



**ANKARA YILDIRIM BEYAZIT UNIVERSITY**  
**FACULTY OF ENGINEERING AND NATURAL SCIENCES**  
**MECHANICAL ENGINEERING DEPARTMENT**  
**MCE 403 - MACHINERY LABORATORY I**  
**2019 - 2020 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. Polat KURT	AB 317
2	Flow Measurement Experiment	Prof. Dr. Ünal ÇAMDALI	R. Assist. Aysun GÜVEN	AB 317
3	Hardness Measurement Experiment	Prof. Dr. Adem ÇİÇEK	R. Assist. Necati UÇAK	BB 417
4	Heat Conduction Experiment	Assist. Prof. Dr. Kemal BİLEN	R. Assist. Halil YILDIRIM	AB 317
5	Heat Radiation Experiment	Assist. Prof. Dr. Yasin SARIKAVAK	R. Assist. Orçun BİÇER	AB 317
6	Fluid Machinery and Pelton Turbine Experiment	Assoc. Prof. Dr. Arif ANKARALI	R. Assist. Ahmet Y. SEDEF	AB 317
7	Mechanical Vibrations Experiment	Prof. Dr. Sadettin ORHAN Prof. Dr. Mehmet SUNAR	R. Assist. M. Cihat YILMAZ	CB 414
8	Natural and Forced Heat Convection Experiment	Prof. Dr. Erol ARCAKLIOĞLU Assoc. Prof. Dr. Hasan ÖZCAN	R. Assist. Halil YILDIRIM R. Assist. Orçun BİÇER	AB 317
9	Strain Measurement Experiment	Assist. Prof. Dr. Fatih GÖNCÜ	R. Assist. Mustafa YILDIZ	DB 426
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 <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	5 <sup>th</sup> Group Student IDs
1	1205032035	14050361003	15050311015	15050311030	14050341007
2	1305031001	15050311002	15050311016	15050311031	15050311039
3	1305031018	15050311003	15050311017	15050311032	15050341004
4	1305031040	15050311004	15050311021	15050311033	15050341012
5	1305032018	15050311005	15050311022	15050311035	15050351003
6	1305032022	15050311008	15050311024	15050311036	16050311005
7	14050311019	15050311010	15050311025	15050311037	16050311010
8	14050311029	15050311011	15050311026	15050311038	16050311013
9	14050311035	15050311012	15050311027	15050311041	16050311022
10	14050311040	15050311013	15050311029	15050311042	17050551001
11	14050341009	15050311014	-	-	-

**Table 3** Experiment groups and weeks.

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.
Group 1	Week 3	Week 7	Week 6	Week 5	Week 4	Week 8	Week 13	Week 12	Week 11	Week 10
Group 2	Week 4	Week 3	Week 7	Week 6	Week 5	Week 10	Week 8	Week 13	Week 12	Week 11
Group 3	Week 5	Week 4	Week 3	Week 7	Week 6	Week 11	Week 10	Week 8	Week 13	Week 12
Group 4	Week 6	Week 5	Week 4	Week 3	Week 7	Week 12	Week 11	Week 10	Week 8	Week 13
Group 5	Week 7	Week 6	Week 5	Week 4	Week 3	Week 13	Week 12	Week 11	Week 10	Week 8

**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
<b>1<sup>st</sup> Exp.</b>	08:30 10:30	17:30 19:30	15:30 17:30	08:30 10:30	15:30 17:30	-	<b>MID-TERM EXAM</b>	-	-	-	-	-
<b>2<sup>nd</sup> Exp.</b>	10:30 12:30	08:30 10:30	10:30 12:30	13:30 15:30	10:30 12:30	-		-	-	-	-	-
<b>3<sup>rd</sup> Exp.</b>	15:30 17:30	17:30 19:30	08:30 10:30	10:30 12:30	13:30 15:30	-		-	-	-	-	-
<b>4<sup>th</sup> Exp.</b>	13:30 15:30	15:30 17:30	17:30 19:30	10:30 12:30	13:30 15:30	-		-	-	-	-	-
<b>5<sup>th</sup> Exp.</b>	17:30 19:30	10:30 12:30	13:30 15:30	15:30 17:30	17:30 19:30	-		-	-	-	-	-
<b>6<sup>th</sup> Exp.</b>	-	-	-	-	-	08:30 10:30		10:30 12:30	13:30 15:30	15:30 17:30	17:30 19:30	-
<b>7<sup>th</sup> Exp.</b>	-	-	-	-	-	13:30 15:30		15:30 17:30	17:30 19:30	13:30 15:30	15:30 17:30	-
<b>8<sup>th</sup> Exp.</b>	-	-	-	-	-	10:30 12:30		13:30 15:30	15:30 17:30	17:30 19:30	10:30 12:30	-
<b>9<sup>th</sup> Exp.</b>	-	-	-	-	-	15:30 17:30		17:30 19:30	08:30 10:30	10:30 12:30	13:30 15:30	-
<b>10<sup>th</sup> Exp.</b>	-	-	-	-	-	17:30 19:30		10:30 12:30	13:30 15:30	15:30 17:30	10:30 12:30	-

### 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. Yasin SARIKAVAK.

Prof. Dr. Sadettin ORHAN  
Head of The Mechanical Engineering Department

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