

THREE RIVERS COMMUNITY COLLEGE
OPERATIONS MANAGEMENT ASSIGNMENTS (Revised 1/28/08)

CLASS #	DUE DATE	Description of material to be covered	READING & HOMEWORK ASSIGNMENT	
			READING DUE	PROBLEMS DUE
1	01/29/08	Introduction- Review syllabus; grading criteria; attendance criteria and methodology; homework assignments; Student log-on, CD Rom load, Rom review and CD programs loading procedure	NONE	NONE
		Student CD: Review content - chapter presentations on power point; How to transfer and load software application programs How to use ACTIVE MODELS, EXCEL OM & POM for Windows		
		Power Point overview of Chapter one with emphasis on PRODUCTIVITY MEASUREMENT		
2	02/05/08	Introduction to using Excel spreadsheets; review homework assignment	ONE	Page 413; Ex 4-Table 13.4 Duplicate on Excel
		How to use POM for Windows and its application to productivity problems	TWO	Chapter 1 Problems - 2, 4, 6, 7, 13, 14
		Review Chapter One Homework problems		
		Brief Power Point overview of Chapter TWO (emphasis on STRATEGY TERMINOLOGY)		
	Using student CD-Rom & Excel SOLVER in applications to Linear programming problems			
3	02/19/08	Using student CD-Rom & Excel SOLVER in applications to Linear programming problems - Demonstrate LP programming solutions on SAMPLE PROBLEMS	MODULE B	MODULE B - Example Problems B-2, B-3, B-4 & B-5
		Use Excel Solver for Solution of Quantitative Module B homework assignments		Mod B - Problem #6
		Using student CD-Rom & Excel SOLVER in applications to Linear programming problems - Demonstrate LP programming solutions on SAMPLE PROBLEMS		
		Use Excel Solver for Solution of Quantitative Module B homework assignments		
4	02/26/08	Review Homework problems - Quantitative Module B	MODULE B	Mod B - 13, 15, 18, 26, 27 & 28
		Using student CD-Rom & Excel SOLVER in applications to Linear programming problems - Demonstrate LP programming solutions on SAMPLE PROBLEMS		
		Use Excel Solver for Solution of Quantitative Module B homework assignments		
		TEST #1 CHAPTERS 1, 2 & MOD B DISTRIBUTED		
		TEST #1 DUE AT BEGINNING OF CLASS		
5	03/04/08	Answer questions pertaining to test & review selected test problems	THREE	Page 58-Table 3.2 Page 64 Example 8
		Power Point overview of Chapter THREE		
		Solve sample project problems using ACTIVE MODEL & EXCEL OM		
6	03/11/08	Solve homework project problems using ACTIVE MODEL & EXCEL OM	THREE	CH 3 - 1, 3, 6, 14 & 15, 18, & 24
		Use POM - Review Hard Rock's Rockfest; ORIGINAL SCHEDULE homework	FOUR	ROCKFEST - Original & crashed schedule
		Review Hard Rock's Rockfest; CRASHED SCHEDULES homework		
		Power Point overview of TIME-SERIES FORECASTING		
	03/18/08	SPRING BREAK - NO CLASS	NONE	NONE
7	03/25/08	Application of EXCEL, EXCEL OM & ACTIVE MODEL TOOLS to time series forecasting problems	FOUR	Page 102 - Example 9
		Review homework problems - TIME-SERIES FORECASTING		4.2, 4.3, 4.5, 4.7 & 4.9
		Power Point overview of Regression & Correlation Analysis of Forecasting		
8	04/01/08	Review homework problems - TIME-SERIES FORECASTING	FOUR	4.19, 4.24, 4.25,
		Review homework problems - Regression & Correlation Analysis of Forecasting		4.28, 4.39, 4.40 & 4.49
		TEST #2 ON CHAPTERS 3 & 4 DISTRIBUTED		3 & 4
		TEST #2 DUE AT BEGINNING OF CLASS		
9	04/08/08	Power point overview of Quality Management	SIX plus SIX SUPPLEMENT	Read Chapter Six & Six Supplement
		Power Point overview of SPC - Statistical Process Control		6.3, 6.12, 6.14, 6.16
		Review homework problems for Quality Management and Statistical Process Control		
10	04/15/08	Review homework problems for Statistical Process Control	SIX	6.3, 6.12, 6.14, 6.16
		Power Point overview of Quantitative Module A - Decision Making Tools	SIX SUPPLEMENT	S6.1, S6.2, S6.3, S6.6, S6.10, S6.14, S6.16-18, S6.25, S6.34
		Review homework problems - Decision Making Tools	QUANTITATIVE MODULE A	Mod. A: 1, 2, 5, 9, 14, 15, 16, 18, 19
		Power Point overview of Quantitative Module D - Queuing Systems	MODULE D	
12	04/29/08	Review homework problems - Queuing Systems	QUANTITATIVE MODULE D	D: 2, 3, 5, 7, 9, 13, 15
		TEST # 3 CHAPTERS 6, 6 Supplement, & Modules A & D DISTRIBUTED		
13	05/06/08	TEST # 3 DUE AT BEGINNING OF CLASS		