

### **S**ESSION 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

Date

1/9/2010

Approved by:

Designation

Name

Dr. Amr Abd El Aziz

Sign

Date

1/9/2010

Date

1/9/2010

MPC3/3-1

**Lecture** 

Source Material
J. Stock and D. Lambert, <b>Strategic Logistics Management</b> , 4 <sup>th</sup> Ed., McGraw-Hill/Irwin, 2001
O
Supplementary Material
Educational Resources
Tutorial / laboratory / Warkahan / Dalata as required)
Tutorial / laboratory / Workshop (Delete as required)



### 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: Approved by:

Designation Designation

Name Dr. Amr Abd El Aziz Name Dr. Amr Abd El Aziz

Sign Sign Sign

Date 1/9/2010 Date 1/9/2010

1 of 2

MPC3/3-1

#### **Lecture**

#### **Source Material**

Supplementary Material	
Educational Resources	
Tutorial / laboratory / Workshop (Delete as required)	

Tutorial / laboratory / Workshop (Delete as required)

2 of 2

MPC 3/3-1



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

# **SESSION PLAN**

Lecture / <u>Tutorial</u> / Laboratory / Workshop

### (\* DELETE AS APPROPRIATE)

	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: Approved by:

Designation Designation

Name Dr. Amr Abd El Aziz Name Dr. Amr Abd El Aziz

Sign Sign

Date 1/9/2010 Date 1/9/2010

1 of 2

<u>Lecture</u>
Source Material J. Stock and D. Lambert, Strategic Logistics Management, 4 <sup>th</sup> Ed., McGraw-Hill/Irwin, 2001
Supplementary Material
Educational Resources
Tutorial / laboratory / Workshop (Delete as required)



### **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: Approved by:

Designation Designation

Name Dr. Amr Abd El Aziz Name Dr. Amr Abd El Aziz

Sign Sign Qmb

Date 1/9/2010 Date 1/9/2010

1 of 2

MPC3/3-1

#### **Lecture**

#### **Source Material**

Supplementary Material			
E leasting I Barrens			
Educational Resources			
Tutorial / laboratory / Works	hop (Delete as required	(k	



## **S**ESSION PLAN

## Lecture / Tutorial / Laboratory / Workshop

Course Particulars

(\* DELETE AS APPROPRIATE)

EA322	Title: Materials and Logistics Management				
	SE	SSION PARTIC	CULARS		
#: 5	Title: Forecasting		Hrs: 2		
	LEARNING O	UTCOMES / AI	BILITIES GAINED*		
#		Outcome D			
1	Forecasting example		,		
2	Exponential smoothing techni	que example			
3	Moving Range control chart e	xample			
		• • • • • • • • • • • • • • • • • • • •			
Pre	pared by:	Approve	ed by:		
Des	signation	Designat	ion		
Nar	me Dr. Amr Abd El Aziz	Name	Dr. Amr Abd El Aziz		
Sig	n amb	Sign	am &		

Date

1 of 2

1/9/2010

MPC3/3-1

Date

1/9/2010

Source Material J. Stock and D. Lambert, Strategic Logistics Management, 4 <sup>th</sup> Ed., McGraw-Hill/Irwin, 2001
3. Stock and D. Lambert, Strategic Logistics Wanagement, 4 Ed., Weoraw-Tim/II will, 2001
Supplementary Material
Educational Resources
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)



### **S**ESSION 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:	Approved by:

Designation Designation

Name Dr. Amr Abd El Aziz Name Dr. Amr Abd El Aziz

Sign Sign

Date 1/9/2010 Date 1/9/2010

1 of 2

	_	_	•	
•	$\boldsymbol{\alpha}$	~	tı	r۵
	_			

O
Source Material
J. Stock and D. Lambert, <b>Strategic Logistics Management</b> , 4 <sup>th</sup> Ed., McGraw-Hill/Irwin, 2001
Supplementary Material
Educational Resources
Tutorial / laboratory / Workshop (Delete as required)
Tutoriai / laboratory / Workshop (Delete as required)



### **SESSION PLAN**

# **Lecture / Tutorial / Laboratory / Workshop**

(\* DELETE AS APPROPRIATE)

		COUR	RSE PARTIC	ULARS		
EA322		Title: Material	s and Logist	ics Management		
Session Particulars						
#: 7	7 Title: 7 <sup>th</sup> week exam			Hrs: 2		
		EARNING OUT	COMES / AE	BILITIES GAINED*		
#			Outcome D		-	
	Solving the 7 <sup>th</sup> we	ek exam as mo	odel answer			
Prepared by: Approved by:						
Designation		Designati	ion			
Nan	Name Dr. Amr Abd El Aziz		Name	Dr. Amr Abd El Aziz		
Sigr	Qm	Q >	Sign	am &		
Date	Date 1/9/2010 Date 1/9/2010					

1 of 2

<u>Lecture</u>		
Source Material		

J. Stock and D. Lambert, <b>Strategic Logistics Management</b> , 4 <sup>th</sup> Ed., McGraw-Hill/Irwin, 2001
Supplementary Material
Supplementary material
Educational Resources
Testa vial / lab anatamy / Wankalsan / Dalata aa na vesina d
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)



## **S**ESSION PLAN

### **Lecture / Tutorial / Laboratory / Workshop**

(\* DELETE AS APPROPRIATE)

( = ===================================	··· · · · = <b>/</b>	
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:	Approved by:	
Designatio	n	Designation	on
Name	Dr. Amr Abd El Aziz	Name	Dr. Amr Abd El Aziz
Sign	Qm &	Sign	Qm &
Date	1/9/2010	Date	1/9/2010

1 of 2

MPC3/3-1

Lecture

O
Source Material
J. Stock and D. Lambert, <b>Strategic Logistics Management</b> , 4 <sup>th</sup> Ed., McGraw-Hill/Irwin, 2001
Supplementary Material
Educational Resources
Tutorial / laboratory / Workshop (Delete as required)
Tutoriai / laboratory / Workshop (Delete as required)



# **SESSION PLAN**

## Lecture / Tutorial / Laboratory / Workshop

Course Particulars

(\* DELETE AS APPROPRIATE)

EA322	2 Title: Materials a			ics Managem	ent	
·						
		Sess	SION PARTIC	ULARS		
#: 9	Title: Transport			Hrs: 2		
LEARNING OUTCOMES / ABILITIES GAINED*						
#						
1	Numerical example on the Linear Programming transportation problems			ation problems		
			•••••			
Propaged by:						
		• •	Approved by:			
Des	ignation		Designati	ion		
Nar	ne Dr. Amr Ab	d El Aziz	Name	Dr. Amr Abo	d El Aziz	
Sign	- Qm	<u>4</u>	Sign	Gm		
Date	e 1/9/2010		Date	1/9/2010		

1 of 2

<u>Lecture</u>
Source Material J. Stock and D. Lambert, Strategic Logistics Management, 4 <sup>th</sup> Ed., McGraw-Hill/Irwin, 2001
Supplementary Material
Educational Resources
Tutorial / laboratory / Workshop (Delete as required)



#### Lecture / Tutorial / Laboratory / Workshop

(\* DELETE AS APPROPRIATE)

( DEELIE NO / II I NOI I	(I) (I) (I)	
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: Approved by:

Designation Designation

Name Dr. Amr Abd El Aziz Name Dr. Amr Abd El Aziz

Sign

Date 1/9/2010 Date 1/9/2010

1 of 2

Sign

MPC3/3-1

#### **Lecture**

#### **Source Material**

Supplementary Material	
Educational Resources	ļ
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	
#: 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:		Approved by:	
Designation		Designation	
Name	Dr. Amr Abd El Aziz	Name	Dr. Amr Abd El Aziz
Sign	Qm &	Sign	Qmb
Date	1/9/2010	Date	1/9/2010

1 of 2

Lecture

J. Stock and D. Lambert, <b>Strategic Logistics Management</b> , 4 <sup>th</sup> Ed., McGraw-Hill/Irwin, 2001
Supplementary Material
Supplementary material
Educational Resources
Testa vial / lab anatamy / Wankalsan / Dalata aa na vesina d
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)



# **SESSION PLAN**

## **Lecture / Tutorial / Laboratory / Workshop**

(\* DELETE AS APPROPRIATE)

	Course Particulars
EA322	Title: Materials and Logistics Management

	Session Particulars	
#: 12	Title: 12 <sup>th</sup> week exam / Purchasing	Hrs: 2

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

Prepare	d by:	Approve	ed by:
Designa	tion	Designa	tion
Name	Dr. Amr Abd El Aziz	Name	Dr. Amr Abd El Aziz
Sign	am &	Sign	Qml
Date	1/9/2010	Date	1/9/2010

1 of 2

Lecture	L	е	C	tı	u	r	е
---------	---	---	---	----	---	---	---

Source Material J. Stock and D. Lambert, Strategic Logistics Management, 4 <sup>th</sup> Ed., McGraw-Hill/Irwin, 2001
3. Stock and D. Lambert, Strategic Logistics Wanagement, 4 Ed., Weoraw-Tim/II will, 2001
Supplementary Material
Educational Resources
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / Workshop (Delete as required)



# **SESSION PLAN**

## Lecture / Tutorial / Laboratory / Workshop

(\* DELETE AS APPROPRIATE)

			Cou	RSE PARTIC	CULARS	
EA322			Title: Materia	ls and Logis	tics Managemen	t
		,				
			Sess	SION PARTIC	CULARS	
#: 13	Т	itle: Purchasin	g (continued)		Н	rs: 2
		L	EARNING OUT		BILITIES GAINED	)*
1 2		cussing differe lication on FO		Outcome Es to Order Qu	Description uantities and Tim	ing
 	  epare	d by:		Approve	ad by:	
	signat	-		Designa	-	
Nar	•	Dr. Amr Abo	d El Aziz	Name	Dr. Amr Abd E	l Aziz
Sig	n	Qm	De s	Sign	amb	
Dat	e	1/9/2010		Date	1/9/2010	
				1 of 2		

<u>Lecture</u>		
Source Material		

J. Stock and D. Lambert, <b>Strategic Logistics Management</b> , 4 <sup>th</sup> Ed., McGraw-Hill/Irwin, 2001
Supplementary Material
and the same of th
Educational Resources
Tutorial / laboratory / Workshop / Dalata as required)
Tutorial / laboratory / Workshop (Delete as required)



#### Lecture / Tutorial / Laboratory / Workshop

(\* DELETE AS APPROPRIATE)

\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	(1)(12)
	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: Approved by:

Designation Designation

Name Dr. Amr Abd El Aziz Name Dr. Amr Abd El Aziz

Sign ()

Date 1/9/2010 Date 1/9/2010

1 of 2

Sign

MPC3/3-1

#### **Lecture**

#### **Source Material**

Supplementary Material			
E leasting I Barrens			
Educational Resources			
Tutorial / laboratory / Works	hop (Delete as required	(k	



# **S**ESSION PLAN

### Lecture / Tutorial / Laboratory / Workshop

(\* DELETE AS APPROPRIATE)

( DELE	IE AS APPROP	'RIATE)			
		Со	URSE PARTIC	CULARS	
EA322		Title: Materi	als and Logis	tics Management	
		Ses	SSION PARTIC	CULARS	
#: 15	Title: Material	s Requirement	ts Planning	Hrs: 2	
	•		/ ^	<u> </u>	
#		LEARNING OL		BILITIES GAINED*	
#			Outcome D	rescription	
1	Examples on the	e Materials Re	quirements Pl	anning (MRP)	
					•••
•••••					
Pre	pared by:		Approve	ed by:	
Des	signation		Designa	tion	
Nar	ne Dr. Amr A	bd El Aziz	Name	Dr. Amr Abd El Aziz	
Sigi	Qn	-6	Sign	- amb	
Dat	e 1/9/2010		Date	1/9/2010	
			1 of 2		
				MPC3/3-1	

<u>Lecture</u>

**Source Material** 

J. Stock and D. Lambert, <b>Strategic Logistics Management</b> , 4 <sup>th</sup> Ed., McGraw-Hill/Irwin, 2001
Supplementary Material
Supplementary material
Educational Resources
Testa vial / lab anatamy / Wankalsan / Dalata aa na vesina d
Tutorial / laboratory / Workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutorial / laboratory / workshop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)
Tutoriai / laboratory / worksnop (Delete as required)