



eCAMPUS

OPERATIONS MANAGEMENT IN THE 21ST CENTURY ECF1C03

Distance Learning Study Program



OPERATIONS MANAGEMENT IN THE 21ST CENTURY (5 ECTS)

COURSE DESCRIPTION

This course will introduce the concepts, principles, problems, and operations management practices in daily business. The emphasis will be on managerial processes for effective operations in both goods-producing and service-rendering organizations. Topics include inventory control, operations strategy, capacity planning, process design, forecasting, production scheduling, quality assurance, facilities location and design, and project management. The topics are integrated using a systems model of the operations of an organization.

OBJECTIVES

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

- 1. Develop an understanding of the production and operations management role and responsibility in any organization.
- 2. To understand the importance of an effective production and operations strategy to an organization.
- 3. To understand the importance of productivity and competitiveness to both organizations and nations.
- 4. To understand current operations and manufacturing organizational approaches and the supply-chain management activities.

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*(tentative)

Class	Topics
1.	Introduction to modern operations management
2.	Goods-producing vs services-rendering
3.	Operations strategies
4.	Inventory control
5.	Supply chain management
6.	Capacity planning and process design
7.	Middle exam
8.	Forecasting and scheduling
9.	Risk and resilience
10.	Quality assurance
11.	Operations management in intercultural environments
12.	Facility location and design
13.	Project management
14.	Final exam

WORKLOAD

OPERATIONS MANAGEMENT IN THE 21ST CENTURY ECF1C03 14 Sessions

			Sessions per semester TOT													OTAL hrs		
		1	12	3	4	5	6	7	8	9	10	11	12	13	14	15	16	
	Homework, assignme	nts	2	2	2	2	2	2		2	2	2	2	2	2	2		26
	Worksho	ops										4						4
	Exam preparat	ion						5								5		10
INDEPENDENT	Case Stud	lies					4											4
WORK	Self Stu	udy		2		2				2		2		2				10
	Preparation for cl	ass	2	2	2	2	2	2		2	2	2	2	2	2	2		26
	Follow-up for cl	ass	1	1	1	1	1	1		1	1	1	1	1	1	1	1	14
	Final essay pa	per														10		10
	Course evaluat	ion															2	2
																		106
HRS OF EXAMS									2								2	4
MANDATORY	Class Weekly																	
CLASS ATTENDANCE	hrs ~ 2	2	2 2	2	2	2	2	2		2	2	2	2	2	2	2		28
		TOTAL WORKLOAD PER COURSE (HOURS)														138		
		т	OTA	LE	стѕ													5