

ECE 202 Linear Circuit Analysis II

Summer 2009 Course Schedule

Lec #	Date	Pages	Topic
1	6/15	493-504	Introduction to Laplace Transforms
2	6/16	504-508	Laplace Examples
3	6/17	508-516	Inverse Laplace & Partial Fraction Analysis
4	6/18	516-525	Basic Properties of the Laplace Transform
5	6/19	526-530	Laplace Transform Method of Solving Integral/Differential Equations
6	6/22	541-550	Impedance/Admittance Analysis using Laplace transforms
7	6/23	550-554	Introduction to Transfer Functions
8	6/24	554-560	Equivalent Circuits to Model IC's of Inductors and Capacitors
9	6/25	561-567	Loop and Node Analysis Examples
10	6/26	567-578	Switching Network Analysis Examples
Exam I	6/29		Exam I
11	6/30	598-604	Notion of Poles and Zeros
12	7/1	604-611	Classification of Responses
13	7/2	611-615	Steady-State Analysis
Break	7/3		NO CLASS - Independence Day Holiday
14	7/6	616-623	Frequency Response Analysis/ Impulse and Step Responses
15	7/7	623-636	Initial/Final Value Theorems
16	7/8	655-661	Introduction to Convolution
17	7/9	671-675	Graphical Convolution
18	7/10	675-680	Convolution Algebra
Exam II	7/13		Exam II
19	7/14	Notes	Introduction to Filtering
20	7/15	692-707	Bandpass Basics
21	7/16	Notes	Practical Considerations with Bandpass Circuit Analysis
22	7/17	Notes	Resonance
23	7/20	885-896,720-729	Butterworth Low-Pass Filters
24	7/21	897-901	Active Filter Design
25	7/22	752-758	Introduction to Transformers/Mutual Inductance
26	7/23	758-769	Additional Methods of Solving Mutual Inductance Problems
Exam III	7/24		Exam III
27	7/27	770-778	Transformers in Circuits
28	7/28	778-784	Coupled Inductor Simplifications/Non-Idealities
29	7/29	800-813	Admittance Parameters
30	7/30	813-820	Impedance Parameters
31	7/31	820-831	h/t Parameters/Generalization
32	8/3	854-868	Interconnected Two-Ports
33	8/4	--	Catch-up/Instructor Preference
Final	8/5		*
Final	8/6		*
Final	8/7		*

*The final will be one of these days, I am not sure which, or at what time.
I will let you know as soon as I do.