

### **eCAMPUS**

# SUPPLY CHAIN MANAGEMENT AND DIGITALIZATION ECF1C05

Distance Learning Study Program

## SUPPLY CHAIN MANAGEMENT AND DIGITALIZATION (5 ECTS)

#### **COURSE DESCRIPTION**

This unit introduces students to theory, concepts, and philosophy related to supply chain management. It is related to the management of the flow of goods and services between businesses and locations. This can include the movement and storage of raw materials, work-in-process inventory, finished goods, and end-to-end order fulfillment from the point of origin to the point of consumption.

#### **OBJECTIVES**

By the end of this course, you will be able to:

- 1. Understanding the basic concepts of Supply chain management
- 2. Comprehending the optimization of Supply Chain Management and Forecasting
- 3. Exploring and applying the role of Supply Chain Management Information Technology, Inventory Management
- 4. Applying Supply Chain Management Performance Measurement.

#### **LEARNING METHODS**

You will study with CLANED, a leading distance learning platform developed in Finland, Europe. In CLANED, you will enter a virtual classroom and learn with the aid of articles, online presentations, video presentations, interactive workshops, and project work. In addition to that, you will engage in interactive quizzes and assignments.

#### **ASSESSMENT AND EVALUATION**

Throughout the student journey in the distance learning study course, students will encounter weekly quizzes and assignments. In addition to that, they will face midterm exams after the first six sessions, and the final exam after the last online class has been completed. To complete a distance learning course, students must pass all quizzes and exams as students must pass examinations to unlock the following study contents.

The assessment and evaluation in each distance learning course include detailed performance analytics and grades, given in %. In addition, each student will receive certification about study behavior analytics, including weekly study times, information about the study frequency, measured attendance, and total accumulated study time.

#### **LECTURERS**

TBA

#### **LECTURE TOPICS**

Class	Topics							
1.	Introduction and Terminology of SCM							
2.	Basic Concepts and Management of SCM							
3.	Competitive Advantage of SCM							
4.	SCM Lead time concept							
5.	Supply Chain Management							
6.	Optimization of SCM							
7.	Forecasting							
8.	Middle Exam							
9.	SCM Strategy Implications							
10.	The Role of SCM Information Technology							
11.	Transportation Method							
12.	Inventory Management							
13.	SCM Performance Measurement							
14.	Final Exam							

#### WORKLOAD

SUPPLY CHAIN MANAGEMENT AND DIGITLIZATION ECF1C05

#### 14 Sessions

							s	essi	ons	per	sem	este	er						TOTAL hrs
			1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
INDEPENDENT WORK		Homework, assignments		2	2	2	2	2	2		2	2	2	2	2	2	2		26
		Workshops											4						4
		Exam preparation							5								5		10
		Case Studies						4											4
		Self Study			2		2				2		2		2				10
· · ·		Preparation for class		2	2	2	2	2	2		2	2	2	2	2	2	2		26
		Follow-up for class		1	1	1	1	1	1		1	1	1	1	1	1	1	1	14
		Final essay paper															10		10
		Course evaluation																2	2
																			106
HRS OF EXAMS MANDATORY		Class Weekly								2								2	4
CLASS ATTENDANCE		hrs ~ 2	2	2	2	2	2	2	2		2	2	2	2	2	2	2		28
	TOTAL WORKLOAD PER COURSE (HOURS)														138				
			то	TA	L EC	TS													5