Course Specification
(Postgraduate)

Course Title:	LOGISTICS SYSTEMS MANAGEMENT
Course Code:	SCM 512
Program:	EXECUTIVE MASTER IN SUPPLY CHAIN MANAGEMENT
Department:	MANAGEMENT
College:	COLLEGE OF BUSINESS
Institution:	AL YAMAMAH UNIVERSITY
Version:	1
Last Revision Date:	18/03/2025

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A. General information about the course:

1. Course Identification:

1. Credit hours: 3				
(3, 0, 0)				
2. Course type				
A.	☒ University	☐College	☐Department	☐Track
B.	☒ Required		☐ Elective	
3. Level/year at which this course is offered: (Level 1 / 1st year)				
4. Course general Description:				
This course is designed to study the most up-to-date topics, including the challenges of coordinating manufacturing and retail processes, leveraging logistics operations, and future challenges in logistics. A focus is on learning in line with the globalization of logistics and real-life logistics management issues.				
5. Pre-requirements for this course (if any)**:**				
Not Applicable				
6. Pre-requirements for this course (if any)**:**				
Not Applicable				
7. Course Main Objective(s):				
1. Identify key supply chain logistics terms and requirements. 2. Understand measure logistics effectiveness and understand its impact. 3. Describe the phases of logistic network design and the challenges involved. 4. Role of logistics management in the production and supply phases. 5. Study strategies for logistics in utilization, and sustaining support, in structuring and analyzing practical logistic management issues.				

2. Teaching Mode: (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	3 hrs. per week	75%
2	Distance-Learning	0 hrs. per week	0%
3	E-learning	1 hrs. per week	25%

3. Contact Hours: (based on the academic semester)

No	Activity	Contact Hours
1.	Lectures	3
2.	Group Case studies	1
3.	Field assignments	0
4.	Others (Seminars)	1
	Total (per week)	5

B. Course Learning Outcomes (CLOs), Teaching Strategies and Assessment Methods:

Code	Course Learning Outcomes	Code of CLOs aligned with program	Teaching Strategies	Assessment Methods
1.0	**Knowledge and understanding**			
1.1	Acquire knowledge related to components of supply chain logistics terms and requirements	CLO1 Knowledge and understanding (K1)	Student-Centric: Discussion, Analysis, Abstraction, and Seminars	Mid-terms, Quizzes, Presentations and Final exam
2.0	**Skills**			
2.1	Apply supply chains logistics measures and effectiveness to influence the organization performance	CLO2 Cognitive Skill (S1)	Student-Centric: Discussion, Analysis, Abstraction, and Seminars	Mid-terms, Quizzes, Presentations and Final exam
2.2	Assess role of leveraging logistics operations in the integrated supply chain	CLO3 Cognitive Skill (S2)	Student-Centric: Discussion, Analysis, Abstraction, and Seminars	Presentations and Group-work Project
3.0	**Values, autonomy, and responsibility**			
3.1	Demonstrate values in structuring and analyzing practical logistic management issues in supply chain	CLO4 Values and Ethics (V1)	Student-Centric: Discussion, Analysis, Abstraction, and Seminars	Presentations and Group-work Project

C. Course Content:

No	List of Topics	Contact Hours
1	Topic 1: Introduction to logistics systems in supply chains	03
2	Topic 2: Strategic role of logistics hubs within global trade networks	09
3	Topic 3: Site selection and infrastructure requirements for logistics hubs.	06
4	Topic 4: The role of intermodal hubs in trade facilitation	09
5	Topic 5: Transportation and logistics network optimization	09

6	Topic 6: Case studies: Logistics zones master plan and logistics operations within the KSA.	09
Total		**45**

D. Students Assessment Activities:

No	Assessment Activities *	Assessment timing (in week no)	Percentage of Total Assessment Score
1.	Quizzes	Every week	20%
2.	Mid-terms	7th Week	20%
3.	Presentations/Group work/Case studies	13th Week onwards	20%
4.	Final exam	15th week	40%

*Assessment Activities (i.e., Written test, oral test, oral presentation, group project, essay, etc.)

E. Learning Resources and Facilities:

1. References and Learning Resources:

Essential References	Pearson Logistics Management and Strategy: Competing through the Supply Chain 2019 by Alan Harrison, Heather Skipworth, James Aitken, Remko Van Hoek https://www.pearson.com/en-us/subject-catalog/p/logistics-management-and-strategy-competing-through-the-supply-chain/P200000004408/9781292183725
Supportive References	The Handbook of Logistics and Distribution Management: Understanding the Supply Chain 2022 by Alan Rushton, Phil Croucher, Dr Peter Baker https://www.koganpage.com/logistics-supplychain-operations/the-handbook-of-logistics-and-distribution-management-9781398602045
Electronic Materials	• "Management of Environmental Issues in Logistics: Current Status and Future Potential." Transportation Journal, vol. 34, no. 1, 1994, pp. 48–56. JSTOR, http://www.jstor.org/stable/20713224 • "Special issue on logistics: new perspectives and challenges." Omega, vol. 36, no. 4, Aug. 2008, pp. 505+
Other Learning Materials	• https://onlinelibrary.wiley.com/journal/21581592

2. Educational and Research Facilities and Equipment Required:

Items	Resources
Facilities (Classrooms, laboratories, exhibition rooms, simulation rooms, etc.)	Classrooms
Technology equipment (Projector, smart board, software)	Projector, smart board, software

Items	Resources
Other equipment (Depending on the nature of the specialty)	To be requested as per need

F. Assessment of Course Quality:

Assessment Areas/Issues	Assessor	Assessment Methods
Effectiveness of teaching	Students	Indirect method (Course evaluation survey)
Effectiveness of students assessment	Program Leaders, Peer Reviewer	Direct and Indirect method (Course results and survey)
Quality of learning resources	Faculty and Students	Indirect method (Resources evaluation survey)
The extent to which CLOs have been achieved	Faculty and Students	Direct method (Course results) Indirect method(Course evaluation survey)
Other		

Assessor (Students, Faculty, Program Leaders, Peer Reviewer, Others (specify)

Assessment Methods (Direct, Indirect)

G. Specification Approval Data:

COUNCIL /COMMITTEE	
REFERENCE NO.	
DATE	