



**Kuwait University**  
**College of Business Administration**  
**Quantitative Methods and Information**  
**Systems Department**



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**Course Syllabus**

**Dr. Fahad Almutairi**

**ISOM 316 – Logistics and Supply Chain Management**

**Lecture Time and Location:**

**QMIS 316 / 01A** : Sun Tue Thu    9:00 AM – 9:50 AM    Room C2 1020

**Contact Information:**

**Location** : ISOM Department – 2<sup>nd</sup> Floor – Office No. A2 1026

**Email** : fahad.almutairi@ku.edu.kw

**Office** : 24988684

**Office Hours** : Sun Tue    10:00 AM – 11:00 AM or by email appointment

**Course Description:**

An integrated approach of supply-chain, logistics, material requirement planning, just-in-time systems, material flow systems, purchasing and suppliers strategy, warehousing management, transportation and distribution systems, inventory planning and control, and e-business in supply chain management.

**Course Learning Outcomes:**

Upon successful completion of the course, students will be able to:

1. Explain the major goals of logistics and supply chain management and the impact of supply chain decisions on the success of a firm.
2. Identify the major challenges in managing a supply chain.
3. Use mathematical models in solving related logistics and supply chain problems.
4. Discuss the different approaches for achieving coordination in a supply chain.

**Required Material:**

**Textbook** : Supply Chain management: Strategy, planning, and Operations, by Sunil Chopra and Peter Meindl, Pearson Prentice Hall

**E-Learning System** : Blackboard Learning Management System

**Course Website** : <https://moodle.ku.edu.kw/>

**Course Requirements and Policies:**

**In-Class Tests:** There are total 2 in-class tests.



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**Attendance and Participation:** Every student in this course must abide by the Kuwait University Policy on Attendance (published in the Student Guide, Chapter 3, Section 13). A copy of the student guide can be accessed online on:

[http://www.kuniv.edu/cs/groups/ku/documents/ku\\_content/kuw055940.pdf](http://www.kuniv.edu/cs/groups/ku/documents/ku_content/kuw055940.pdf)

This course has a significant seminar component and class participation is critical to the learning experience. Participation will be assessed in each class period. Your class participation and attendance will both contribute to your score of in-class performance.

**Cheating and Plagiarism:** Every student in this course must abide by the Kuwait University Policy on Cheating and Plagiarism (published in the Student Guide, Chapter 3, Section 2). A copy of the student guide can be accessed online on:

[http://www.kuniv.edu/cs/groups/ku/documents/ku\\_content/kuw055940.pdf](http://www.kuniv.edu/cs/groups/ku/documents/ku_content/kuw055940.pdf)

Please carefully note all sources and assistance when you turn in your work. Under no circumstances should you take credit for work that is not yours. You should neither receive nor give any unauthorized assistance on any deliverable. If you have any questions about what constitutes “unauthorized assistance” please email me before the deliverable is submitted.

**Grading:**

The scores in this course will be the weighted average of the following items:

Weight	Description
10%	Attendance
30%	In-Class Tests (2 tests: 15 + 15)
40%	Final Exam
20%	Project
100%	TOTAL

**Grade Distribution:**

Grade	Range
A	≥ 95
A-	≥ 90 and < 95
B+	≥ 87 and < 90
B	≥ 83 and < 87
B-	≥ 80 and < 83
C+	≥ 77 and < 80
C	≥ 73 and < 77
C-	≥ 70 and < 73
D+	≥ 65 and < 70
D	≥ 60 and < 65
F	< 60



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**Course Outline:**

<b>Title</b>	<b>Topics</b>
Understanding the Supply Chain	General concepts in supply chain management.
Supply Chain Performance: Achieving Strategic Fit and Scope	Define supply chain strategy and strategic fit
Network Design in the Supply Chain	Use optimization in designing supply chain networks
Coordination in a Supply Chain	Describe different approaches for achieving coordination in a supply chain
Transportation Decisions in a Supply Chain	Discuss the impact of transportation decisions