

Rough Lecture/Assignment/Quiz Schedule (Cont'd)



Week	Lab	Day	Date	Assignment/Quiz	Topic/Exercises	
8	Lab 4 (4-Sound Synth)	T	21-Oct		Design of Frequency Selective Filters (Chapter 7) 1. Design of CT (analogue) filters 2. Butterworth filters Sampling and Quantization (Chapter 9) Time Domain Analysis of DT Systems (Chapter 10) z Transform for DT Signals and Systems (Chapter 13) 1. z Transform: Definition 2. DTFT for DT Periodic Signal 3. Properties of DT Fourier Transform 4. Convolution Property, Multiplication Property: Circular Convolution. Digital Signal Processing	
		R	23-Oct	Assignment 2 due		
9	Lab 4 due	T	28-Oct			
		R	30-Oct			
10	Lab 5 (6 – Speech)	T	4-Nov			
		R	6-Nov	Assignment 3 due		
11	Lab 5 due	T	11-Nov			
		R	13-Nov			
12	Lab 6 (12 – AM radio)	T	18-Nov			
		R	20-Nov	Quiz 2		
13	Lab 6 due	T	25-Nov			CT and DT Control Systems 1. Transfer functions from Constant Coefficient Difference Equations
		R	27-Nov			
14		T	2-Dec	Assignment 4 due		
		R	4-Dec	No Class		