

Course outline & schedule

Lecture [203]	Week		Lab [022]
DT signals & systems review	6.10.03	1 8/9.10.03	
Frequency domain methods	13.10.03	2 16.10.03	
DTFT properties, implementations	20.10.03	3 23.10.03	Signals, systems, frequency
DTFT - applications	27.10.03	4 29/30.10.03	Signals, systems, frequency
z-transform, filters	3.11.03	5 6.11.03	Spectral analysis (determ.)
	10.11.03	6 12/13.11.03	Spectral analysis (determ.)
Test I / Instantaneous spectrum	17.11.03	7 20.11.03	Instantaneous spectrum
IIR filter design	24.11.03	8 26/27.11.03	Instantaneous spectrum
FIR filter design	1.12.03	9 4.12.03	Filter design
Signal processors	8.12.03	10 10/11.12.03	Filter design
Stochastic signals	15.12.03	11 18.12.03	Signal processors
Autocorrelation & PSD estimation	22.12.03	12 24/25.12.03	
	29.12.03	13 1.1.04	
Review / 2D signal processing	5.1.04	14 7/8.1.04	Signal processors
Test II / 2D signal processing	12.1.04	15 15.1.04	Image processing
Advanced techniques overview	19.1.04	16 21/22.1.04	Image processing
Summary - review	26.1.04	17	

The lab is 4 hours, every second week (interlaced) in two groups of max. 12 students