

THREE RIVERS COMMUNITY COLLEGE  
OPERATIONS MANAGEMENT ASSIGNMENT

CLASS #	DUE DATE	Description of material to be covered
1	08/27/10	Introduction- ; homework assignments; Student log-on, CD Rom load, Rom review loading procedure
2	08/30/10	<b>How to use ACTIVE MODELS, EXCEL OM &amp; POM for windows</b> Integrating MS Excel with POM & ACTIVE MODELS
3	09/01/10	Power Point overview of Chapter one with emphasis on <b>PRODUCTIVITY MEASUREMENTS</b>
4	09/03/10	Power Point overview of Chapter one with emphasis on <b>PRODUCTIVITY MEASUREMENTS</b> How to use POM for Windows and its application to productivity problems
	09/06/10	<b>LABOR DAY HOLIDAY</b>
5	09/08/10	Review Chapter One Homework problems
6	09/10/10	Power Point overview of - Decision Making Tools
7	09/13/10	Review homework problems - <b>Decision Making Tools</b>
8	09/15/10	Review homework problems - <b>Decision Making Tools</b> Use Excel Solver for Solution of <b>Linear Programming</b> homework assignments
9	09/17/10	Using student CD-Rom & Excel <b>SOLVER</b> in applications to Linear programming problems LP programming solutions on SAMPLE PROBLEMS
10	09/20/10	Using student CD-Rom & Excel <b>SOLVER</b> in applications to Linear programming problems LP programming solutions on SAMPLE PROBLEMS
11	09/22/10	Using MS EXCEL & POM to solve Linear Programming problems
12	09/24/10	Using MS EXCEL & POM to solve Linear Programming problems <b>TEST #1 Productivity, Decision Making &amp; Linear Programming DISCUSSION</b>
13	09/27/10	<b>TEST #1 Multiple Choice DUE AT BEGINNING OF CLASS</b> Power Point overview of TIME-SERIES FORECASTING
14	09/29/10	Power Point overview of Section 4 - Learning Curves
15	10/01/10	Solve homework problems using <b>ACTIVE MODEL &amp; EXCEL OM</b>
16	10/04/10	Solve homework problems using <b>ACTIVE MODEL &amp; EXCEL OM</b>
17	10/06/10	Application of <b>EXCEL EXCEL OM &amp; ACTIVE MODEL TOOLS</b> to time series for

17	10/06/10	Application of <u>EXCEL, EXCEL OM &amp; ACTIVE MODEL TOOLS</u> to time series for
18	10/08/10	Application of <u>EXCEL, EXCEL OM &amp; ACTIVE MODEL TOOLS</u> to time series for
19	10/11/10	Review homework problems - <u>TIME-SERIES FORECASTING</u> Power Point overview of <u>Regression &amp; Correlation Analysis of Forecasting</u>
20	10/13/10	Review homework problems - <u>TIME-SERIES FORECASTING</u>
21	10/15/10	Review homework problems - <u>Regression &amp; Correlation Analysis of Forecast</u> <b>TEST #2 ON Sections 4 &amp; 5 DISTRIBUTED</b>
22	10/18/10	<b>TEST #2 DUE AT BEGINNING OF CLASS</b> Power Point overview of <u>PROJECT MANAGEMENT</u>
23	10/20/10	Solve sample project problems using <u>ACTIVE MODEL &amp; EXCEL OM</u>
24	10/22/10	Solve homework project problems using <u>ACTIVE MODEL &amp; EXCEL OM</u> Use POM - Review Hard Rock's Rockfest; <u>ORIGINAL SCHEDULE</u> homework
25	10/25/10	Use <u>MS PROJECT</u> - Review Hard Rock's Rockfest; <u>CRASHED SCHEDULES</u> hom
26	10/27/10	Power point overview of Section 7 - <u>Quality Management</u> Power Point overview of Section 8 - <u>Statistical Process Control (SPC)</u>
27	10/29/10	Review homework problems for <u>Quality Management</u> and <u>Statistical Process C</u>
28	11/01/10	Review homework problems for <u>Statistical Process Control</u>
29	11/03/10	Review homework problems for <u>Statistical Process Control</u>
30	11/05/10	Review homework problems for Statistical Process Control <b>TEST #3 ON Sections 6, 7 &amp; 8 DISTRIBUTED</b>
31	11/08/10	<b>TEST #3 DUE AT BEGINNING OF CLASS</b> Review homework problems - Section 9 <u>Waiting Line Models</u>
32	11/10/10	Review homework problems - Section 9 <u>Waiting Line Models</u>
33	11/12/10	Review homework problems - Section 9 <u>Waiting Line Models</u> Section 9 <u>Waiting Line Models</u> Lamda for Project
34	11/15/10	<b>Power Point overview of Section 10 - Process Strategy</b>
35	11/17/10	Power Point overview of Section 10 - <u>Process Strategy</u>
36	11/19/10	Review homework problems - <u>Process Strategy</u> <b>TEST #4 ON Sections 9 &amp; 10 DISTRIBUTED</b>
37	11/22/10	<b>TEST #4 DUE AT BEGINNING OF CLASS</b>

37	11/22/10	TEST #4 DUE AT BEGINNING OF CLASS
	11/24/10	NO CLASS - MAKE-UP
	11/26/10	NO CLASS - THANKS
38	11/29/10	Power Point overview of Section Eleven - Capacity Planning
39	12/01/10	Review homework problems - <u>Capacity Planning</u>
40	12/03/10	Review homework problems - <u>Capacity Planning</u>
41	12/06/10	Review homework problems - <u>Capacity Planning</u> Power Point overview of Section Twelve - Inventory Management
42	12/08/10	Review homework problems - <u>Inventory Management</u>
43	12/10/10	Review homework problems - <u>Inventory Management</u>
44	12/13/10	Review homework problems - <u>Inventory Management</u> TEST #5 ON Sections 11 & 12 DISTRIBUTED
45	12/15/10	TEST #5 DUE AT BEGINNING OF CLASS

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NOTES (Revised 08/24/10)

Date	READING & HOMEWORK ASSIGNMENT	
	READING DUE	PROBLEMS DUE
for and CD programs	NONE	NONE
	CD POM manual	NONE
<u>REQUIREMENT</u>	Operations & Productivity	NONE
<u>REQUIREMENT</u>	Operations & Productivity	Section 1 Problems - 2, 4, 6, 7, 13, 14
<b>- NO CLASS</b>		
	Operations & Productivity	Section 1 Problems - 2, 4, 6, 7, 13, 14
	Decision-Making Tools	NONE - Read Section <u>Decision Making</u>
	Decision-Making Tools	Sec 2: 1, 2, 5, 9, 14, 15, 16, 18, 19
	Decision-Making Tools	Sec 2: 1, 2, 5, 9, 14, 15, 16, 18, 19
problems - Demonstrate	Linear Programming	Example Problems 3 & 4
problems - Demonstrate	Linear Programming	Problem #6
	Linear Programming	Problems - 13, 15, 18
<b>DISTRIBUTED</b>	Linear Programming	Problems - 26, 27, & 28
<b>S</b>	Sec. 5 Forecasting	NONE
	Learning Curves	NONE - Read Section <u>Learning Curves</u>
	Learning Curves	Excel OM pg. 87 & 88 Active Model E.1
	Learning Curves	Sec 4: 4, 6, 9, 12, 16, 20
forecasting problems	Sec. 5	Pg 101 Ex 1; Ex. 2; Ex.

Forecasting problems		Forecasting	4: Ex 7
Forecasting problems		Sec. 5 Forecasting	Sec. 5 Prob. 2, 3, 5, 7, 9, 19, 24, 25
		Sec. 5 Forecasting	Sec. 5 Prob. 2, 3, 5, 7, 9, 19, 24, 25
		Sec. 5 Forecasting	Sec. 5 Prob. 28, 39, 40, 49
ing		Sec. 5 Forecasting	Project: forecast foreclosures
		Sec 6 - Project Mgmt	NONE Read Section <u>Project Mgmt.</u>
		Sec 6 - Project Mgmt	Page 159-Table 3.2 Page 168 Example 8
		Sec 6 - Project Mgmt	Sec. 6 Prob. 1, 3, 6, 17, 18, 24
network		Sec 6 - Project Mgmt	ROCKFEST - Original & crashed schedule
		Sec 7-Managing Quality	None - Read Sections 7 & 8
Control		Sec 8-Statistical Process Control	Sec. 7 Prob. 3, 12, 14, 16
		Sec 8-Statistical Process Control	Sec. 8 Prob. 1, 2, 3, 6
		Sec 8-Statistical Process Control	Sec. 8 Prob. 10, 14, 16, 17, 18
		Sec 8-Statistical Process Control	Sec. 8 Prob. 25 & 34
		Sec 9-Waiting Line Models	NONE Read Section <u>Waiting Line Models</u>
		Sec 9-Waiting Line Models	Sec. 9 Prob. 2, 3, 5 & 7
		Sec 9-Waiting Line Models	Sec. 9 Prob. 9, 13, 15 Waiting Line Project
		Sec 10 Process Strategy	NONE Read Section <u>Process Strategy</u>
		Sec 10 Process Strategy	Sec 10 Prob 5, 6, & 8
		Sec 10 Process Strategy	Sec 10 Prob 9B, 12, & 14
		none	none

	<b>none</b>	<b>none</b>
<b>JP SCHEDULED</b>		
<b>GIVING HOLIDAY</b>		
	Sec 11 capacity Planning	NONE Read Section Capacity Planning
	Sec 11 capacity Planning	Sec 11 Prob 1, 6, 9 & 11
	Sec 11 capacity Planning	Sec 11 Prob 15,22,25 & 29
	Sec 11 capacity Planning	Sec 11 Prob 30, 31 & 35
	Section 12 Inventory Mgmt	Sec 12 Solved Problem 1 - 9
	Sec. 12 Inventory Mgmt.	Sec 12 Prob: 3, 4, 9, 13 & 17
	Section 12 Inventory Management	Sec 12 Prob: 22, 28, 34 & 38
	<b>none</b>	<b>none</b>