



**ANKARA YILDIRIM BEYAZIT UNIVERSITY**  
**FACULTY OF ENGINEERING AND NATURAL SCIENCES**  
**MECHANICAL ENGINEERING DEPARTMENT**  
**MCE 403 - MACHINERY LABORATORY I**  
**2020 - 2021 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	Online
2	Flow Measurement Experiment	Prof. Dr. Ünal ÇAMDALI	R. Assist. Aysun GÜVEN	Online
3	Hardness Measurement Experiment	Prof. Dr. Adem ÇİÇEK	R. Assist. Necati UÇAK	Online
4	Heat Conduction Experiment	Assist. Prof. Dr. Kemal BİLEN	R. Assist. Halil YILDIRIM	Online
5	Heat Radiation Experiment	Assist. Prof. Dr. Yasin SARIKAVAK	R. Assist. Orçun BİÇER	Online
6	Fluid Machinery and Pelton Turbine Experiment	Prof. Dr. Ahmet PINARBAŞI	R. Assist. Ahmet Emin KILIÇ	Online
7	Mechanical Vibrations Experiment	Prof. Dr. Sadettin ORHAN Prof. Dr. Mehmet SUNAR	R. Assist. M. Cihat YILMAZ	Online
8	Natural and Forced Heat Convection Experiment	Prof. Dr. Erol ARCAKLIOĞLU Assoc. Prof. Dr. Hasan ÖZCAN	R. Assist. Halil YILDIRIM R. Assist. Orçun BİÇER	Online
9	Strain Measurement Experiment	Assist. Prof. Dr. Fatih GÖNCÜ Assist. Prof. Dr. Mete BAKIR	R. Assist. Mustafa YILDIZ	Online
10	Tensile Test Experiment	Prof. Dr. Fahrettin ÖZTÜRK Assoc. Prof. Dr. İhsan TOKTAŞ	R. Assist. Oğuzhan MÜLKOĞLU	Online

**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	16050311055	16050311048	16050311056	16050311008	16050311052
2	16050311012	16050311050	16050361001	16050311036	14050362001
3	16050311042	16050341026	16050311022	16050311024	16050311031
4	18050551001	16050311043	16050311023	18050551002	16050311009
5	17050541019	16050311011	43612304890	16050311028	16050341002
6	16050311025	16050311006	16050311037	17050541014	16050311047
7	16050311027	19050551013	14050311037	1305031028	15050341009
8	16050311041	17050541026	15050311006	-	-

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

**Table 4** Experiment time schedule

	Week 2	Week 3	Week 4	Week 5	Week 6	Week 7	Week 8	Week 9	Week 10	Week 11	Week 12	Week 13
<b>1<sup>st</sup> Exp.</b>	08:30 10:30	OCTOBER 29, PUBLIC HOLIDAY	10:30 12:30	13:30 15:30	15:30 17:30	17:30 19:30	MID-TERM EXAM BREAK	-	-	-	-	-
<b>2<sup>nd</sup> Exp.</b>	10:30 12:30		13:30 15:30	15:30 17:30	17:30 19:30	08:30 10:30		-	-	-	-	-
<b>3<sup>rd</sup> Exp.</b>	13:30 15:30		15:30 17:30	17:30 19:30	08:30 10:30	10:30 12:30		-	-	-	-	-
<b>4<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>5<sup>th</sup> Exp.</b>	17:30 19:30		08:30 10:30	10:30 12:30	13:30 15:30	15:30 17:30		-	-	-	-	-
<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>	-		-	-	-	-		10:30 12:30	13:30 15:30	15:30 17:30	17:30 19:30	08:30 10:30
<b>8<sup>th</sup> Exp.</b>	-		-	-	-	-		13:30 15:30	15:30 17:30	17:30 19:30	08:30 10:30	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	08:30 10:30	10:30 12:30	13:30 15:30	15:30 17:30

### COURSE POLICY

1. There will be a laboratory reports grade (50%), 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 final exam. In this case, their final exam grade will have an effect of 100%.
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.