EE209 – CIRCUIT LABORATORY I

(2026 – 2027)

LABORATORY REGULATIONS

PLEASE READ CAREFULLY!

You are responsible of knowing the laboratory instructions.

Grading:

- Quizzes: No Quiz !
- **Laboratory Performance: 50 %**
- **Reports: 50 %**
- Practical Midterm: No Midterm
- Project: No Project

Preliminary Work:

A preliminary work, which should be studied in order to learn the content of the experiment, will be assigned for each experiment. Preliminary works will be mostly reading assignments and the review questions**, if they exist,** will not be collected or graded but information in it will be asked to you during experiments by instructor and effects your lab. performance.

Report:

All the measurements must be completed during the experiments and the results must be noted carefully before leaving the laboratory. A formal report about the experiment should be prepared after the experiment and submitted to the instructor at the beginning of the next experiment. Each team of three/four students will submit one report including:

- Name of the students and Name of the instructor
- Date and section number
- Name of the experiment
- The objective of the experiment
- Graphical results and measurements
- Comparison of the results with the expected ones
- Conclusions

The reports should be written on A4 white paper in a neat and tidy manner. The graphs should be plotted on commercial A4 graph paper. The reports should be submitted at the beginning of the next laboratory session; any late reports will not be accepted. **More**

detailed explanation about preparing a report is given in the document "How to prepare a report" which can be found on the course website.

Schedule:

<u>There is no break during the experiments!!</u>

Section 1 Thursday 9:00 – 10:30
Section 2 Thursday 10:30 – 12:00
There are 2 lab sections and there are 2 lab sub-sections, each sub-section will come to the lab. 1 of 2 weeks as following schedule.
Lab sections and experiment groups can be found at the end of this document.

Week	Date	Section	Experiment number	Experiment Name
1	Oct., 1	All	No Lab.	
2	Oct., 8	All	Group organizations/regulations	
3	Oct., 15	Sub-Sect. 1	Experiment 1	Introduction to Laboratory and Lab. equipments
4	Oct., 22	Sub-Sect. 2		
5	Nov., 5	Sub-Sect. 1	Experiment 2	Voltage and Current Measurement, Multimeter Usage, building electronic circuits on board
6	Nov., 12	Sub-Sect. 2		
7	**Dec., 3**	Sub-Sect. 1	Experiment 3	Using DSO and Signal Generator, Measuring amplitude, phase and frequency, phase difference
8	**Dec., 10**	Sub-Sect. 2		
9	**Dec., 17**	Sub-Sect. 1	Experiment 4	Op-amp circuits
10	**Dec., 24**	Sub-Sect. 2		
11	**Dec., 31**	Sub-Sect.1	Experiment 5	Applications of op-amp Circuits
12	**Jan., 7**	Sub-Sect.2	Experiment 5	Applications of op-amp Circuits
11	**Announced later**	All	Make-ups	

Equipments:

Each team has to bring A4 white papers to write measurements and notes about the experiment. Calculator may be used during the quiz and the experiment. The students are responsible from the equipments on their experiment table. Exchanging of equipments is not allowed among the tables without the permission of the instructor.

Syllabus:

There are 5 experiments. Experiments start on October 8th with an introduction.

Attendance:

The students should attend all the experiments. **Those who miss <u>one experiment</u> without any allowable excuse (medical report or coinciding exams) will directly be graded by NA. Only two medical reports will be accepted and for them only one makeup will be given.** No student will be allowed to take lab. in another lab. section other than his own for any reason [other than a medical report and any conflicting exam].

If you have a medical report or a conflicting exam, you should consult your instructor with a written formal request and your request will be assessed whether you will be given a makeup.

Papers indicating that you were at the health center during your experiment time will not be counted as a medical report.

Course Webpage:

The students are responsible for regularly checking the course webpage for further announcements.

Course webpage:
https://akademik.adu.edu.tr/fakulte/muhendislik/personel/yilmaz.kalkan/courses

*This guide is prepared based on the document "**EE213 –EE214 LABORATORY INSTRUCTIONS**" of the Middle East University, Electrical and Electronics Engineering department.

EE209 Devre Laboratuvarı I — Şube AA01 — Lab Grubu 1

Perşembe 08:30-10:15 · 15 öğrenci · 7 grup

Grup / Masa	Öğrenci No	Ad Soyad
1	211802048	Burak İLERİ
	241802003	Mert KÖLELİ
2	241802033	Hüseyin Mert BİLGİN
	241802034	Ahmet ÖZÇELİK
3	241802035	Emirhan UYANIK
	241802041	Burak NARİN
4	241802044	Zehra GÜZELYÜZ
	241802051	Tuğçe SAĞLAM
5	241802053	Aliye GÖKMENER
	241802055	Alihan YILDIZELİ
6	241802057	Berk AKYOL
	241802065	Yusuf Yasin KIYÇAK
7	241802067	Muhammed Emir ŞENOCAK
	241802068	Pelin ŞAMLI
	241802073	Eylül AYDOĞAN

EE209 Devre Laboratuvarı I — Şube AA01 — Lab Grubu 2

Perşembe 08:30-10:15 · 16 öğrenci · 8 grup

Grup / Masa	Öğrenci No	Ad Soyad
1	241802074	Anıl BOZHAYDAR
	241802076	Furkan GÜZELDERE
2	241802078	Kerem DURAN
	241802080	Mehmet Burak KOÇ
3	241802081	Barış BOLAT
	241802087	Burhan ÖZTÜRK
4	241802088	Yiğit KÖSE
	241802089	Efe KUDİLLİ
5	241802092	Ömer Ziya KUL
	241802094	Eray ERİKGENOĞLU
6	241802095	Burak KOÇER
	241802096	Nisa Zeynep KARAKUŞ
7	241802101	Arif SAYIN
	241802114	Muhammet Ali AKKAYA
8	251802068	Mirza DALDAL
	261802061	Ahmet DİKBAYIR

EE209 Devre Laboratuvarı I — Şube AA02 — Lab Grubu 1

Perşembe 10:30-12:15 · 13 öğrenci · 6 grup

Grup / Masa	Öğrenci No	Ad Soyad
1	221802019	İrem Eda GÖK
	231802033	Muhammet Ali ALTAY
2	231802041	Halil KARABIYIK
	231802077	Canberk BEKTAŞ
3	241802006	Arda ÇETİNKAYA
	241802009	Eltun RAMAZANOV
4	241802026	Yusuf ARSLAN
	241802030	İrem ÖZKASAP
5	241802036	İzzet Hakan HÖL
	241802040	Taha DEMİRKOL
6	241802043	Kerim Can BALKAN
	241802049	Ulus SEVER
	241802052	Yusuf TOSUNER

EE209 Devre Laboratuvarı I — Şube AA02 — Lab Grubu 2

Perşembe 10:30-12:15 · 13 öğrenci · 6 grup

Grup / Masa	Öğrenci No	Ad Soyad
1	241802059	Berke İMRAĞ
	241802062	Kübra CANER
2	241802063	Metehan İŞBAŞARAN
	241802064	Ömer Kaan SÜRÜL
3	241802086	Eren KOÇ
	241802097	Eren BAKAR
4	241802102	Sami DELİKANLI
	241802127	Emir Selçuk ÜNAL
5	241802129	Mustafa KABADAYI
	251802045	Ömer AKÇAY
6	251802049	Sabri UÇAN
	251802061	Zeynep TOSUNER
	251802078	Toprak Ege KOYUNCU