



Electronic Circuits

Lecture 0.1: About the Course

Who am I?

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Course Webpage


← → ↻ me.islerya.com/bme206.php

welcome to my homepage



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- Statistical Data Analysis
- My schedule



LÖSEV
Lösemilli Çocuklar Vakfı

BME206: Electronic Circuits

Answers to the most stupid questions:	<ul style="list-style-type: none">Yes, all contents before the mid-term exam are INCLUDED in the mid-term exam.Yes, all contents are INCLUDED in the final exam.Yes, you MUST COMPLETE all homeworks and lab sessions succesfully; otherwise, you have to attend the class by the next year again.No, you can use your medical report to pretend to join the excuse exam only, not for attendance obligatory.No, I will not give you extra points. You should study more if you may need 1 point more even!									
Textbook	<ul style="list-style-type: none">Bryan H. Suits, "Electronics for Physicists", Springer, 2020									
Reference Texts	<ul style="list-style-type: none">H. Demirel, "Elektronik Devre Elemanlari ve Elektronik Devreler", 2010R. Boylestad and L. Nashelsky, "Electronic Devices and Circuit Theory"Internet									
Grading	Midterm (40%), and Final (60%)									
	<table border="1"><thead><tr><th>Week</th><th>Subjects</th><th>Files</th></tr></thead><tbody><tr><td>#1</td><td>Introduction</td><td>none yet</td></tr><tr><td>#2</td><td>Basic Concepts</td><td><ul style="list-style-type: none">Installing LTspiceCircuit Analysis TypesMathematical Background</td></tr></tbody></table>	Week	Subjects	Files	#1	Introduction	none yet	#2	Basic Concepts	<ul style="list-style-type: none">Installing LTspiceCircuit Analysis TypesMathematical Background
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#1	Introduction	none yet								
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- Theory+Lab: 3+1
- Single theory session per week
- Thursday 13:30-16:15
- Lab assistants are
 - Samet ÇIKLAÇANDIR
 - Bartu YEŞİLKAYA
- LAB grade < 70 means the fail with attendance requirement.
- Course webpage:

<https://me.islerya.com/bme206.php>

Contents & Warnings

- We will
 - revise Circuit Theory contents.
 - learn Semiconductor devices of Diodes, BJT, FET, MOSFET, Tristors, Triacs, SCRs, and Operational Amplifiers.
 - learn the concepts of Instrumentation Amplifiers.
 - see practical Biomedical Signal Recording circuitries of ECG, EMG, EEG, EOG, and EDA.
 - use simulator of LTspice with PSPICE commands.
- Answers to the several most stupid questions:
 - Yes, all contents before the mid-term exam are INCLUDED in the mid-term exam.
 - Yes, all contents are INCLUDED in the final exam.
 - No, you can use your medical report to pretend to join the excuse exam only, not for attendance obligatory.
 - No, I will not give you extra points. You should study more if you may need 1 point more even!
- Please, do not ask such questions !!!



Thanks for
listening 😊

YALÇIN İŞLER

Assoc. Prof.