



COURSE FILE SUMMARY

COURSE INFORMATION

College / Institute / Centre	Management and Technology	Department	Accounting and Finance
Programme Title		Program Code	
Course Title	Materials and Logistics Management	Course Code	EA322
# Hours	-----2-----	-----2-----	-----3-----
	Lecture	Lab / Tutorial	Credit
Pre Requisites : EA 221			

COURSE AIM

This course introduces the basic logistics concepts in a format that is useful for management decision making. It includes a good balance of theory and practical applications. This course includes subjects such as: supply chain management, warehousing, forecasting and inventory management.

COURSE OBJECTIVES

- Understand different tradeoffs in logistics management
- Objectively relate the various conflicts involved in the operation of logistics activities
- Appreciate the role of transport and the criteria for choosing transport modes
- Make effective judgment on warehousing and inventory decisions
- Optimize warehouse and handling assets and equipments

STAFF REQUIREMENTS

	Qualifications	Special Skills	Number
Lectures	PhD		
Tutorials	Bachelor		
Laboratories / Workshops			

LECTURE SCHEDULE

Lecture			Description
#	Week	Hrs	
1	1	2	Introduction to Logistics Management
2	2	2	The Integrated Logistics Management Concept
3	3	2	Customer Service
4	4	2	Order Processing and related Information System
5	5	2	Forecasting
6	6	2	Inventory Management
7	7	2	7 th week exam
8	8	2	Inventory Management (continued) / Transportation
9	9	2	Transportation (continued)
10	10	2	Warehousing and Materials Handling system
11	11	2	Warehousing and Materials Handling system (continued)
12	12	2	12 th week exam / Purchasing
13	13	2	Purchasing (continued)
14	14	2	Production Scheduling
15	15	2	Materials Requirements Planning
16	16	2	Final exam

TEXT BOOKS

Code*	Description
.....	J. Stock and D. Lambert, Strategic Logistics Management , 4 th Ed., McGraw-Hill/Irwin, 2001

REFERENCE BOOKS

Code*	Description
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TUTORIAL SCHEDULE

Tutorial			Topic
#	Week	Hrs	
1	1	2	Application on the introduction to Logistics Management
2	2	2	Quantitative application on the Integrated Logistics Management Concept
3	3	2	Customer Service
4	4	2	Application on the Order Processing and related Information System
5	5	2	Quantitative application on Forecasting
6	6	2	Quantitative application on Inventory Management
7	7	2	Solving the 7 th week exam as model answer
8	8	2	Quantitative application on Inventory Management (continued) / Transportation
9	9	2	Quantitative application on Transportation (continued)
10	10	2	Application on Warehousing and Materials Handling system
11	11	2	Application on Warehousing and Materials Handling system (continued)
12	12	2	Solving the 12 th week exam as model answer / Purchasing
13	13	2	Quantitative application on Purchasing (continued)
14	14	2	Quantitative application on Production Scheduling
15	15	2	Quantitative application on Materials Requirements Planning

