

EE 230 Coverage - Spring 2010
(Tentative Course Coverage)

		Topics
Week 1	Jan 11-15	
	1	Electronic System Overview
	2	Signals in Electronic Systems
	3	sss response, transfer functins
Week 2	Jan 18-22	
		Holiday
	4	Transfer Characteristics, Transfer functions, s-domain analysis
	5	Linear systems, step response
Week 3	Jan 25-29	
	6	Linear systems, poles, zeros, stability
	7	Amplifiers, pass/stop bands
	8	Amplifiers, linear two-port models
Week 4	Feb 1-5	
	9	Feedback concepts
	10	Op Amps, models and basic applications
	11	Op Amps, basic gain and summing circuits
Week 5	Feb 8-13	
	12	Op Amps, integrators and impedance generators
	13	Exam 1
	14	Op Amps, differential amplifiers
Week 6	Feb 15-19	
	15	Nonideal op amp characteristics
	16	Nonlinear circuits
	17	Nonlinear analysis
Week 7	Feb 22-26	
	18	Nonlinear analysis
	19	Nonlinear op amp circuits
	20	Nonlinear circuits, comparators
Week 8	Mar 1-5	
	21	Comparators with hysteresis
	22	Waveform generation
	23	Waveform generation
Week 9	Mar 8-12	
	24	Waveform generation
	25	Waveform generation
	26	Exam 2 (tentative)
Spring Break	Mar 15-19	
Week 10	Mar 22-26	
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Week 11	Mar 29-Apr 2	
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Week 12	Apr 5-9	
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Week 13	Apr 12-16	
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Week 14	Apr 19-23	
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	41	Exam 3 (tentative)
Week 15	Apr 26-30	
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Final Exam	Monday May 3	7:30-9:30