

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	27/6/16	Introduction to Linear ICs	I	Blackboard & Chalk		
2	27/6	Op-amp: Internal diagram		"		
3	29/6	Differential amplifier's Types		"		
4	30/6	DC analysis		"		
5	4/7	AC analysis: Dual IP, Balance o/p		"		
6	6/7	Single IP, Bal. o/p		"		
7	6/7	Dual IP, Unbalanced o/p		"		
8	11/7	Single IP, Unbalanced o/p		"		
9	11/7	Cascade diff. amp.		"		
10	13/7	Level Translator		"		
11	14/7	Revision		"		
12	18/7	IC types: Classification	II	"		
13	18/7	Packaging types and temp. ranges		"		
14	20/7	Op-amp block diagram review		"		
15	21/7	Characteristics of Op-amp: Ideal		"		
16	1/8	Practical op-amp specifications		"		
17	1/8	"		"		
18	3/8	"		"		
19	6/8	Full op-amp and its features		"		
20	8/8	"		"		

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21	10/8/16	op-amp Parameters and measurement		Blackboard & chalk		
22	17/8	"		"		
23	18/8	Frequency Compensation		"		
24	20/8	FET/JP op-amp & Revision		"		
25	24/8	Linear applications of op-amp	III	"		
26	1/9/16	Inverting and Non-inverting amp.		"		
27	7/9	"		"		
28	8/9	Summing, Scaling & Average amp.		"		
29	14/9	"		"		
30	15/9	Integrator		"		
31	19/9	Differentiator		"		
32	21/9	Difference amplifier		"		
33	22/9	Instrumentation amp.		"		
34	26/9	AC amplifier		"		
35	28/9	Commutator & Buffers		"		
36	29/9	Non-linear applications: Multivibrator		"		
37	3/10/16	Triangular & Square Wave generators		"		
38	3/10	Log & anti-log amp.		"		
39	5/10	Precision rectifier; Revision		"		
40	6/10	Active filters: Butterworth, 1st order LPC	IV	"		

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41	10/10	1st order HPF		Blackboard chalk		
42	10/10	2nd order LPF, HPF: VCVS Config.		"		
43	12/10	Band Pass filters		"		
44	13/10	Band reject filters All pass filters		"		
45	14/10	DAC: Weighted resistor		"		
46	17/10	R-2R ladder, Inverted R-2R ladder		"		
47	19/10	ADCs: Counter type, Successive Approximation		"		
48	20/10	Parallel Comparators Dual-slope		"		
49	21/10	Specifications		"		
50	24/10	555 functional diagram	V	"		
51	25/10	Monostable & Astable Modes		"		
52	26/10	Schmitt Trigger PLL: Introduction		"		
53	29/10	Block diagram		"		
54	27/10	Applications		"		
55	28/10	VCO applications		"		
56	31/10	Four Quadrant Multiplier		"		
57	31/10	1496, Analog Switches		"		
58	1/11	3/11 circuit		"		
59	3/11	Revision		"		
60	4/11	Revision		"		