

EE5027 Adaptive Signal Processing

Course Calendar (Tentative)

Week	Date	Topic	Note
1	September 12, 2018	Logistics and mathematical backgrounds	
2	September 19, 2018	Mathematical backgrounds	HW #1 assigned
3	September 26, 2018	Wiener filters	
4	October 3, 2018	Wiener filters	HW #1 due ¹ HW #2 assigned
5	October 10, 2018	-	Double Tenth Day
6	October 17, 2018	Linear prediction	
7	October 24, 2018	Linear prediction	HW #2 due ¹
8	October 31, 2018	-	Out of town (ACSSC 2018)
9	November 7, 2018	Kalman filters	HW #3 assigned
10	November 14, 2018	Kalman filters	
11	November 21, 2018	Midterm exam	
12	November 28, 2018	Methods of steepest descent	HW #3 due ¹ HW #4 assigned
13	December 5, 2018	Stochastic gradient-based algorithms	
14	December 12, 2018	LMS adaptive filters	Proposal due ¹
15	December 19, 2018	LMS adaptive filters	HW #4 due ¹
16	December 26, 2018	Least-squares methods	
17	January 2, 2019	Applications in array signal processing	
18	January 9, 2019	-	Final report due ¹

Last updated November 7, 2018.

¹The deadline is to be announced.