

Identification	Subject	MGT 440 – Production and Operations Management– 3KU credits (6 ECTS)	
	Program	Undergraduate	
	Department	Economics and Management	
	Term	Fall 2022	
	Instructor	Dr. Bahadir Baysal	
	Classroom/hours	40 Mehseti street (Neftchilar campus), Khazar University	
Prerequisites	MGT 310 Management and Organization		
Language	English		
Compulsory/Elective	Compulsory		
Textbooks and course materials	Principles of Operations Management, Sustainability and Supply Chain by Jay Heither, Barry Render, Chuck Munson 12th edition Pearson 2017 (earlier editions 10th edition and 9th edition Prentice Hall 2013)		
Teaching methods	Case analysis		x
	Experiential exercise		x
	Lecture		x
	Others		
Evaluation Criteria	Methods	Date/deadlines	Percentage (%)
	Midterm Exam		30
	Activity		5
	Case presentations and discussions (cases from chapters)		10
	Attendance		5
	Assignments		10
	Final Exam		40
	Total		100
Course objectives	<i>Generic Objective of the Course:</i> To ensure the core concepts, methods and techniques of operations management are provided <i>Specific Objectives of the Course:</i> Explain operations management through global environment and Operations strategy, managing projects and forecasting demand with examples Get familiar with methods and tools to design operations with problems Some practical skills and managerial way of thinking of managing operations will be obtained		
Course outline	This course is designed for Bachelor students. Sorting out the problems in the topics ex: quality assurance, production systems, project management, and inventory management, forecasting and capacity management, computer and quantitative models used in formulating managerial which are in planning, operating, and controlling production of goods and services.		
Learning outcomes	Craved learning results will be:  Throughout the course, understudies will be unveiled a few key concepts and speculations of the operations administration. Understudies will be able to characterize operational administration by learning fundamental qualifications between products and administrations, generation and efficiency. Understudies will distinguish mission and technique of the course by getting the information approximately three key approaches to competitive advantage and four worldwide operation methodologies. For planning ventures understudies will be presented Gantt chart and draw AOA and AON systems, which gives openings to total the extend at a certain date/time. By taking the course understudies will get it generation forms, item life cycle, item structure and worldwide quality measures. Understudies will too get a handle on the vital components of determining, with the strategies and models connected to urge the comes about for long run dates.		

<b>Policy</b>		<p><b>Attendance:</b> Students exceeding the 25% absence limit will not be allowed to participate at final exam.</p> <p><b>Activity</b> shall mean active participation, and quiz will be done throughout the course to evaluate students activity.</p> <p>Quizzes: There will be four quizzes. The quizzes might be made of multiple-choice questions, true/false questions and short open questions. The questions will cover the subjects learned until each preceding class. Each quiz will be 2.5 points.</p> <p>chapter 6 - 239,240,241,242</p> <p>chp 7- 302,303,304</p> <p>chap 7 supplement -333</p> <p>ch 8- 362,363,364</p> <p>chap 9- 402,403,404</p> <p>ch 10- 437,438</p> <p><b>Assignment.</b> They will analyze the situation according to knowledge they learned from the chapters.</p> <p><b>Case analysis</b> will be based on an essay. The cases will be provided during the lesson and will focus on the taught material. Chapter 1 - 24,25,26</p> <p>chapter 2- 255,256</p> <p>chapter 3 - 98,99,100</p> <p>chapter 4- 153, 154,155,156</p> <p>chapter 5 - 189, 190,</p> <p>chapter 5 supplement - 208,209,210</p>	
<b>W e e k</b>	<b>Date/Day</b>	<b>Topics</b>	<b>Assignments</b>
1		Introduction to the Course. Operations and productivity.	Ch.1
2		Operations strategy in a Global Environment.	Ch2
3		Project Management.	Ch.3
4		Forecasting.	Ch4
5		Forecasting.	Ch4
6		Design of Goods and Services S5. Sustainability.	Ch.5/ Supplement 5
7		Managing Quality.	Ch.6
8		Process Strategy.- Capacity and Constraint Management.	Ch.7 Supplement 7
9		<b>Midterm</b>	
10		Location Decisions	Ch.8
11		Layout Decisions	Ch 9
12		Human Resources, Job Design, and Work Measurement.	Ch.10

1 3		Supply-Chain Management. Supply Chain Management Analytics	Ch.11, Supplement 11
1 4		Inventory Management; Just-in-Time, TPS, and Lean Operations	Ch.12, Ch16
1 5		Review class. <b>Case presentations and discussions</b>	
1 6		<b>Final exam</b>	