



ANKARA YILDIRIM BEYAZIT UNIVERSITY
FACULTY OF ENGINEERING AND NATURAL SCIENCES
MECHANICAL ENGINEERING DEPARTMENT
MCE 403 - MACHINERY LABORATORY I
2026 - 2027 FALL SEMESTER
GROUPS AND DATES



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

Order	Name of the Experiment	Relevant Instructor	Teaching Assistant	Place
1	Strain Measurement Experiment	Assoc. Prof. Dr. Barış KALAYCIOĞLU Assist. Prof. Dr. Necati UÇAK	R. Assist. Eda Nur İRİS	DB 425
2	Bernoulli Experiment	Prof. Dr. Kamil ARSLAN Prof. Dr. Veli ÇELİK	R. Assist. Alperen ÇANKAYA	AB 317
3	Tensile Test Experiment	Assoc. Prof. Dr. Yasin SARIKAVAK Assoc. Prof. Dr. Mete BAKIR	R. Assist. Enes Furkan ARSLAN	BZ 22
4	Heat Conduction Experiment	Prof. Dr. Hasan ÖZCAN Prof. Dr. Selahattin ÇELİK	R. Assist. Sefa ŞAHİN	AB 317
5	Mechanical Vibrations Experiment	Prof. Dr. Sadettin ORHAN Assist. Prof. Dr. Polat KURT	R. Assist. Özgür BEKTAŞ	CB 414
6	Heat Convection Experiment	Prof. Dr. Ünal ÇAMDALI Prof. Dr. Erol ARCAKLIOĞLU	R. Assist. Furkan ÇETİNER	AB 317
7	Fluid Machinery and Pelton Turbine Experiment	Prof. Dr. Ahmet PINARBAŞI	R. Assist. Ahmed Emin KILIÇ	AB 317
8	Fatigue Experiment	Prof. Dr. Adem ÇİÇEK	R. Assist. Dr. Mustafa YILDIZ	DB 425
9	Heat Radiation Experiment	Assoc. Prof. Dr. Kemal BİLEN	R. Assist. Merve MENTEŞ	AB 317
10	Robotic Arm Control Experiment	Prof. Dr. Mehmet SUNAR	R. Assist. Özgür BEKTAŞ	BZ 22

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	20050511016	22050511010	22050511046	22050511077
2	20050511050	22050511012	22050511047	22050511078
3	20050511077	22050511013	22050511048	22050511079
4	20050561004	22050511015	22050511049	22050511081
5	21050511007	22050511016	22050511050	22050541001
6	21050511020	22050511017	22050511051	22050541010
7	21050511027	22050511020	22050511052	22050551006
8	21050511032	22050511025	22050511053	22050561002
9	21050511034	22050511026	22050511054	22050561005
10	21050511047	22050511027	22050511058	23050511001
11	21050511056	22050511029	22050511059	23050511003
12	21050511065	22050511030	22050511060	23050511018
13	21050511081	22050511031	22050511066	23050511022
14	21050511082	22050511032	22050511067	23050511035
15	21050541021	22050511034	22050511068	23050511036
16	21050561001	22050511037	22050511069	23050511044
17	22050511001	22050511038	22050511072	23050511048
18	22050511003	22050511039	22050511073	23050511049
19	22050511004	22050511041	22050511075	23050511066
20	22050511006	22050511045	22050511076	24050551009
21	22050511007	-	-	-

Table 3. Experiment groups and weeks.

Group No	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
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 Weeks		6 th Exp.	7 th Exp.	8 th Exp.	9 th Exp.	10 th Exp.	Make-up Week

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.
	Wednesday	Wednesday	Wednesday	Wednesday	Wednesday	Wednesday	Wednesday	Wednesday	Wednesday	Wednesday
Group#1	09:30 10:30	13:30 14:30	11:30 12:30	10:30 11:30	09:30 10:30	13:30 14:30	11:30 12:30	10:30 11:30	09:30 10:30	13:30 14:30
Group#2	10:30 11:30	09:30 10:30	13:30 14:30	11:30 12:30	10:30 11:30	09:30 10:30	13:30 14:30	11:30 12:30	10:30 11:30	09:30 10:30
Group#3	11:30 12:30	10:30 11:30	09:30 10:30	13:30 14:30	11:30 12:30	10:30 11:30	09:30 10:30	13:30 14:30	11:30 12:30	10:30 11:30
Group#4	13:30 14:30	11:30 12:30	10:30 11:30	09:30 10:30	13:30 14:30	11:30 12:30	10:30 11:30	09:30 10:30	13:30 14:30	11:30 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**; 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

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