

# LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	20/7/15	Introduction	I			
2	20/7/15	Radiation mechanism	"			
3	22/7	Antenna parameters	"			
4	23/7	Antenna parameters	"			
5	27/7	"	"			
6	27/7	retarded potentials	"			
7	29/7	small current element	"			
8	30/7	"	"			
9	3/8	half wave dipole	"			
10	3/8	"	"			
11	5/8	Antenna theorems	"			
12	6/8	"	"			
13	10/8	loop antennas	"			
14	10/8	"	"			
15	12/8	short dipole	"			
16	13/8	short magnetic dipole	"			
17	17/8	different Arrays	II			
18	17/8	pattern multiplication	"			
19	19/8	2 element broad side	"			
20	20/8	2 element end fire array	"			

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21	24/8	N-element <sup>array</sup> <del>small size</del>	<u>I</u>			
22	24/8	N-element <sup>and Pire</sup> <del>array</del>	"			
23	26/8	EFA <sup>directivity</sup> <del>BFA with increased</del>	"			
24	27/8	scanning <del>of</del> binomial <sup>arrays</sup>	"			
25	31/8	Effects of uniform <sup>and nonuniform</sup>	"			
26	31/8	problems on <sup>arrays</sup>	"			
27	2/9	introduction to <sup>resonant &amp; non resonant</sup>	<u>II</u>			
28	3/9	travelling wave <sup>radiation</sup>	"			
29	7/9	long wire antennas.	"			
30	7/9	rhombic antenna	"			
31	9/9	"	"			
32	10/9	v-antennas	"			
33	14/9	helical antenna.	"			
34	14/9	"	"			
35	16/9	Yagi uda antenna	<u>IV</u>			
36	19/9	Folded dipole	"			
37	21/9	reflect <sup>or</sup> antenna	"			
38	21/9	parabolic reflect <sup>or</sup>	"			
39	23/9	"	"			
40	24/9	"	"			

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41	28/9	horn antennas				
42	28/9	lens antenna				
43	30/9	lens antenna				
44	1/10	Antenna measurements				
45	5/10	Antenna measurements				
46	5/10	Ground wave propagation				
47	7/10	Ionosphere				
48	8/10	Ionosphere characteristics				
49	12/10	virtual height				
50	12/10	Ionospheric abnormalities				
51	14/10	Ionospheric abnormalities				
52	15/10	miss equation				
53	19/10	los and radio <sup>horizontal</sup>				
54	19/10	los and radio horizontal				
55	21/10	radius of curvature of earth				
56	22/10	radius of curvature of earth				
57	26/10	effective earth radius				
58	26/10	effective earth radius				
59	28/10	m curve				
60	29/10	duct propagation				

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
61	2/11	tropospheric scattering				
62	2/11					
63	4/11					
64	5/11					
65	9/11					
66	9/11					
67	11/11					
68	12/11					

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