

**Course Name: Product and Supply Chain**

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Preferred Form of Communication: **Email is the preferred method of communication in this class; emails will be sent to students' East Texas A&M accounts ONLY. Students must routinely check their email.**

Required course materials are IA (Inclusive Access).

Designing and Managing the Supply Chain: Concepts, Strategies, and Case Studies

Discipline: Operations Management

Authors: David Simchi-Levi

Published: 2022

ISBN: 9781265573249

Edition: 4th

COURSE DESCRIPTION:

A supply chain is defined as a set of three or more companies directly linked by one or more of the upstream and downstream flows of products, services, finances, and information from a source to a consumer. Supply chain management is the systematic, strategic coordination of traditional business functions within a particular company and across businesses in a supply chain, to improve the long-term performance of individual companies and the supply chain as a whole. The major supply chain processes include planning, sourcing, making or converting, fulfillment, and relationship management. The major dimensions for evaluating the performance of supply chain processes and activities are time, cost, quality, and compliance. This course covers the major activities of companies that profitably coordinate supply and demand in the marketplace to deliver consumer value.

Course Objectives:

The objectives for this course support the mission statement for the College of Business and expected learning outcomes in the specific area of supply chain management. These objectives are: 1. To introduce and study supply chain operations. 2. To give students the opportunity to critically describe, analyze, and recommend improvements in logistics and supply chain operations. 3. For students to analytically solve problems related to inventory management, facility location, and supply chain optimization. 4. To utilize computer resources to research and analyze

supply chain operations. 5. To understand the global environment and strategic alliances in modern business and their impact on supply chain management.

Grade Distribution: The following scale will be used to grade the student:

A = 90%-100%

B = 80%-89.9%

C = 70%-79.9%

D = 60%-69.9%

F = 59.9% or Below

SB Assignments (340 points)

Four individual exams (400 points)

Total (740 points)

PLEASE NOTE: All work must be completed by the due date. Any late work will be graded as zero. No extensions or make-up will be allowed unless the absence is cleared by the instructor prior to the day the assignment is due. All work is to be neat and typed with proper attention to grammar, punctuation, and spelling.

EXAMS: There are 2 exams, each covering approximately 4 or 5 chapters. Each exam has approximately 50 T/F and multiple-choice (MC) questions to test your knowledge of all course materials, including the text, lectures, videos, and possible discussions. Each exam is weighted equally. The exam time limit is 1 hour and 40 minutes. You will not be able to print exams. Exams are not resettable.