



# Course Specification

— (Postgraduate)

**Course Title:** SUPPLY CHAIN RISK MANAGEMENT

**Course Code:** SCM 541

**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:

<b>1. Credit hours: 3</b>			
(3, 0, 0)			
<b>2. Course type</b>			
A.	<input checked="" type="checkbox"/> University	<input type="checkbox"/> College	<input type="checkbox"/> Department <input type="checkbox"/> Track
B.	<input checked="" type="checkbox"/> Required		<input type="checkbox"/> Elective
<b>3. Level/year at which this course is offered: ( Level 4/2nd year)</b>			
<b>4. Course general Description:</b>			
Supply Chain Risk Management serves as a vital tool for organizations seeking to reduce risk and enhance the resilience of their supply chains. This course aims to effectively manage risk within the supply chain. This course integrates theoretical and practical learning to enhance understanding of risk, focusing on the identification and assessment of risks, as well as the development and implementation of mitigation strategies.			
<b>5. Pre-requirements for this course (if any):</b>			
SCM 531 (Supply Chain Performance Management)			
<b>6. Pre-requirements for this course (if any):</b>			
Not Applicable			
<b>7. Course Main Objective(s):</b>			
<ol style="list-style-type: none"> <li>1. Understand importance of risk management framework and implementation.</li> <li>2. Recognizing the key roles associated with risk management for each stage.</li> <li>3. Assess the risk analysis at various stages of the supply.</li> <li>4. Risk management strategies implementation for the supply chain.</li> </ol>			

### 2. Teaching Mode: (mark all that apply)

No	Mode of Instruction	Contact Hours	Percentage
1	Traditional classroom	1 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
<b>1.0</b>	<b>Knowledge and understanding</b>			
1.1	Acquire advance knowledge to Understand importance of risk management framework and implementation	CLO1 Knowledge and understanding (K2)	Student-Centric: Discussion, Analysis, Abstraction, and Seminars	Mid-terms, Quizzes, Presentations and Final exam
<b>2.0</b>	<b>Skills</b>			
2.1	Enhance skills to recognize key roles associated with risk management for each stage in the supply chain	CLO2 Cognitive Skill (S1)	Student-Centric: Discussion, Analysis, Abstraction, and Seminars	Mid-terms, Quizzes, Presentations and Final exam
2.2	Critically assess the risk analysis at various stages of the supply chain	CLO3 Cognitive Skill (S2)	Student-Centric: Discussion, Analysis, Abstraction, and Seminars	Presentations and Group-work Project
<b>3.0</b>	<b>Values, autonomy, and responsibility</b>			
3.1	Effectively plan the impact of applying each type of risk management strategies to key areas within the 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: Supply chain risk and vulnerability	03
2	Topic 2: Risk classification in supply chain operation	06
3	Topic 3: Risks in outsourcing and insourcing	06





4	Topic 4: Developing risk management framework	09
5	Topic 5: Supply chain financial risks management and mitigation	12
6	Topic 6: Case studies: managing risks in supply chains within the KSA	09
<b>Total</b>		<b>45</b>

## 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:

<b>Essential References</b>	Supply Chain Risk Management: Understanding Emerging Threats to Global Supply Chains - Manners-Bell, John ISBN 10: 0749480157 ISBN 13: 9780749480158 Publisher: Kogan
<b>Supportive References</b>	Supply Chain Risk Management: How to Design and Manage Resilient Supply Chains By John Manners-Bell Edition: 4 Published: 03 Nov 2023 <a href="https://www.koganpage.com/logistics-supplychain-operations/supply-chain-risk-management-9781398613218">https://www.koganpage.com/logistics-supplychain-operations/supply-chain-risk-management-9781398613218</a> Handbook of Integrated Risk Management in Global Supply Chains Panos Kouvelis, Lingxiu Dong, Onur Boyabatli, Rong Li ISBN: 978-1-118-11579-4 <a href="https://www.wiley.com/en-us/Handbook+of+Integrated+Risk+Management+in+Global+Supply+Chains-p-9781118115794">https://www.wiley.com/en-us/Handbook+of+Integrated+Risk+Management+in+Global+Supply+Chains-p-9781118115794</a>
<b>Electronic Materials</b>	1. <a href="https://dsl.mit.edu/biblio/designing-response-supply-chain-against-bioattacks/">https://dsl.mit.edu/biblio/designing-response-supply-chain-against-bioattacks/</a> . 2. <a href="https://dsl.mit.edu/biblio/disruption-risk-mitigation-supply-chains-risk-exposure-index-revisited/">https://dsl.mit.edu/biblio/disruption-risk-mitigation-supply-chains-risk-exposure-index-revisited/</a> 3. <a href="https://dsl.mit.edu/biblio/identifying-risks-and-mitigating-disruptions-automotive-supply-chain/">https://dsl.mit.edu/biblio/identifying-risks-and-mitigating-disruptions-automotive-supply-chain/</a> 4. <a href="https://link.springer.com/article/10.1007/s10479-023-05604-y">https://link.springer.com/article/10.1007/s10479-023-05604-y</a>
<b>Other Learning Materials</b>	<a href="https://www.ibm.com/think/topics/supply-chain-risk-management">https://www.ibm.com/think/topics/supply-chain-risk-management</a>

### 2. Educational and Research Facilities and Equipment Required:

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





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

#### F. Assessment of Course Quality:

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

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

**Assessment Methods** (Direct, Indirect)

#### G. Specification Approval Data:

<b>COUNCIL /COMMITTEE</b>	
<b>REFERENCE NO.</b>	
<b>DATE</b>	

