
7	Flow Measurement Experiment	Prof. Dr. Sadettin ORHAN	R. Assist. Alperen ÇANKAYA	AB 317
8	Heat Exchangers Experiment	Prof. Dr. Hasan ÖZCAN	R. Assist. Sefa ŞAHİN	C 116
9	Cooling System Fault Detection Experiment	Prof. Dr. Ünal ÇAMDALI Prof. Dr. Selahattin ÇELİK	R. Assist. Furkan ÇETİNER	AB 317
10	(The experimental setup is being prepared)	Assist. Prof. Dr. Tolga ÖZASLAN	R. Assist. Merve MENTEŞ	

**Table 2.** Groups by student numbers.

Order	1 <sup>st</sup> Group Student IDs	2 <sup>nd</sup> Group Student IDs	3 <sup>rd</sup> Group Student IDs	4 <sup>th</sup> Group Student IDs
1	19050511018	21050511006	21050511044	20050541005
2	20050511003	21050511008	21050511045	20050541019
3	20050511016	21050511010	21050511048	21050511068
4	20050511024	21050511011	21050511049	21050511069
5	20050511029	21050511013	21050511052	21050511072
6	20050511048	21050511014	21050511053	21050511073
7	20050511051	21050511015	21050511054	21050511075
8	20050511057	21050511061	21050511056	21050511076
9	20050511065	21050511021	21050511058	21050511078
10	20050511068	21050511024	21050511059	21050511079
11	20050511077	21050511026	21050511060	21050511080
12	20050511082	21050511029	21050511019	21050511082
13	20050561001	21050511036	21050511062	21050541001
14	21050511001	21050511038	21050511063	21050541018
15	21050511004	21050511039	21050561002	21050541028
16	21050511016	21050511040	22050511005	22050541003
17	21050511018	21050511041	22050511035	22050541007
18	-	21050511042	22050511044	22050571006
19	-	21050511017	21050511066	-

**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
Group 1 Group 2 Group 3 Group 4	1 <sup>st</sup> Exp.	2 <sup>nd</sup> Exp.	3 <sup>rd</sup> Exp.	4 <sup>th</sup> Exp.	5 <sup>th</sup> Exp.	MID-TERM EXAM	6 <sup>th</sup> Exp.	7 <sup>th</sup> Exp.	8 <sup>th</sup> Exp.	9 <sup>th</sup> Exp.	10 <sup>th</sup> Exp.

**Table 4.** Experiment time schedule

Group No	1 <sup>st</sup> Exp.	2 <sup>nd</sup> Exp.	3 <sup>rd</sup> Exp.	4 <sup>th</sup> Exp.	5 <sup>th</sup> Exp.	6 <sup>th</sup> Exp.	7 <sup>th</sup> Exp.	8 <sup>th</sup> Exp.	9 <sup>th</sup> Exp.	10 <sup>th</sup> Exp.
	Wednesday									
Group 1	09:30	15:30	11:30	10:30	09:30	13:30	14:30	10:30	09:30	13:30
	10:30	16:30	12:30	11:30	10:30	14:30	15:30	11:30	10:30	14:30
Group 2	10:30	11:30	13:30	11:30	10:30	09:30	15:30	11:30	10:30	09:30
	11:30	12:30	14:30	12:30	11:30	10:30	16:30	12:30	11:30	10:30
Group 3	11:30	13:30	09:30	13:30	11:30	10:30	11:30	13:30	11:30	10:30
	12:30	14:30	10:30	14:30	12:30	11:30	12:30	14:30	12:30	11:30
Group 4	13:30	14:30	10:30	09:30	13:30	11:30	13:30	09:30	13:30	11:30
	14:30	15:30	11:30	10:30	14:30	12:30	14:30	10:30	14:30	12:30

### COURSE POLICY

1. There will be a midterm exam grade (35%), laboratory reports grade (30%), and a final exam grade (35%) within the scope of the course. Exams dates will be announced by the department.
2. To fulfill the course **for all students (even students who failed previous terms)**; at least 80% of laboratory attendance and submitting the reports of attended labs are compulsory. Average report grade is calculated over 10 labs.
3. Students who wish to attend a make-up experiment must apply to the instructor responsible for the respective experiment within 1 week, state their request, and submit the necessary documents. Make-up experiments will be conducted on a date and time determined by the responsible instructor.
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

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