

Circuits II – Summer Semester 2016 Tentative Schedule

Date	Topics	Reference	Lab
05/17	Course Introduction		
05/19	Review		
05/24	Series-Parallel Networks	17.1-3	
05/26	Dependent vs. Independent Sources & Source Conversions Mesh Analysis	18.2-3 18.4	2
05/31	Mesh Analysis Nodal Analysis	18.4 18.5	
06/02	Nodal Analysis Δ -Y, Y- Δ Conversions	18.5 18.7	3
06/07	Superposition Theorem Thevenin's & Norton's Theorems	19.2 19.3-4	4
06/09	Thevenin's & Norton's Theorems Maximum Power Transfer Theorem	19.3-4 19.5	5
06/14	AC Power Power Factor Correction	20.2-8 20.9	6
06/16	☺☺☺☺☺ Exam I ☺☺☺☺☺		
06/21	Series Resonant Circuits	21.1-9	7
06/23	Parallel Resonant Circuits	21.10-12	8
06/28	Logarithms, Decibels RC Low & High Pass Filter	22.1-3 22.4-6	9
06/30	Pass/Stop Band Filters Bode Plots	22.7-8 22.11-12	
07/05	3 Φ Circuits Y-connected Generator Y-Y Three-Phase Systems		
07/07	Δ -Connected Generator Δ - Δ , Δ -Y Three-Phase Systems		10
07/12	Three-Phase Power Measuring Three-Phase Power		
07/14	Mutual Inductance Iron-Core Transformers		11
07/19	☺☺☺☺☺ Exam II ☺☺☺☺☺		
07/21	Reflected Impedance and Power Impedance Matching		12
07/25-27	FINAL EXAMS – EXACT DATE/TIME TBD		
07/28-29	GRADUATION		