



ANKARA YILDIRIM BEYAZIT UNIVERSITY
FACULTY OF ENGINEERING AND NATURAL SCIENCES
MECHANICAL ENGINEERING DEPARTMENT
MCE 403 - MACHINERY LABORATORY I
2018 - 2019 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	Bernoulli Experiment	Prof. Dr. Veli ÇELİK	R. Assist. Gürcan TİRYAKİ	AB 317
2	Flow Measurement Experiment	Prof. Dr. Ünal ÇAMDALI	R. Assist. Aysun GÜVEN	AB 317
3	Fluid Machinery and Pelton Turbine Experiment	Assoc. Prof. Dr. Arif ANKARALI	R. Assist. Ahmet Y. SEDEF	AB 317
4	Hardness Measurement Experiment	Prof. Dr. Adem ÇİÇEK	R. Assist. Halil YILDIRIM	BB 417
5	Heat Conduction Experiment	Assist. Prof. Dr. Kemal BİLEN	R. Assist. Mustafa YILDIZ	AB 317
6	Heat Radiation Experiment	Assist. Prof. Dr. Yasin SARIKAVAK	R. Assist. Orçun BİÇER	AB 317
7	Mechanical Vibrations Experiment	Prof. Dr. Sadettin ORHAN Prof. Dr. Mehmet SUNAR	R. Assist. M. Cihat YILMAZ	DB 426
8	Natural and Forced Heat Convection Experiment	Prof. Dr. Erol ARCAKLIOĞLU	R. Assist. Gürcan TİRYAKİ	AB 317
9	Strain Measurement Experiment	Assist. Prof. Dr. Fatih GÖNCÜ	R. Assist. Onur GÜNEL	DB 417
10	Tensile Test Experiment	Prof. Dr. Fahrettin ÖZTÜRK Assist. Prof. Dr. İhsan TOKTAŞ	R. Assist. Oğuzhan MÜLKOĞLU	BB 408

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	5 th Group Student IDs
1	1205031007	14050311001	14050311017	14050311041	16050311062
2	1205031029	14050311003	14050311018	14050311043	16050351001
3	1205031030	14050311004	14050311022	14050311044	1205032034
4	1205031031	14050311005	14050311023	14050311045	1205032036
5	1205031036	14050311006	14050311024	14050311046	1305032002
6	1205031044	14050311007	14050311025	14050311047	1305032013
7	1305031014	14050311009	14050311026	14050341006	1305032021
8	1305031026	14050311010	14050311029	15050311018	1305032023
9	1305031041	14050311011	14050311031	15050311041	1305032024
10	1305031044	14050311013	14050311032	15050341002	1305032038
11	1305031046	14050311015	14050311033	15050341006	13050362001
12	1305031047	14050311016	14050311039	16050311058	13050362003

Table 3 Experiment groups and weeks.

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.
Group 1	Week 3	Week 7	Week 6	Week 5	Week 4	Week 9	Week 13	Week 12	Week 11	Week 10
Group 2	Week 4	Week 3	Week 7	Week 6	Week 5	Week 10	Week 9	Week 13	Week 12	Week 11
Group 3	Week 5	Week 4	Week 3	Week 7	Week 6	Week 11	Week 10	Week 9	Week 13	Week 12
Group 4	Week 6	Week 5	Week 4	Week 3	Week 7	Week 12	Week 11	Week 10	Week 9	Week 13
Group 5	Week 7	Week 6	Week 5	Week 4	Week 3	Week 13	Week 12	Week 11	Week 10	Week 9

Table 4 Experiment time schedule

	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13	Week 14
1st Exp.	17:30 19:30	15:30 17:30	13:30 15:30	15:30 17:30	10:30 12:30	-	-	-	-	-	-	-
2nd Exp.	08:30 10:30	10:30 12:30	08:30 10:30	10:30 12:30	08:30 10:30	-	-	-	-	-	-	-
3rd Exp.	10:30 12:30	13:30 15:30	15:30 17:30	08:30 10:30	17:30 19:30	-	-	-	-	-	-	-
4th Exp.	08:30 10:30	10:30 12:30	13:30 15:30	15:30 17:30	17:30 19:30	-	-	-	-	-	-	-
5th Exp.	13:30 15:30	08:30 10:30	10:30 12:30	17:30 19:30	15:30 17:30	-	-	-	-	-	-	-
6th Exp.	-	-	-	-	-	08:30 10:30	-	10:30 12:30	13:30 15:30	15:30 17:30	17:30 19:30	-
7th Exp.	-	-	-	-	-	10:30 12:30	-	08:30 10:30	10:30 12:30	08:30 10:30	10:30 12:30	-
8th Exp.	-	-	-	-	-	10:30 12:30	-	13:30 15:30	15:30 17:30	17:30 19:30	10:30 12:30	-
9th Exp.	-	-	-	-	-	13:30 15:30	-	15:30 17:30	17:30 19:30	13:30 15:30	15:30 17:30	-
10th Exp.	-	-	-	-	-	15:30 17:30	-	17:30 19:30	10:30 12:30	10:30 12:30	13:30 15:30	-

COURSE POLICY

1. There will be a midterm exam grade (25%), laboratory reports grade (25%), and a final exam grade (50%) 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. Kemal BİLEN.

Prof. Dr. Sadettin ORHAN
Head of Mechanical Engineering Department

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