SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop
(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 1	Title: Introduction to Logistics Management	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	A case to introduce the Logistics Management
2	Examples on the Critical Physical Distribution Loop (Figure)
3	Examples on the Interfaced Activities (Figure)
4	Examples on the Components of the Logistics Management (Figure)

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

Lecture

Source Material

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

MPC 3/3-1

College/Institute/Centre: Management and Technology
Department of: Accounting and Finance

SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop
(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 2	Title: The Integrated Logistics Management Concept	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	The Integrated Logistics Management Concept
2	- Examples on the Tradeoff between Marketing and Logistics (Figure)
3	- Solving problems on the Strategic Profit Model
	- strategy of increasing sales
…….	- strategy of decreasing current assets
……	…………………………………………………………………………………
……	…………………………………………………………………………………
……	…………………………………………………………………………………
……	…………………………………………………………………………………
……	…………………………………………………………………………………
……	…………………………………………………………………………………
……	…………………………………………………………………………………
……	…………………………………………………………………………………
……	…………………………………………………………………………………
……	…………………………………………………………………………………
……	…………………………………………………………………………………

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

Lecture

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

MPC 3/3-1

College/Institute/Centre: Management and Technology
Department of: Accounting and Finance

SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 3	Title: Logistics Customer Service	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Discussing Customer Service definition
2	Examples on the customer Service elements
3	Examples on the Order Cycle Time components (Figure)
4	Examples on the importance of Logistics Customer Service
5	Modeling the Sales-Service Relationship
…….	………………………………………………………………………………………………………
…….	………………………………………………………………………………………………………
…….	………………………………………………………………………………………………………
…….	……………………………………………………………………………………………………
…….	………………………………………………………………………………………………………
…….	………………………………………………………………………………………………………
…….	………………………………………………………………………………………………………
…….	………………………………………………………………………………………………………
…….	………………………………………………………………………………………………………
…….	………………………………………………………………………………………………………

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

<u>Lecture</u>

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

MPC 3/3-1

College/Institute/Centre: Management and Technology

SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop
(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 4	Title: Order Processing and the Information System	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Discussing the definition of order Processing
2	Examples on the elements of Order Processing (Figure)
3	Order Processing Examples
4	Examples on the Logistics Information System (Figure)
5	Case: Information System for a Large Merchandise Retailer
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

Lecture

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

MPC 3/3-1

SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop

(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 5	Title: Forecasting	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Forecasting example
2	Exponential smoothing technique example
3	Moving Range control chart example
……..	………………………………………………………………………………………………
…….	………………………………………………………………………………………………
…….	………………………………………………………………………………………………
…….	………………………………………………………………………………………………
…….	………………………………………………………………………………………………
…….	………………………………………………………………………………………………
…….	………………………………………………………………………………………………
…….	………………………………………………………………………………………………
…….	………………………………………………………………………………………………
…….	………………………………………………………………………………………………
…….	………………………………………………………………………………………………

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

Lecture

Source Material

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

MPC 3/3-1

SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop

(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 6	Title: Inventory Management	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Application on the appraisal of Inventories - Reasons for Inventories - Improve Customer Service - Reduce Costs - Reasons Against Inventories
2	Examples on the various types of Inventories
....	....
....	....
....	....
....	....
....	....
....	....
....	....
....	....

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

Lecture

Source Material

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

Supplementary Material

Educational Resources

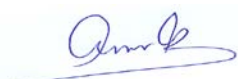**Tutorial / laboratory / Workshop (Delete as required)**

SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop
(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 7	Title: 7th week exam	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
…….	Solving the 7th week exam as model answer
…….	……………………………………………………………………………………………………
…….	……………………………………………………………………………………………………
…….	……………………………………………………………………………………………………
…….	……………………………………………………………………………………………………
…….	……………………………………………………………………………………………………
…….	……………………………………………………………………………………………………
…….	……………………………………………………………………………………………………
…….	……………………………………………………………………………………………………
…….	……………………………………………………………………………………………………
…….	……………………………………………………………………………………………………
…….	……………………………………………………………………………………………………
…….	……………………………………………………………………………………………………

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

Lecture

Source Material

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

MPC 3/3-1

SESSION PLAN

Lecture / <u>Tutorial</u> / Laboratory / Workshop
(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 8	Title: Inventory Management (continued) / Transportation	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Numerical example on the instantaneous Resupply model
2	Numerical example on the noninstantaneous Resupply model
3	Examples on the physical Transportation System
4	Examples on the scope of transportation System
5	Examples on the service choices and performance characteristics
	……………………………………………………………………………………………
…….	……………………………………………………………………………………………
…….	……………………………………………………………………………………………
…….	……………………………………………………………………………………………
…….	……………………………………………………………………………………………
…….	……………………………………………………………………………………………
…….	……………………………………………………………………………………………
…….	……………………………………………………………………………………………
…….	……………………………………………………………………………………………
…….	……………………………………………………………………………………………
…….	……………………………………………………………………………………………

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

<u>Lecture</u>

Source Material

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop
(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 9	Title: Transportation	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Numerical example on the Linear Programming transportation problems
…….	…………………………………………………………………………………………………
…….	…………………………………………………………………………………………………
…….	…………………………………………………………………………………………………
…….	…………………………………………………………………………………………………
…….	…………………………………………………………………………………………………
…….	…………………………………………………………………………………………………
…….	…………………………………………………………………………………………………
…….	…………………………………………………………………………………………………
…….	…………………………………………………………………………………………………
…….	…………………………………………………………………………………………………
…….	…………………………………………………………………………………………………
…….	…………………………………………………………………………………………………
…….	…………………………………………………………………………………………………

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

Lecture

Source Material

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

College/Institute/Centre: Management and Technology
Department of: Accounting and Finance

SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop
(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 10	Title: Warehousing and Materials Handling system	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Discussing the need for a storage system
2	Discussing the reasons for storage
3	Application on the Storage system functions
…….	…………………………………………………………………………………………
……	…………………………………………………………………………………………
……	…………………………………………………………………………………………
……	………………………………………………………………………………………
……	…………………………………………………………………………………………
……	…………………………………………………………………………………………
……	…………………………………………………………………………………………
……	…………………………………………………………………………………………
……	…………………………………………………………………………………………
……	…………………………………………………………………………………………

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

Lecture

Source Material

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

MPC 3/3-1

SESSION PLAN

Lecture / <u>Tutorial</u> / Laboratory / Workshop
(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 11	Title: Warehousing (continued) / Materials Handling	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Application on the storage alternatives
2	Examples on storage system costs and rates
3	Application on Materials Handling Functions
4	Application on Materials Handling considerations
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………
…….	…………………………………………………………………………………………

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

<u>**Lecture**</u>

Source Material

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

MPC 3/3-1

SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop
(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 12	Title: 12th week exam / Purchasing	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Solving the 12th week exam as model answer
2	Example on the leverage principle
3	Examples on the Return on Assets before and after purchase price reduction
	Discussing different approaches to Order Quantities and Timing
…….	
…….	
…….	
……	……………………………………………………………………………………………
……	……………………………………………………………………………………………
……	……………………………………………………………………………………………
……	……………………………………………………………………………………………
……	……………………………………………………………………………………………
……	……………………………………………………………………………………………
…….	……………………………………………………………………………………………
…….	……………………………………………………………………………………………

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

Lecture

Source Material

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop
(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 13	Title: Purchasing (continued)	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Discussing different approaches to Order Quantities and Timing
2	Application on FOB
…….	…………………………………………………………………………………………………
……	…………………………………………………………………………………………………
……	…………………………………………………………………………………………………
……	…………………………………………………………………………………………………
……	…………………………………………………………………………………………………
……	…………………………………………………………………………………………………
……	…………………………………………………………………………………………………
……	…………………………………………………………………………………………………
……	…………………………………………………………………………………………………
……	…………………………………………………………………………………………………
…….	…………………………………………………………………………………………………

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

Lecture

Source Material

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

MPC 3/3-1

College/Institute/Centre: Management and Technology
Department of: Accounting and Finance

SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop
(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 14	Title: Production Scheduling	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*

#	Outcome Description
1	Discussing Just-in-time supply scheduling
2	Example: Toyota's Kan-Ban system
…….	……
……	……
……	……
……	……
……	……
……	……
……	……
……	……
……	……
……	……
……	……
……	……
……	……

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

Lecture

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

MPC 3/3-1

SESSION PLAN

Lecture / Tutorial / Laboratory / Workshop
(* DELETE AS APPROPRIATE)

COURSE PARTICULARS	
EA322	Title: Materials and Logistics Management

SESSION PARTICULARS		
#: 15	Title: Materials Requirements Planning	Hrs: 2

LEARNING OUTCOMES / ABILITIES GAINED*	
#	Outcome Description
1	Examples on the Materials Requirements Planning (MRP)
…….	……
…….	……
…….	……
…….	………………………………………………………………………………………………………
…….	……
…….	……
…….	……
…….	……
…….	……
…….	……
…….	……

Prepared by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

Approved by:

Designation

Name   Dr. Amr Abd El Aziz

Sign

Date   1/9/2010

MPC3/3-1

Lecture

Source Material

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

Supplementary Material

Educational Resources

Tutorial / laboratory / Workshop (Delete as required)

MPC 3/3-1