

**SYLLABUS**  
**Vocational School**  
**Foreign Trade Program**

| Course Code                              | Course Title                                                                                                                                                                                                                                                             |                                                                                                     | Credits                      | ECTS                                                           |                  |
|------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------|------------------------------|----------------------------------------------------------------|------------------|
| TİC 228                                  | Supply Chain Management                                                                                                                                                                                                                                                  |                                                                                                     | 2-0-2                        | 5                                                              |                  |
| Prerequisite Courses:                    | None                                                                                                                                                                                                                                                                     |                                                                                                     |                              |                                                                |                  |
| Language of Instruction:                 | Turkish                                                                                                                                                                                                                                                                  | Mode of Delivery:                                                                                   | Face-to-Face                 |                                                                |                  |
| Course Type and Level:                   | Elective / 2nd Year / Spring Semester                                                                                                                                                                                                                                    |                                                                                                     |                              |                                                                |                  |
| Instructor                               |                                                                                                                                                                                                                                                                          | Course Hours                                                                                        | Office Hours                 | E-mail                                                         |                  |
| Assoc. Prof. Dr. Esma Irmak              |                                                                                                                                                                                                                                                                          | Friday 10:15 – 11:45                                                                                | Tuesday–Friday 10:00 - 16:00 | <a href="mailto:esmairmak@cag.edu.tr">esmairmak@cag.edu.tr</a> |                  |
| Course Coordinator:                      | Assoc. Prof. Dr. Esma Irmak                                                                                                                                                                                                                                              |                                                                                                     |                              |                                                                |                  |
| Course Objective:                        |                                                                                                                                                                                                                                                                          |                                                                                                     |                              |                                                                |                  |
| Learning Outcomes                        | Upon successful completion of this course, students will be able to:                                                                                                                                                                                                     |                                                                                                     |                              | Relations                                                      |                  |
|                                          |                                                                                                                                                                                                                                                                          |                                                                                                     |                              | Program Outcomes                                               | Net Contribution |
|                                          | 1                                                                                                                                                                                                                                                                        | Defines the fundamental concepts and components of supply chain management.                         | 1                            | 5                                                              |                  |
|                                          | 2                                                                                                                                                                                                                                                                        | Explains the interrelationship among procurement,production, inventory, and distribution processes. | 3                            | 5                                                              |                  |
|                                          | 3                                                                                                                                                                                                                                                                        | Explains inventory, ordering, and procurement processes in basic supply chain examples.             | 4                            | 5                                                              |                  |
|                                          | 4                                                                                                                                                                                                                                                                        | Analyzes a company's supply chain structure and identifies its strengths and weaknesses.            | 5                            | 5                                                              |                  |
|                                          | 5                                                                                                                                                                                                                                                                        | They can effectively report and present their group assignments or projects.                        | 6                            | 5                                                              |                  |
| Course Description:                      | The aim of this course is to enable students to comprehend the fundamental concepts and mechanisms of supply chain management and to develop a holistic understanding of the procurement, production, storage, and distribution stages within the foreign trade process. |                                                                                                     |                              |                                                                |                  |
| Course Content: (Weekly Course Schedule) |                                                                                                                                                                                                                                                                          |                                                                                                     |                              |                                                                |                  |
| Week                                     | Topic                                                                                                                                                                                                                                                                    | Preparation                                                                                         |                              | Teaching Methods and Techniques                                |                  |
| 1                                        | Introduction to Supply Chain Management                                                                                                                                                                                                                                  | Overview                                                                                            |                              | Lecture, Question–Answer, Brainstorming                        |                  |
| 2                                        | Components of the Supply Chain                                                                                                                                                                                                                                           | Examination of supplier–manufacturer–distributor–customer relationships                             |                              | Discussion, Concept Mapping                                    |                  |
| 3                                        | Material, Information, and Financial Flows in the Supply Chain                                                                                                                                                                                                           | Researching a sample supply chain                                                                   |                              | Visual Analysis, Case Study                                    |                  |
| 4                                        | Procurement and Purchasing Process                                                                                                                                                                                                                                       | Preparation for supplier selection based on a company example                                       |                              | Case Analysis, Group Discussion                                |                  |
| 5                                        | Inventory Management                                                                                                                                                                                                                                                     | Course notes: Examples of inventory classification                                                  |                              | Problem Solving, Mini Practice                                 |                  |
| 6                                        | Demand Forecasting and Planning                                                                                                                                                                                                                                          | Pre-reading                                                                                         |                              | Mini Practice                                                  |                  |
| 7                                        | Production and Distribution Strategies                                                                                                                                                                                                                                   | Examine a real supply chain example                                                                 |                              | Case Discussion, Brainstorming                                 |                  |
| 8                                        | Midterm Exam                                                                                                                                                                                                                                                             | -                                                                                                   |                              | -                                                              |                  |

|    |                                             |                                                                         |                                 |
|----|---------------------------------------------|-------------------------------------------------------------------------|---------------------------------|
| 9  | Midterm Exam                                | -                                                                       | -                               |
| 10 | Logistics Management and Supply Chain       | Find and review current logistics news examples                         | Discussion, Concept Comparison  |
| 11 | Information Technologies and Digitalization | Examine digital logistics applications                                  | Visual Presentation             |
| 12 | Performance Metrics                         | Research supply chain performance indicators                            | Group Work                      |
| 13 | Sustainable and Green Supply Chain          | Read an article on green logistics                                      | Article Discussion              |
| 14 | Global Supply Chains and Risk Management    | Research international supply chain examples                            | Case Study, Discussion          |
| 15 | Supply Chain Strategies                     | Prepare a concept comparison table                                      | Brainstorming, Group Evaluation |
| 16 | Group Project Presentations                 | Prepare and present the selected company's supply chain analysis report | Group Presentation, Feedback    |
| 17 | Final Exam                                  | -                                                                       | -                               |
| 18 | Final Exam                                  | -                                                                       | -                               |

#### Ders İçin Kaynaklar

|                            |                                                                                                 |
|----------------------------|-------------------------------------------------------------------------------------------------|
| <b>Ders Kitabı:</b>        | Güleş, H.K & Paksoy T.& Bülbül H.& Özceylan E. (2019). Tedarik Zinciri Yönetimi. Gazi Kitabevi. |
| <b>Önerilen Kaynaklar:</b> | Articles                                                                                        |

#### Course Assessment and Grading

| Activities                   | Number | Contribution | Notes                                                                              |
|------------------------------|--------|--------------|------------------------------------------------------------------------------------|
| Presentation (Midterm Grade) | 1      | %30          | Exam                                                                               |
| Assignment                   | 1      | %20          | Submission and presentation of the selected company's supply chain analysis report |
| Final Exam                   | 1      | %50          | Exam                                                                               |

#### ECTS Table

| Content                                                                   | Number | Hour | Total |
|---------------------------------------------------------------------------|--------|------|-------|
| <b>Class Hours</b>                                                        | 14     | 2    | 28    |
| <b>Out-of-Class Study</b>                                                 | 14     | 1.5  | 21    |
| <b>In-Class Activity</b>                                                  | 5      | 2    | 10    |
| <b>Assignment</b>                                                         | 1      | 30   | 30    |
| <b>Continuous Assessment</b>                                              | 1      | 20   | 20    |
| <b>Midterm Examination (Including Exam Duration and Preparation Time)</b> | 1      | 15   | 15    |
| <b>Final</b>                                                              | 1      | 26   | 26    |
| <b>Total:</b>                                                             |        |      | 150   |

|               |        |
|---------------|--------|
| Total / 30:   | 150/30 |
| ECTS Credits: | 5      |