



Future Academy
Higher Future Institute for Specialized Technological Studies

Course Specification

1- Course information:

Course Code:	310
Course Title:	Logistics supply chain
Year/level	2 nd
Academic Programs	Business Administration
Contact hours/ week	3 Hours

2- Course aims:

This course aims to provide students with a comprehensive introduction to logistics management, focusing on the integration of administrative functions to achieve organizational objectives. The course aims to equip students with the knowledge and skills needed to make informed decisions related to logistics, including supply chain management, planning and operations, and financial distribution. By the end of the course, students will be able to analyze the importance of logistics in achieving organizational objectives, evaluate the role of supply chain management in improving organizational efficiency, and develop skills in planning and operating logistics activities. Additionally, students will learn how to make informed decisions related to financial distribution and improve customer satisfaction through optimized logistics operations.

3- Intended learning outcomes of the course (ILOs):

a- Knowledge and understanding:

On successful completion of this course, the student should be able to:

- a1- Analyze the importance of logistics in achieving organizational objectives
- a2- Evaluate the role of supply chain management in improving organizational efficiency
- a3- Develop skills in planning and operating logistics activities
- a4- Understand the impact of globalization on logistics management
- a5- Identify the importance of logistics in customer satisfaction

b- Intellectual skills:

On completing this course, the student should be able to:

- b1- Think critically about logistics management strategies
- b2- Evaluate the impact of different logistics strategies on organizational performance
- b3- Analyze the role of technology in logistics management
- b4- Evaluate the effectiveness of logistics management systems

c- Professional and practical skills:

At the end of this course, the student will be able to:

- c1- Apply theoretical concepts to real-world logistics scenarios
- c2- Develop skills in planning, organizing, and controlling logistics operations
- c3- Analyze the impact of logistics on supply chain management
- c4- Plan and manage logistics operations effectively

d- General and transferable skills:

On successful completion of this course, the student should be able to:

- d1- Communicate effectively in logistics management
- d2- Work collaboratively with stakeholders in logistics management
- d3- Adapt to changing logistics environments
- d4- Apply logical thinking to solve problems in logistics management

4- Course contents

Topics/units	Number of hours		ILO's
	Lecture hours	Practical hours	
Understanding the Supply Chain	3hrs	2hrs	a1,a2,a3,b1,b2,c1,d1
Supply Chain Performance Achieving Strategic Fit and Scope	3hrs	2hrs	a1,a2,a3,b1,b2,c1,d1
Supply Chain Drivers and Metrics	3hrs	2hrs	a1,a2,a3,b1,b2,c1,d1
Designing Distribution Networks and Applications to Online Sales	3hrs	2hrs	a1,a2,a3,b1,b2,c1,d1
Quiz 1	3hrs	2hrs	a1,a2,b1,b3

Apply the importance of logistics	3hrs	2hrs	a2,a,a3,b1,b2,b3,c1,c2
Mid term Exam	3hrs	2hrs	a1,a2,a3,b1,b2,b3
Evaluate the role of supply chain management in improving organizational efficiency	3hrs	2hrs	a2,a3,a4,b1,b2,b3,c1,c2,d1,d2,d4
Understand the impact of globalization on logistics management	3hrs	2hrs	a3,a4,b1,b2,b4,c3 ,d1,d4
Quiz 2	3hrs	2hrs	a1,a2,a5,b1,b4
Analyze the impact of logistics on supply chain management	3hrs	2hrs	a1,a3,b1,b2,b3,c1,c3,d2
-Apply decisions related to financial distribution and improve customer satisfaction through optimized logistics operations.	3hrs	2hrs	a1,a5,b1,b2,b4,c1,d1,d2,d3
Final revision	3hrs	2hrs	a1, a2,a5, b1, b2,b4

5- Teaching and learning methods

Methods	ILO's																		
	a1	a2	a3	a4	a5	b1	b2	b3	b4	c1	c2	c3	c4	c5	d1	d2	d3	d4	
Lectures	√	√				√				√					√				
Practical sections	√	√				√	√				√	√							
Self-learning	√	√				√				√									

Assays and reviews										√	√			√	√			
Discussion groups	√	√												√	√	√	√	√
Problem-solving																		√
E-learning																		
Blended learning																		

6- Teaching and learning methods for Low-achieving students

- Extra teaching hours for those who need help
- More quizzes to assess their ability for understanding the course
- Encourage the team work for those students with other advanced ones to increase their participation and understanding

7- Student assessment

Assessment method	Time	Grade weight (%)	Week	ILOs
Course Work (Tutorial Exercise and Assignments)		10	Every week	a1, a2, b1, c2, d1, d2, d3
Quiz 1	1	10	Week#4	a1,a2,b1,b3
Mid-term exam	1	20	Week#7	a1,a2,a3,b1,b2,b3
Quiz 2	1	10	Week#11	a1,a2,a5,b1,b4
Final Written exam	2	50	----	a1, a2,a5, b1, b2,b4

8-List of references

8.1. Student notebooks:

Presentations and note books

8.2. Essential textbooks:

Chopra, S., Meindl, P. (2012). Supply Chain Management: Strategy, Planning, and Operation. Germany: Pearson.

Handfield, R. B., Nichols, E. L. (1999). Introduction to Supply Chain Management. United Kingdom: Prentice Hall.

8.3. Recommended textbooks:

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8.4. Journals, Periodical and Reportsetc.

Journal of Logistics, Informatics and Service Science

8.5. Websites

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Course Coordinator: Radwa Radwan

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