

Identification	Subject (code, title, credits)	ECON 801 – “Advanced Microeconomics” – 3KU credits (6 ECTS)	
	Department	Economics and Management	
	Program (Undergraduate, graduate)	Graduate	
	Term	Fall 2022	
	Instructor	Kamil Aliyev	
	E-mail:	aliyev.kamil@khazar.org	
	Classroom/hours		
	Campus	122 Bashir Safaroglu S, Khazar University	
	Office hours	Thursdays, 18:30 – 20:00	
	Prerequisites	None	
Language	English		
Compulsory/Elective	Compulsory		
Textbooks	H. Varian (1992). Microeconomic Analysis G. A. Jehle, P.J. Reny (1998). Advanced Microeconomic theory Mas-Colell, Whinston, Green (1995). Microeconomic theory W. Nicholson, C. Snyder (2016). Microeconomic theory. Basic principles and extensions R. Gibbons (1992). Game theory for applied economists. S. Tadelis (2013). Game Theory. An Introduction. Additional reading materials will be offered during lectures on each topic		
Course outline	This course will present the theory of analytical tools of microeconomics. The course begins with the neoclassical models of consumer and firm optimization and moves on to the market coordination of these individual decisions, general equilibrium, and game theory. Ample applications will be presented to demonstrate how the tools can be used in a variety of contexts.		
Course objectives	This course is designed for the dual purposes of giving students a systematic grounding in microeconomics and preparing them to use the concepts of optimization, rational behavior, various economic relations, and formulate a general equilibrium approach in analysis as well as anticipate the outcome of different relations between economic agents in modelling economic processes at microeconomic level.		
Learning outcomes	Upon successful completing this course, students will be able to: - Understand the essential features of modern consumer theory - Learn to illustrate the approach used for explaining how individuals make choices in a wide variety of contexts - Conceptualize utility in a mathematical way - To explain how inputs turn to outputs and how this process is coordinated by firms - explain the demand for goods by utility-maximizing individuals and the supply of goods by profit-maximizing firms - use game theory the strategic interactions among two or more agents		
Teaching methods	Lecture		×
	Quizzes		×
	Case analysis		×
	Simulation		×
Evaluation	Methods	Date/deadlines	Percentage (%)
	Assignment and quizzes	10 minutes before every lecture	25
	Class Attendance		5
	Midterm Exam	03.11.2022	30
	Final exam		40
	Total		100
Policy	Attendance and participation The students are required to attend all classes as part of their studies and those having legitimate reasons for absence (illness, family bereavement etc) are required to inform the dean’s office . To be on time for the classes is important. The list of students will be checked and registered		

within first 10 minutes of lectures and passed to dean's office.

Withdrawal (pass/fail)

This course strictly follows grading policy of the School of Economics and Management. Thus, a student is normally expected to achieve a mark of at least 60% to pass. In case of failure, he/she will be referred or required to repeat the course the following term or year. For referral, the student will be required to take examination scheduled by instructor.

Activity

Classes are interactive. Participation will enable students to perform well at quizzes on topics.

Quizzes

There will be quizzes every lecture throughout the course. Quizzes will be given at the beginning of the lectures will take 10 minutes. **Those students who are late, will not have another chance to participate at quiz and will automatically get zero (0) point for that quiz.** Each quiz will be evaluated, and average point of all quizzes will be added to course grade. The quizzes will be made of multiple-choice questions, true/false questions and short open questions. The questions will cover the subjects learned at preceding class.

Cheating/plagiarism

Cheating or other plagiarism during the Quizzes, Mid-term and Final Examination will lead to paper cancellation. In this case, the student will automatically get zero (0), without any considerations.

Professional behavior guidelines

The students shall behave in the way to create favorable academic and professional environment during the class hours. Unauthorized discussions and unethical behavior are strictly prohibited.

Tentative Schedule

Date/Day (tentative)		Topic	Reading
week 1	15.09.2022	Preferences and Utility	Jehle & Reny Chapter 1 Pages 4-19
week 2	22.09.2022	Utility Maximization and Choice	Mas-Colell Chapter 2 & 3 Pages 17-28 & 50-57
week 3	29.09.2022	Comparative Statistics	Varian Chapter 2 Pages 25-35
week 4	06.10.2022	Income and Substitution Effects	Jehle & Reny Chapter 1 Pages 48-63
week 5	13.10.2022	Revealed Preferences and Elasticity	Jehle & Reny Chapter 1 Pages 48-63
week 6	20.10.2022	Choice under Uncertainty	Varian Chapter 11 Pages 172-194
week 7	27.10.2022	Production Function	Jehle & Reny Chapter 3 Pages 125-143
week 8	03.11.2022	Midterm Exam Cost Function	Varian Chapter 5 Pages 64-77
week 9	10.11.2022	Profit Maximization and Supply	Jehle & Reny Chapter 3 Pages 145-154
week 10	17.11.2022	The Partial Equilibrium Competitive Model	Mas-Colell Chapter 10 Pages 31-325
week 11	24.11.2022	Monopoly. Imperfect Competition	Varian Chapter 14 Pages 236-248

week 12	01.12.2022	General Equilibrium with Production	Jehle & Reny Chapter 5 Pages 195-239
week 13	08.12.2022	Game theory. Nash Equilibrium	Varian Chapter 15 Pages 260-282
week 14	15.12.2022	Game theory. Subgame Perfect Nash Equilibrium	Varian Chapter 15 Pages 260-282
week 15	22.12.2022	Game theory. Externalities and Coase Theorem	Jehle & Reny Chapter 7 Pages 332-347
	TBD	Final exam	

This syllabus is a guide for the course and any modifications to it will be announced in advance.