

MC 13-14

LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective / Upon Rev
1	2 nd June	MC intro...	1	CR		
2	5 th 9 th	Guided Vs Unguided Modulation		11		
3	5 th 10 th	Modulation methods for Voice		11		
4	2 nd 11 th	for data (PCM...)		11		
5	1 st 12 th	MC AVC		11		
6	2 nd 13 th	Apps & limitations		11		
7	5 th 14 th	Antennae		11		
8	5 th 17 th	mobile sys n/w s		11		
9	2 nd 18 th	cellular n/w s	2	11		
10	1 st 19 th	frequency reuse		11		
11	2 nd 20 th	Smart phones		11		
12	5 th 21 st	mobile OS		11		
13	5 th 24 th	Handheld Pocket comp		11		
14	2 nd 25 th	Limitations of mobile devices		11		
15	1 st 26 th	GSM intro	3	V		
16	2 nd 28 th	GSM AVC		V		
17	5 th 2 nd July	1G vs 2G vs 2.5G		11		
18	5 th 3 rd	Cell Switching Vs Packet Switching		11		
19	2 nd 4 th	RSS, NSS, OSS		11		
20	1 st 5 th	Handoffs		11		

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21	2	6 th	GPRS		CP		
22	5	7 th	"		"		
23	5	11 th	1G vs 2G vs 2.5G vs 3G vs 4G	4	"		
24	2	12 th	WMAc intro - -		"		
25	1	13 th	CDMA, FDMA, SDMA, TDMA - -		"		
26	2	15 th	Spread spectrum		"		
27	5	16 th	FHSS, DS		"		
28	5	17 th	"		"		
29	2	18 th	WCDMA		"		
30	1	20 th	Broadband wireless access		"		
31	2	20 th	4G		"		
32	5	24 th	IPv6 MIP	5	"		
33	5	26 th	OSI vs TCP/IP		"		
34	2	28 th	MIP: registration Data transfer		"		
35	1	30 th	Agent discovery		"		
36	2	Aug 1 st	TCP		"		
37	5	2 nd	1-TCP Scoop - TCP		"		
38	5	4 th	MTCP		"		
39	2	5 th	Syc in MC	6	PPT		
40	1	7 th	Domain-dependent specific		"		

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41	2	8 th	Personal info managers		PPT		
42	5	9 th	IBM websphere		"		
43	5	11 th	mobile agent design		"		
44	2	12 th	aglets		"		
45	1	13 th	Application Server		"		
46	2	14 th	MANETS intro	7	CR		
47	5	20 th	wireless mesh n/w intro--		"		
48	5	21 st	wireless Sensor n/w intro--		"		
49	2	3 rd	Applications---		"		
50	1	4 th	Data Fusion. Traffic deployment		"		
51	2	5 th	Cellular Vs adhoc		"		
52	5	6 th	Hybrid wireless n/w		"		
53	5	7 th	Routing protocols		"		
54	2	15 th	Security in ad-hoc n/w		"		
55	1	16 th	Wi-Fi	8	"		
	2	18 th	WAP 1.1		"		
	5	oct 4 th	"		"		
	5	5 th	WDP		"		
	2	6 th	WTLS		"		
	1	1 st	wireless app environment.		"		

SPM LESSON PLAN

Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	23 rd Dec	SPM intro...	1	CP		
1	24 th (T)	SDLC		"		
4	24 th	SDLC		"		
4	26 th	Waterfall model (theory)		"		
1	27 th (T)	(Practice)		"		
3	27 th	Conventional S/W mgt performance		"		
1	31 st (T)	S/W economics		"		
3	31 st	"		"		
1	Jan 2 nd	Pragmatic S/W cost estimation		"		
4	2 nd	Improving S/W economics	2	"		
1	3 rd (T)	languages OOM & visual modeling		"		
3	3 rd	Improving team effectiveness		"		
1	7 th (T)	Quality: defect		"		
3	7 th	review, inspection & peer inspections		"		
1	9 th	Old way & new way		"		
4	9 th	↓ 30 principles		"		
1	10 th (T)	"		"		
3	10 th	modern S/W mgt		"		
1	17 th T	Process models		"		
3	17 th	Iterative process		"		

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1	21 st (T)	Spiral model		CR		
3	21 st	Prototype model		"		
1	23 rd (T)	Revision			BLK	
4	23 rd	Life - cycle phases	3	CRT		
1	24 th (T)	Engg vs production		"		
3	24 th	Inception elaboration		"		
1	28 th (T)	Construction Transition		"		
3	28 th	Artifacts		"		
1	30 th	mgt set engg set		"		
4	30 th	evolution life cycle		"		
1	31 st T	Test artifacts		"	BLK	
3	31 st	model based software	4	"		
1	Feb 4 th (T)	"		"		
3	4 th	mgt perspective		"		
1	6 th	"		"		
4	6 th	"		"		
1	7 th (T)	Technical perspective		"		
3	7 th	"		"	BLK	
1	10 th	Check points	5	"		
3	10 th	Major vs minor vs periodic assess		"		

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1	20 th	"		CRT		
4	20 th	"		"		
1	21 st	Iterative process planner		"		
3	21 st	WBS		"		
1	25 th	Guidelines of planning		"		
3	25 th	"		"		
1	27 th	Planning process		"		
4	27 th	All templates (which are read)		"		
1	28 th	"		"		
3	28 th	Line - of - Business	6	CRT		
1	mon 4 th	"		"		
3	4 th	Project orgs		"		
1	6 th	OB		"		
4	6 th	"		"		
1	7 th	evolution of orgs		"		
3	7 th	Automation		CRT		
1	11 th	need for Automating		"		
4	11 th	Automation building blocks		"		
1	13 th	Project environment		"		
3	13 th	"		"		

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Period	Date (Tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Corrective Action Upon Review
1	14 th	7 core metrics	7	CR		
3	16 th	mgt indicators		"		
1	18 th	life cycle expectations		"		
4	20 th	"		"		
1	20 th	Pragmatic S/W metrics		"	BLK	
3	21 st	"		"		
4	21 st	metrics automation		"		
1	25 th	S/W tailoring		"		
3	25 th	"		"		
1	27 th	dead code		CR		
4	27 th	Refactorization		"		
1	28 th	Process discriminants		CR	BLK	
3	28 th	NXN S/W economics	4	"		
1	APR 1 st	"		"		
4	1 st	modern process transitions		"		
1	3 rd	"		"		
3	3 rd	modern project profiles		"		
1	4 th	"		"		
4	4 th	"		"		
1	8 th	"		"	BLK	