

2016-2017 II ECE-C, II Semster, EMUTL

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	6/12/16	Review of Coordinate sys	I	CL		
2	7/12/16	vector calculus	"	"		
3	8/12/16	Coulomb's law	"	"		
4	9/12/16	Differential charge density	"	"		
5	13/12/16	E due to ρ	"	"		
6	14/12/16	E due to ρ	"	"		
7	15/12/16	E due to ρ	"	"		
8	16/12/16	Electric flux density	"	"		
9	20/12/16	Gauss law	"	"		
10	4/1/17	Electric potential	"	"		
11	22/12/16	Relationship E & V	"	"		
12	23/12/16	Maxwell two eqns	"	"		
13	27/12/16	Energy density	"	"		
14	28/12/16	Conductivity σ	"	"		
15	29/12/16	Dielectric const	"	"		
16	30/12/16	Dielectric loss	"	"		
17	3/1/17	Continuity equation	"	"		
18	4/1/17	Capacitors	"	"		
19	5/1/17	problems on cap	"	"		
20	6/1/17	problems on cap	"	"		

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
21	10/1/17	Biot-Savart law	II	CL		
22	17/1/17	Ampere's circuit law	"	"		
23	18/1/17	Magnetic flux density	II	"		
24	19/1/17	Maxwell two eqns	"	"		
25	20/1/17	Scalar & vector	"	"		
26	24/1/17	Fields due to mag	"	"		
27	25/1/17	Inductance & mag	"	"		
28	26/1/17	Boundary conditions	III	"		
29	27/1/17	Modified Ampere's	"	"		
30	3/1/17	Maxwell's eqns	"	"		
31	1/2/17	Boundary cond for die	"	"		
32	2/2/17	Boundary cond for perfect	"	"		
33	3/2/17	problems on Maxwell	"	"		
34	7/2/17	problems on Max	"	"		
35	8/2/17	Wave equation for	III	"		
36	9/2/17	Uniform plane wave	III	"		
37	10/2/17	Electromagnetic wave	"	"		
38	14/2/17	Wave propagation in	"	"		
39	15/2/17	lossless media	"	"		
40	16/2/17	good conductor	"	"		

2016-2017, II ECE-C, II Semester, EMWTL

LESSON PLAN

2016-2017, ZEEB-C, 11 Semesters

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
41	17/2/17	polarisation	B)	CR		
42	21/2/17	problems on polarisation	11	11		
43	22/2/17	Reflection	11	11		
44	23/2/17	Refraction	B)	11		
45	24/2/17	Brewster's angle	B)	11		
46	28/2/17	Critical angle	11	11		
47	2/3/17	Total internal reflection	B)	11		
48	3/3/17	Spherical mirrors	11	11		
49	7/3/17	Ray tracing	11	11		
50	8/3/17	Applications of mirrors	11	11		
51	9/3/17	Power, loss	11	11		
52	10/3/17	problems on power	11	11		
53	14/3/17	problems on thin lenses	11	11		
54	15/3/17	problems on optical instruments	11	11		
55	16/3/17	problems on optical instruments	11	11		
56	17/3/17	problems on plane	11	11		
57	21/3/17	problems on curved	B)	11		
58	22/3/17	Introduction to	B)	11		
59	23/3/17	primary, secondary	B)	11		
60	24/3/17	20, v.p., u.g., propagation	11	11		

LESSON PLAN

[illegible]