

dates	lecture#/event	teaching schedule
9/1/2012	1	Intro., Circuit theoretic background
16/1/2012	2	Impedance/freq. scaling, Magn. Approx. MFM & CHEB approx., freq. transformation
23/1/2012	3	LP, HP,BP and BS filter transfer function synthesis
30/1/2012	4	Phase approx., BT filters, Passive LC ladder filters
6/2/2012	5	Active RC second order filters, SAB, multi OA filters, Sensitivity, Effect of funite GBW of OA
13/2/2012	6	OTA-C filters, CC based filters, IC elements for filter implementation, Intro. To SC filters
	MT break	
27/2/2012	Test#1 & Lec#7 (syllab: lec 2-5)	BLT, second order SCF, MT1 Test
5/3/2012	8	Parasitic insensitive SCF, Analysis using SPICE Design example for second order SCF
12/3.2012	9	Intro. To high order active filter, gyrator, GIC,FDNR
19/3/2012	10	High order active filter, Operational simul
26/3/2012	11	Operational simul (cont.), Integrated circuit filters
2/4/2012	Test#2 & Lect#12 (syllab: lec 6-10)	Integ. Circ. Filters (cont.), Current mode filters MT 2 Test
11/4/2012	13 (Report subm)	Current mode filters, Switched current filters