



AL MUSANNA COLLEGE OF TECHNOLOGY

DEPARTMENT OF BUSINESS STUDIES

BAMG4201	PRODUCTION AND OPERATIONS MANAGEMENT	3credit hours
Pre-requisite		
Goal	<p>This course gives an introduction to the functional area of production and operations management as practiced in manufacturing industries and the service sector. It includes decision-making, project management, facility layout in manufacturing and services industries, waiting lines, quality control, just-in-time systems, forecasting, aggregate planning, inventory management.</p>	
Objectives	Outcomes	
learn about the design, implementation and control of production and operations	<p>Students should be able to :</p> <ol style="list-style-type: none"> 1. Demonstrate a basic understanding of production management. 2. Demonstrate an awareness of the importance of facility layouts. 3. Explain the importance of Quality Control. Apply techniques to measure quality control. 4. Demonstrate a basic understanding of the problems of waiting lines. 5. Demonstrate an understanding of the principles of just-in-time systems 6. Explain the importance of forecasting. Demonstrate the ability to apply some mathematical forecasting techniques. 7. Demonstrate an understanding of the concept of aggregate planning. 8. Demonstrate an understanding of the problems involved in inventory management. 	



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