

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	17/3/14	Introduction to Communication System	1	Blackboard with chalk		
2	18/3	"		"		
3	19/3	Need for modulation		"		
4	20/3	"		"		
5	21/3	Amplitude modulation Time domain desc.		"		
6	24/3	Frequency domain desc.		"		
7	25/3	Power relations: Problem Solving		"		
8	26/3	Generation of AM: Square-law		"		
9	27/3	Switching Modulation		"		
10	1/4	Detection of AM: Square-law		"		
11	2/4	Envelope detector Revision: FDM		"		
12	3/4	DSBSC: Time domain and freq. domain desc.	2	"		
13	4/4	"		"		
14	7/4	Generation: Balanced Modulation		"		
15	9/4	Ring Modulation		"		
16	10/4	Coherent detection		"		
17	11/4	Problem Solving		"		
18	14/4	Costas Loop		"		
19	15/4	SSB: Frequency domain description	3	"		
20	16/4	Generation: Frequency discrimination Method		"		

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21	17/4	Time domain desc. Phase discrimination method		Blackboard with chalk		
22	18/4	Demodulation		"		
23	21/4	VSB : Frequency desc Generation		"		
24	23/4	Time domain desc. Envelope detection		"		
25	24/4	Comparison and Applications of AM		"		
26	25/4	Angle Modulation: Basic concepts	4	"		
27	28/4	Single tone modulation		"		
28	30/4	Spectral analysis		"		
29	1/5	NB FM, WBFM, Power		"		
30	2/5	Transmitter BW, Generators : Direct		"		
31	2/6	Detection		"		
32	4/6	"		"		
33	5/6	Comparison of FM & AM		"		
34	16/6	Transmitter : RF Spectrum	5	"		
35	18/6	Classification		"		
36	19/6	AM Transmitter		"		
37	20/6	FM Transmitter: variable reactance		"		
38	23/6	Phase Modulation type		"		
39	25/6	Frequency stability		"		
40	26/6	Revision		"		

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41	27/6	Receivers : Basics	6	Black board with chalk		
42	30/6	Types : TRF		"		
43	2/7	Superheterodyne		"		
44	3/7	Problem Solving		"		
45	4/7	RF section & char.		"		
46	7/7	Tracking, IF		"		
47	9/7	AGC		"		
48	10/7	FM receiver		"		
49	11/7	Comparison		"		
50	14/7	Pulse Modulation: TDM	7	"		
51	14/7	Types : PAM		"		
52	17/7	PWM : Generation & demod.		"		
53	21/7	PPM : Generation & demod.		"		
54	23/7	TDM Vs FDM		"		
55	24/7	Revision		"		
56	25/7	Noise : Noise in analog Comm. System	8	"		
57	28/7	Noise in DSB & SSB		"		
58	29/7	Noise in Angle Modulation System		"		
59	29/7	Problem Solving		"		
60	30/7	Threshold effect		"		

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61	31/7	Pre-emphasis & De-emphasis		Blampong with chalk		
62	1/8	Revision		,		done 4/4/19