

## LESSON PLAN

Period	Date (tentative)	Topic	Unit No.	Teaching Methodology	Remarks	Correction Action (upon Review)
1	23/2	Introduction to Basic Simulation Modeling	I	PPT		
2	24/2	System Analysis & Modeling		"		
3	25/2	Discrete Event Simulation		"		
4	26/2	Simulation of Single Server Queueing Systems		"		
5	27/2	- do -		"		
6	28/2	Simulation of Inventory Systems		"		
7	29/2	Allocation of Resources (Simulation)		"		
8	29/2	- do -		"		
9	29/2	Introduction to Simulation Software	II	"		
10	29/2	Comparison of Simulation Software with Real Systems		"		
11	29/2	Classification of Simulation		"		
12	29/2	Discrete Event Simulation		"		
13	29/2	General purpose Simulation packages		"		
14	29/2	Verilog		"		
15	29/2	Object Oriented Simulation		"		
16	29/2	Examples of simulation packages and their features		"		
17	29/2	General purpose simulation packages	III	"		
18	29/2	Simulation of Manufacturing Systems		"		
19	29/2	Simulation of Manufacturing Systems		"		
20	29/2	- do -		"		

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21	29/2	Simulation of Manufacturing Systems	IV	PPT		
22	29/2	Simulation of Manufacturing Systems		"		
23	29/2	Simulation of Manufacturing Systems		"		
24	29/2	Simulation of Manufacturing Systems		"		
25	29/2	Simulation of Manufacturing Systems		"		
26	29/2	Simulation of Manufacturing Systems		"		
27	29/2	Simulation of Manufacturing Systems		"		
28	29/2	Simulation of Manufacturing Systems		"		
29	29/2	Simulation of Manufacturing Systems		"		
30	29/2	Simulation of Manufacturing Systems		"		
31	29/2	Simulation of Manufacturing Systems		"		
32	29/2	Simulation of Manufacturing Systems		"		
33	29/2	Simulation of Manufacturing Systems		"		
34	29/2	Simulation of Manufacturing Systems		"		
35	29/2	Simulation of Manufacturing Systems		"		
36	29/2	Simulation of Manufacturing Systems		"		
37	29/2	Simulation of Manufacturing Systems		"		
38	29/2	Simulation of Manufacturing Systems		"		
39	29/2	Simulation of Manufacturing Systems		"		
40	29/2	Simulation of Manufacturing Systems		"		
41	29/2	Simulation of Manufacturing Systems		"		
42	29/2	Simulation of Manufacturing Systems		"		
43	29/2	Simulation of Manufacturing Systems		"		

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Period	Date (Tentative)	Topic	Unit No.	Teaching methodology	Remarks	Comments
44.	1/6	Continuing time machine project	21	PPP		
45.	2/6	Event driven models - Substitution	2	"		
46.	3/6	Simulation design		"		
47.	7/6	Queueing theory		"		
48.	8/6	Simulating queueing system		"		
49.	9/6	Types of queueing		"		
50.	10/6	Multiple servicing		"		
51.	14/6	System optimization - Exhaustive	21	"		
52.	15/6	System Identification		"		
53.	16/6	Searching		"		
54.	17/6	Alpha/beta search		"		
55.	20/6	multi dimensional optimization		"		
56.	22/6	do		"		
57.	23/6	Modeling & Simulation methodology		"		
58.	24/6	do		"		