

Identification	Subject (code, title, credits)	MGT 850 –Operations Management and Logistics – 3KU credits (6 ECTS)	
	Department	Economics and Management	
	Program (undergraduate, graduate)	Graduate	
	Term	Fall 2026	
	Instructor	Toghrul Nabiyeu	
	E-mail:	Toghrul.nabiyeu@khazar.org	
	Classroom/hours		
Prerequisites	ECON 830 Managerial Economics		
Language	English		
Compulsory/Elective	Elective		
Required textbooks and course materials	Main Textbook: Heizer, J., Render, B., & Munson, C. (2023). Operations Management (14th ed.). Pearson.		
Course outline	This course provides an overview of the core concepts, methods, and applications of operations management. It explores how organizations plan, manage, and enhance production and service processes to deliver value and support strategic objectives. Benefits of the course: Understanding Organizational Structures; Project Management; Strategic Thinking; Supply Chain Management; Inventory Management; Managing Quality.		
Course objectives	<u>Generic Objective of the Course:</u> • Equip students with a strong grounding in the principles, techniques, and applications of operations management. • Develop the ability to analyze and address real-world challenges in areas such as productivity, quality, capacity, supply chain, and project management. • Enhance decision-making and problem-solving skills through case analyses, projects, and interactive		
Learning outcomes	By the end of this course, students will be able to: • Describe the significance of operations management within business and economic contexts. • Utilize both quantitative and qualitative methods to address operations challenges. • Analyze and compare strategies for capacity planning, inventory control, and scheduling. • Examine quality management frameworks and principles of lean operations. • Showcase collaboration, communication, and problem-solving abilities through group tasks and projects.		
Teaching methods	Lecture		X
	Group discussion		X
	Presentation		X
	Case analysis		X
Evaluation	Methods	Date/deadlines	Percentage (%)
	Midterm Exam		30
	Class Attendance		5
	Activity		5

	Quizzes	Week 6 and week 14	10
	Project	Week 15	10
	Final Exam		40
	Total		100
Policy	Attendance: Students exceeding the 25% absence limit will not be allowed to participate in the final exam. Activity: Activity shall mean active participation i.e., asking and answering the question, contribute with insights and feedback, and demonstrate willingness and dedication to be part of an overall class discussion. Quizzes: There will be 2 quizzes throughout the course. Quizzes will be based on end-of-chapter questions and (or) case studies. The main goal is to prepare students for the exams. Students should be able to answer open-ended questions. Project: Project will be group work and questions will cover the main part of total course material. In the project, students will be asked to answer questions based on organizational structure, management styles, and company strategy for the chosen international company and interpret their results. Generative AI Policy: Generative artificial intelligence (GenAI) tools may be used to facilitate teaching and learning in this course, particularly for generating and refining ideas. Any GenAI tool employed must be acknowledged in the submitted work, including a clear explanation of how and why it was used, in accordance with the requirements outlined in Section 8. Students are responsible for assessing the accuracy and credibility of AI-generated content. The final work must clearly reflect the student’s own reasoning, critical evaluation, and original intellectual contribution.		
Tentative Schedule			
Week	Date/Day (tentative)	Topics	Textbook
1	16 Sep	Introduction to Operations Management; Productivity	Chapter 1
2	23 Sep	Operations Strategy in a Global Environment	Chapter 2
3	30 Sep	Project Management	Chapter 3
4	7 Oct	Forecasting	Chapter 4
5	14 Oct	Design of Goods and Services	Chapter 5
6	21 Oct	Quiz 1 Managing Quality	Chapter 6
7	28 Oct	Statistical Process Control Review	Chapter 7
8	04 Nov	Midterm Exam	
9	18 Nov	Process Strategies	Chapter 7s
10	25 Nov	Supply Chain Management	Chapter 11
11	02 Dec	Inventory Management	Chapter 12
12	09 Dec	Lean Operations	Chapter 16
13	16 Dec	Applying Analytics to Big Data in Operations Management	Module G
14	23 Dec	Quiz 2 Project	Chapter 18

15	30 Dec	Review	
16	TBD	Final exam	

* Any change to the above syllabus will be communicated in advance to the students through Microsoft TEAMS.