

EEE222 Circuit Theory II

2023-2024 Spring

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Main Reference Book:

1. Basic Engineering Circuit Analysis (10th edition) by J.D. Irwin & R.M. Nelms

Auxiliary Books & Documents:

1. Fundamentals of Electric Circuits (4th edition) by A. Sadiku
2. Electric Circuits (6th edition) by J.W. Nilsson & S.S. Riedel
3. Schaum's Outline Series - Elektrik Devreleri: Teori ve Problemler by J. Edminister & M. Nahvi (translated by M.T. Aydemir & K.C. Nakiboğlu)

Final Grade = Q1*0.15 + M*0.3 + Q2*0.15 + Final*0.40

EEE222 Circuit Theory II
2023-2024 Spring / Weekly Program

Week	Day (in 2024)	Subject
1	04 March	AC Steady State Analysis
	06 March	AC Steady State Analysis
2	11 March	AC Steady State Analysis
	13 March	AC Steady State Analysis
3	18 March	AC Power Analysis
	20 March	AC Power Analysis
4	25 March	AC Power Analysis
	27 March	AC Power Analysis Quiz #1 (17:30-18:30)
5	01 April	The Laplace Transform
	03 April	The Laplace Transform
6	08 April	Application of the Laplace Transform to Circuit Analysis
	10 April	Eid Al-Fitr (Ramazan Bayramı)
7	15 April	Application of the Laplace Transform to Circuit Analysis
	17 April	Application of the Laplace Transform to Circuit Analysis
8	22 April	Application of the Laplace Transform to Circuit Analysis
	24 April	Application of the Laplace Transform to Circuit Analysis
9	29 April	Midterm I
	01 May	
10	06 May	Application of the Laplace Transform to Circuit Analysis
	08/ May	Application of the Laplace Transform to Circuit Analysis
11	13 May	Fourier Analysis Techniques
	15 May	Fourier Analysis Techniques
12	20 May	Fourier Analysis Techniques
	22 May	Fourier Analysis Techniques Quiz #2 (17:30-18:30)
13	27 May	Variable Frequency Network Performance
	29 May	Variable Frequency Network Performance
14	03 June	Variable Frequency Network Performance
	05 June	Variable Frequency Network Performance
15	10 June	Variable Frequency Network Performance
	12 June	Variable Frequency Network Performance