

EE103 Fall 2017		TEXTBOOK : SIGNALS, SYSTEMS, AND TRANSFORMS, 5th ed. By Charles L. Phillips, John M. Parr, Eve A. Riskin						
Lecture #	Date	Topics	Reading (Textbook Sections)			Homework Assign.	Quiz	
1	F, 9/29	Introduction	Appendix D, E, F (pp. 737-751) & Ch.1					
2	M, 10/2	Signals- Even/Odd, Periodic	Ch2.1-2.2			No.1		
3	W, 10/4	Signals-Impulse, Waveforms	Ch2.3-2.5					
4	F, 10/6	Signal Functions, Properties	Ch2.5-2.7					
5	M, 10/9	Linear TI Systems	Ch2.7-3.1			No. 2	No. 1	
6	W, 10/11	Convolution	Ch3.2-3.3					
7	F, 10/13	LTI Systems	Ch3.4-3.5					
8	M, 10/16	Stability-BIBO	Ch3.6-3.8			No. 3	No. 2	
9	W, 10/18	Fourier Series for Periodic Sig.	Ch4.1-4.2					
10	F, 10/20	Fourier Series, Freq. Spectra	Ch4.3-4.4					
11	M, 10/23	System Analysis using F.S.	Ch4.5-4.6			No. 4	No. 3	
12	W, 10/25	Fourier Transform(FT)	Ch5.1					
13	F, 10/27	FT Properties	Ch5.2					
14	M, 10/30	FT of Periodic Sig. and App.	Ch5.3-5.4			No. 5	No. 4	
15	W, 11/1	MIDTERM EXAM						
16	F, 11/3	Bode Plots	Ch5.4					
17	M, 11/6	Energy,Power Density Spectra	Ch5.5			No. 6	No. 5	
18	W, 11/8	Signal Filters	Ch6.1-6.2					
	F, 11/10	VETERANS DAY						
19	M, 11/13	Signal BW and Sampling	Ch6.3-4			No. 7	No. 6	
20	W, 11/15	Signal Construction	Ch6.5					
21	F, 11/17	Signal Modulation, Mux	Ch6.6-6.7					
22	M, 11/20	Laplace Transform (LT)	Ch7.1-7.2			No. 8	No. 7	
23	W, 11/22	LT of Signal Functions	Ch7.3					
	11/23,24	THANKSGIVING						
24	M, 11/27	LT Properties	Ch7.4-7.5			No. 9	No. 8	
25	W, 11/29	LTI Systems & LT	Ch7.6					
26	F, 12/1	LTI Systems Characteristics	Ch7.7					
27	M, 12/4	Bilateral LT	Ch7.8			No. 10	No. 9	
28	W, 12/6	LT-LS	Ch7.9					

