SSY130 Q2 2019

What	Day
	Study Week → 1 (Week 45), 2 (46), 3 (47), 4 (48), 5 (49), 6 (50), 7 (51), 15-Jan-20 (3), 06-Apr-20 (15), 25-Aug-19 (35)
	Day → Mo Tu We Th Fr (each week), We, Mo, Tu
L1	Introduction, SoS continuous time, Fourier transform — Week 1, Tu
L2	SoS discretete time, Fourier transform and sampling — Week 1, We
L3	Ideal and ZOH reconstruction — Week 1, Fr
P1	Acoustic communication — Week 2 Mo through Week 4 (Projects, with deadlines)
L4	Frequency analysis, Periodogram, DFT, Filtering using DFT, Equalization — Week 2, Tu
T1	SoS, Fourier transforms — Week 2, Tu (Tutorial)
L5	Window effects, FFT, block based filtering — Week 3, Mo
HIP1	Sampling and reconstruction — Week 3, Mo–Fr (Hand-In-Prob., deadline)
L6	Filter specs, Linear phase filter, FIR window design method, FIRLS and FIRPM — Week 3, Tu
L7	IIR filter design — Week 4, Mo
L8	DSP-kit introduction, Code development — Week 4, Mo
L9	Multirate SP, Oversampling techniques — Week 4, We
L10	Statistical SP, Wiener filtering — Week 4, Th
HIP2	FIR filter design — Week 5, Mo–Fr (Hand-In-Prob., deadline)
L11	Finite causal Wiener filter, RLS — Week 5, Mo
T2	FIR and IIR filter design — Week 5, Tu (Tutorial)
L12	LMS filtering — Week 5, Tu
OEP1	Oral examination project 1 — Week 5, Tu–We (Projects)
P2	Adaptive noise cancellation — Week 5 We through Week 6 (Projects, deadline)
L13	Analysis of LMS and RLS — Week 5, Th
L14	Kalman filtering — Week 6, Mo
T3	Statistical SP, Wiener filter example — Week 6, Mo, Tu (Tutorial)
L15	Quantization errors, Signal matched filtering and detection — Week 7, Mo
HIP3	Kalman filtering — Week 7, Mo–Tu (Hand-In-Prob., deadline)
OEP2	Oral examination project 2 — Week 7, Tu–We (Projects)
Exam 1	15-Jan-20, We (Exam)
Exam 2	06-Apr-20, Mo (Exam)
Exam 3	25-Aug-19, Tu (Exam)

Legend:
- Lectures — green
- Projects — blue
- Tutorials — grey
- Hand-In-Prob. — orange
- Exams — red
- Deadlines — purple