

EE438 Digital Signal Processing with Applications
Fall 1995
Lecture and Laboratory Schedule

Wk	Day	HW due	Laboratory	Lecture numer and title
1	Aug. 21			1. Introduction
	Aug. 22		None	
	Aug. 23		None	2. Signal Properties
	Aug. 24		None	
	Aug. 25			3. System Properties
2	Aug. 28			4. CTFT & DTFT
	Aug. 29		Ex 1: Introduction	
	Aug. 30			5. Frequency analysis
	Aug. 31		Ex 1: Introduction	
	Sep. 1	HW#1 (Zh)		6. Sampling
3	Sep. 4	*****Holiday*****		
	Sep. 5		Ex 2: Dis.-Time Systems	
	Sep. 6			7. Reconstruction
	Sep. 7		Ex 2: Dis.-Time Systems	
	Sep. 8	HW#2 (F)		8. D-T Filtering & Zero Order Hold
4	Sep. 11			9. Interpolation & Decimation
	Sep. 12		Ex 3: Quantization	
	Sep. 13			10. Z-transform
	Sep. 14		Ex 3: Quantization	
	Sep. 15	HW#3 (W)		11. Z-transform
5	Sep. 18			12. DFT
	Sep. 19		Ex 4: FIR Filters	
	Sep. 20			13. FFT
	Sep. 21		Ex 4: FIR Filters	
	Sep. 22			EXAM
6	Sep. 25			14. Circular Convolution
	Sep. 26	Grade 7:00PM	Ex 5: IIR Filters	
	Sep. 27			15. Quantization
	Sep. 28		Ex 5: IIR Filters	
	Sep. 29	HW#4 (F)		16. 2-D Intro. & CSFT
7	Oct. 2			17. CSFT properties
	Oct. 3		Ex 6: Data Analysis	
	Oct. 4			18. 2-D Transform pairs
	Oct. 5		Ex 6: Data Analysis	
	Oct. 6	HW#5 (Zh)		19. 2-D scanning & sampling
8	Oct. 9	*****Holiday*****		
	Oct. 10	*****Holiday*****		
	Oct. 11			20. Tomography
	Oct. 12		Ex 7: ECG Signal Proc.	
	Oct. 13	HW#6 (F)		21. Tomography

9	Oct. 16 Oct. 17 Oct. 18 Oct. 19 Oct. 20	Ex 8: Image Proc. Ex 8: Image Proc.	22. Tomography 23. Tomography EXAM
10	Oct. 23 Oct. 24 Oct. 25 Oct. 26 Oct. 27	Ex 10: Tomography Ex 10: Tomography	24. Tomography 25. Point wise image mappings 26. 2-D Filtering
11	Oct. 30 Oct. 31 Nov. 1 Nov. 2 Nov. 3	Mini-Project Mini-Project HW#7(Z) & 8 (W)	27. Probability 28. Expectation 29. Covariance and autocorrelation
12	Nov. 6 Nov. 7 Nov. 8 Nov. 9 Nov. 10	Ex 7: ECG Signal Proc. Open Lab HW#9 (Zh)	30. Random Processes 31. Power Spectrum 32. Speech
13	Nov. 13 Nov. 14 Nov. 15 Nov. 16 Nov. 17	Ex 9: Image Coding Ex 9: Image Coding	33. Speech 34. Speech EXAM
14	Nov. 20 Nov. 21 Nov. 22 Nov. 23 Nov. 24	 none *****Holiday***** *****Holiday***** *****Holiday*****	35. Speech
15	Nov. 27 Nov. 28 Nov. 29 Nov. 30 Dec. 1	 Open Lab Open Lab Open Lab HW#10 (F)	36. Speech 37. Speech 38. Speech
16	Dec. 4 Dec. 5 Dec. 6 Dec. 7 Dec. 8 Dec 12	 Open Lab Open Lab Open Lab Final Exam (Tues. 8:00-10:00am CIVL 1144)	39. Speech 40. Speech 41. Project Posters and Demos

	Mon.	Tues.	Wed.	Thur.	Fri.
7:30		Lab 1 Fleeter EE 063		Lab 3 Zheng EE 063	
8:30		↓		↓	
9:30		↓	Office Hours Zheng EE 273	↓	Office Hours Wijeratne EE69
10:30		Office Hours Fleeter EE 130	Office Hours Zheng EE 273	Office Hours Zheng EE 273	Office Hours Fleeter EE 130
11:30	Lecture Civl 1252		Lecture Civl 1252	Lab 4 Wijeratne EE 063	Lecture Civl 1252
12:30			Office Hours Bouman MSEE 348	↓	Office Hours Bouman MSEE 348
1:30	Staff Meeting			↓	
2:30				Lab 5 Fleeter EE 063	
3:30				↓	
4:30				↓	

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