

**Antalya Bilim University**  
**Department of Business Administration, BUSI 343**  
**Supply Chain Management**

This course introduces the key concepts, tools, and principles of the supply chain management. The course will provide information about the supply chain, and the required qualifications for the supply chain will be developed. The course is focused on the supply chain management (SCM) practices and demonstrations, including materials and logistics management. Strategies, applications, and regional events related to SCM will be emphasized. In addition, it is described with procurement, supply chain and production, remediation, completion, stock management, order processing, sourcing supply and chain risk management.

**Course book:**

- Sunil Chopra, Peter Meindl, (2016), Supply Chain Management Strategy, Planning, and Operation, Global Edition, Pearson Education Limited.
- Martin Christopher, (2016), Logistics & Supply Chain Management, FT Publishing International.

**Recommended readings:**

Additional reading material will be provided by the lecturer.

**Developing Graduate Attributes**

Students will be encouraged to develop the following graduate attributes by undertaking the course activities and mastering the course contents. These attributes will be assessed within the assessment tasks:

- a clear understanding of the importance of supply chain design, planning and operation to the success of an organization; and effects of the supply chain to competitive advantage;
- the ability to identify the antecedent factors of supply chain performance;
- the ability to understand how antecedents of supply chain performance are evaluated when designing, planning and implementing the supply chain;
- the ability to explain the strengths and weaknesses of each mode of transport;
- the ability to explain the importance of information technology in the management of the supply chain;
- the ability to apply analytical procedures and methodologies in planning supply and demand in the supply chain.

**Academic Honesty and Plagiarism**

Plagiarism is using the words or ideas of others and presenting them as your own. Plagiarism is a type of intellectual theft. It can take many forms, from deliberate cheating to accidentally

copying from a source without acknowledgement. Although plagiarism is well established in Turkish educational system, you will be punished heavily if you are caught do it.

**Assessment Criteria:**

- 1) **Attendance & Participation (5%):** Attendance and participation make up 10 % of your overall course grade. Students are expected to read the assigned chapters and other readings before the class. They are expected to participate class discussions and present their views and answer questions. Students are required to exhibit proper discipline, behavior, and responsibility.
- 2) **Quizzes (10%):** During the semester, approximately 2-3 quizzes will be held, and the total note weight of these quizzes will be 12%. Quizzes have no make-up and attendance is required.
- 3) **Case presentation (15%):** You will participate in one case analysis presentation to the class as part of a team. You will choose your case from case of text book. Presentations should take approximately 15 minutes: 10 minutes for the presentation and around 5 minutes to answer audience questions. Your presentation will be evaluated based on your audiovisual materials turned in at the start of the session, your oral presentation, your case analysis and your answers to questions from the audience.
- 4) **Midterm (if final exam will be online the weight of midterm is 30%, if not 20%):** The mid-terms will be composed from multiple choice and true/false questions as well as open-ended ones. The questions in the mid-terms will be derived from the processed chapters of course's textbooks and from other resources given by the instructor which mentioned above in required textbooks part of this syllabus.
- 5) **Final exam (if final exam will be online the weight is 40%, if not 50%):** The main part of your course grade is composed from the final exam. In the final exam you will be given questions from all the chapters and topics that covered in the class including every saying, questions, stories, etc.

**Passing Grade: 50**

## **Course Schedule**

|      |   |            |
|------|---|------------|
| Week | Source: Sunil Chopra, Peter Meindl, (2016), Supply Chain Management Strategy, Planning, and Operation, Global Edition, Pearson Education Limited. |            |
| 1    | Introduction to Course<br>Chapter 1 Understanding the Supply Chain  |            |
| 2    | Chapter 2 Supply Chain Performance: Achieving Strategic Fit and Scope   | CASE STUDY |
| 3    | Chapter 3 Supply Chain Drivers and Metrics  | CASE STUDY |
| 4    | Chapter 4 Designing Distribution Networks and Applications to Online Sales  | CASE STUDY |
| 5    | Chapter 5 Network Design in the Supply Chain  | CASE STUDY |
| 6    | Chapter 6 Designing Global Supply Chain Networks  | CASE STUDY |
| 7    | Chapter 7 Demand Forecasting in a Supply Chain<br>Chapter 8 Aggregate Planning in a Supply Chain  | CASE STUDY |
| 8    | Midterm Exam  |            |
| 9    | Chapter 9 Sales and Operations Planning: Planning Supply and Demand in a Supply Chain   | CASE STUDY |
| 10   | Chapter 10 Coordination in a Supply Chain   | CASE STUDY |
| 11   | Chapter 11 Managing Economies of Scale in a Supply Chain: Cycle Inventory   | CASE STUDY |
| 12   | Chapter 12 Managing Uncertainty in a Supply Chain: Safety Inventory<br>Chapter 13 Determining the Optimal Level of Product Availability           | CASE STUDY |
| 13   | Chapter 14 Transportation in a Supply Chain<br>Chapter 15 Sourcing Decisions in a Supply Chain  | CASE STUDY |
| 14   | Chapter 16 Pricing and Revenue Management in a Supply Chain<br>Chapter 17 Sustainability and the Supply Chain                                     | CASE STUDY |