

SD2125 SIGNALS AND MECHANICAL SYSTEMS 2021

Course Schedule.

L = Lecture, TU = Tutorial home assignment, Lab = Laboratory exercise,
SEM = Seminar for home assignments, WT = Written Test

Item	Time	Place	Program
L1	Wednesday 3 November 15:15-17:00	B3	Course information, Introduction Ch 2: Signal descriptions, time histories. Ch 3: Fourier analysis Ch 4: Laplace transform, the s-domain
TU	Monday 8 November 08:15-10:00 https://kth-se.zoom.us/j/65167729820	Hugin, Munin	Tutorial for home assignments
TU	Tuesday 9 November 10:15-12:00 https://kth-se.zoom.us/j/66750914481	Hugin, Munin	Tutorial for home assignments
Deadline	Wednesday 10 November	Canvas	Deadline for submitting the report for home assignment 1
SEM	Thursday 11 November 08:15-09:00 Thursday 11 November 09:15-10:00	D31, L31	Seminar: Home assignment 1
SEM	Thursday 11 November 10:15-11:00 Thursday 11 November 11:15-12:00 Thursday 11 November 16:15-17:00	Hjärne, Rinman	Seminar: Home assignment 1
L2	Monday 15 November 13:15-15:00	B3	Ch 5: Time discrete signals, DFT and FFT Ch 6: Signals and linear systems Ch 7: Correlation
TU	Tuesday 16 November 08:15-10:00 https://kth-se.zoom.us/j/63782082516	Hugin, Munin	Tutorial for home assignments
TU	Wednesday 17 November 10:15-12:00 https://kth-se.zoom.us/j/62062841317	Hugin, Munin	Tutorial for home assignments

Deadline	Wednesday 17 November	Canvas	Deadline for submitting the report for home assignment 2
SEM	Wednesday 17 November 13:15-14:00 Wednesday 17 November 14:15-15:00	Hjärne, Rinman	Seminar: Home assignment 2
SEM	Thursday 18 November 10:15-11:00 Thursday 18 November 11:15-12:00	M31, M32	Seminar: Home assignment 2
SEM	Thursday 18 November 15:15-16:00	Hjärne, Rinman	Seminar: Home assignment 2
WT1	Monday 22 November 08:00-10:00	E31 - E36	Written Test 1: Ch 2,3,4,5,6,7
L3	Wednesday 24 November 15:15-17:00	B3	Ch 8: Power spectral density, PSD Ch 9: Spectrum analysis with FFT
TU	Thursday 25 November 08:15-10:00 https://kth-se.zoom.us/j/69588282571	Hugin, Munin	Tutorial for home assignments
TU	Monday 29 November 10:15-12:00 https://kth-se.zoom.us/j/68061628517	Hugin, Munin	Tutorial for home assignments
Deadline	Monday 29 November	Canvas	Deadline for submitting the report for home assignment 3
SEM	Tuesday 30 November 08:15-09:00 Tuesday 30 November 09:15-10:00	D31, L31	Seminar: Home assignment 3
SEM	Wednesday 1 December 10:15-11:00 Wednesday 1 December 11:15-12:00	B24, B25	Seminar: Home assignment 3
SEM	Wednesday 1 December 14:15-15:00	E31, E34	
L4	Thursday 2 December 13:15-15:00	B3	Ch 10: Digital filters, z- transform Ch 11: Spectrum analysis with filters Ch 12: Active control of sound

TU	Thursday 2 December 15:15-17:00 https://kth-se.zoom.us/j/61200696151	Hugin, Munin	Tutorial for home assignments
TU	Friday 3 December 15:15-17:00 https://kth-se.zoom.us/j/67662208797	Hugin, Munin	Tutorial for home assignments
Deadline	Monday 6 December	Canvas	Deadline for submitting the report for home assignment 4
SEM	Tuesday 7 December 08:15-09:00 Tuesday 7 December 09:15-10:00	D31, L31	Seminar: Home assignment 4
SEM	Tuesday 7 December 10:15-11:00 Tuesday 7 December 11:15-12:00 Tuesday 7 December 15:15-16:00	Hjärne, Rinman	Seminar: Home assignment 4
L5	Wednesday 8 December 13:15-15:00	B3	Signal analysis an efficient tool – A showcase from the industry. Shiva Sander Tavallaey Applications of Signal Analysis Elias Zea Marcano
Lab	Thursday 9 December 13:15-15:00 Thursday 9 December 15:15-17:00 Friday 10 December 13:15-15:00 Friday 10 December 15:15-17:00 Monday 13 December 08:15-10:00 Monday 13 December 10:15-12:00 Monday 13 December 13:15-15:00 Monday 13 December 15:15-17:00 Tuesday 14 December 08:15-10:00 Tuesday 14 December 10:15-12:00 Tuesday 14 December 13:15-15:00 Tuesday 14 December 15:15-17:00 Wednesday 15 December 08:15-10:00 Wednesday 15 December 10:15-12:00 Wednesday 15 December 13:15-15:00 Wednesday 15 December 15:15-17:00 Thursday 16 December 08:15-10:00 Thursday 16 December 10:15-12:00 Thursday 16 December 13:15-15:00 Thursday 16 December 15:15-17:00	MWL	Lab exercise: Active control of sound
WT2	Friday 17 December 13:00-15:00	E31- E35, E51	Written Test 2: Ch 8,9,10,11,12

EXAM	Friday 14 January 14:00-18:00	D32, D33, D34, D35, D41, D42, E31	Ch 2-12
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Examiner

Hans Bodén

Teachers

Lectures: Hans Bodén, Karl Bolin, Shiva Sander Tavallaey, Elias Zea Marcano

Tutorials: Shail Shah, Charitha Vaddamani, Hans Bodén, Karl Bolin

Seminars: Hans Bodén, Karl Bolin

Lab exercises: Shail Shah, Charitha Vaddamani

WELCOME !

Hans Bodén

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