Identification	Subject	MGT 443 –	Operations Managemen	nt-3KU credits (6 ECTS)	
	Program	Undergradua	ate		
	Department	Economics a	and Management		
	Term	Fall 2023			
	Instructor	Khumar Hus	seynova, khumar.huseyno	ova@khazar.org	
	Classroom/hours	to be define	ed		
		41 Mehseti s	street (Neftchilar campus), Khazar University,	
-		Saturday 08	:30-11:40		
Prerequisites	MGT 305 Management				
Language	English				
Compulsory/Elective	Compulsory				
Textbooks and course	Principles of Operations Management, Sustainability and Supply Chain by Jay Heither,				
materials	Barry Render, Chuck Munson 12th edition Pearson (earlier editions 10th edition and 9th				
	edition Prentice Hall 2013)				
Course outline	This course is designed for Bachelor students.				
	Examines problems encountered in planning, operating, and controlling production of				
	goods and services. Topics include quality assurance, production systems, project				
	management, and inventory management, forecasting and capacity management, computer				
Course objectives	and quantitative models used in formulating managerial problems.				
Course objectives	Generic Objective of the Course:				
	management				
	Specific Objectives of the Course:				
	 Introduction to operations management through global environment and Operations 				
	strategy, managing projects and forecasting demand				
	 To learn methods and tools to design operations 				
	Acquire some practical sl	kills and mana	agerial way of thinking o	f managing operations	
Learning outcomes	Desired learning outcomes will be:				
	Throughout the course, students will be exposed to several key concepts and theories of the				
	operations management. Learners will be able to define operational management by				
	rearning, for example, main distinctions between goods and services, production and				
	productivity, identify mission and strategy of the course by getting the knowledge about three strategic approaches to competitive advantage and four clobal operation strategics				
	For scheduling projects students will be introduced Gantt chart and draw AOA and AON				
	networks, which gives opportunities to complete the project at a certain date. By taking the				
	course learners will understand production processes, product life cycle, product structure				
	and international quality standards. Students will also get a grasp of important components				
	of forecasting, such as methods and models applied to get the results for the future dates.				
	Furthermore, making location decisions will also be introduced, which helps to identify the				
	best location for service or industrial sector by using several methods and analyzing factors				
	that affect it. Finally, students will obtain key aspects of supply-chain management and				
	inventory management, aggregate planning using linear programming and strategy making				
Tooching mothods	III OM.				
reaching methous	Crown discussion			X X	
	Experiential exercise			X	
	Lecture x			X	
Evaluation Criteria	Methods		Date/deadlines	Percentage (%)	
	Midterm Exam			30	
	Attendance			5	
	Activity			5	
	Case presentations and	discussions	30.12.2023	5	
	(cases from chapters)				
	Project 1		During the semester	10	
	Project 2		During the semester	10	
	Final Exam			35	

		Total	100			
Policy	y	Midterm Exam (Exam will include problem solutions and open qu	uestions)			
		Activity (Students should participate in class activities such as problem solutions) A				
		student has to be attentive and participate in class discussions				
		Attendance A student has to have an open camera during online classes. Otherwise,				
		Case presentations and discussions A student will have a case to study and present with				
		his analysis and comments				
		Project 1 aims at developing the students` general knowledge as fu	ture operations			
		managers. They will be involved to attend short courses in edu.e-cbar.az.				
		Project 2 aims to develop team spirit, project management and time management of future				
		operations managers via interesting events.				
XX/	D-4-/D	Final Exam (Exam will include problem solutions and open questions)				
wee k	Date/Day	Topics	Assignments			
1	16 09.2023	Introduction to the Course. Operations and productivity.	Ch.1			
2	23.09.2023 Operations strategy in a Global Environment.					
2			Ch2			
3	07.10.2023	Project Management.	Ch.3			
4	14.10.2023	Forecasting.	Ch4			
5	21 10 2023		Ch.5/Supplemen			
	21110.2020	Design of Goods and Services S5. Sustainability.	t 5			
		Managing Quality	Ch 6			
6	28.10.2023					
		S6. Statistical Process Control	Supplement 6			
7	04.11.2023	Process Strategy.	CII. /			
/		S7C	Supplement /			
	11 11 2022	S/Capacity and Constraint Management.	Ch0			
8	11.11.2023	Layout Strategies.	CII.9			
	18.11.2023	Mid-term				
9						
10	25.11.2023	Human Resources, Job Design, and Work Measurement.	Ch.10			
	02 12 2022		Ch.11,			
11	02.12.2023	Supply-Chain Management. Supply Chain Management Analyti	cs Supplement 11			
12	09.12.2023	Inventory Management; Just-in-Time, TPS, and Lean Operation	s/ Ch.12, Ch16			
13	16.12.2023		Ch.13 Ch. 14			
1.5		Aggregate Planning and S&OP				
14	23.09.2023	Short-Term Scheduling	Ch.15, Ch.16			
14		Material Requirements Planning (MRP) and ERP				
15	30.12.2023	Maintenance and Reliability. Case presentation	Ch.17			
		Final ayam				
16						