

AMERICAN UNIVERSITY OF CENTRAL ASIA  
DEPARTMENT OF ECONOMICS  
MASTER'S PROGRAM

**MICROECONOMICS II**

Spring 2023

**Instructor**

Prof. Nazgul Jenish  
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**Lecture:**

Saturday: 9:25 – 10:40

**Seminar:** Sat 10:45 – 12:05

**Office Hours:**

Friday: 17:10 – 18:30

Sat: 12:05 –12:45

**Course Description:**

This course is the second in the Microeconomics sequence for the MSc. Economics Program. The objective of the course is to equip students with fundamental concepts and methods of the modern economic theory focusing on rational behavior of consumers and producers. The course focuses on firm supply under imperfect competition, externalities and imperfect information models. More specifically, the following topics are covered: monopoly, oligopoly, game theory and its economic applications, externalities, public goods, and asymmetric information.

**Prerequisites:**

Students must have taken Microeconomics I course at graduate level. Students are also expected to have good knowledge of multivariate calculus or mathematical analysis, including functions, partial derivatives, and constrained optimization methods, including the Lagrange and Kuhn-Tucker methods. Students who have concerns about the adequacy of their mathematical background should contact me within the first week of classes.

**Required Text:**

*Intermediate Microeconomics: A Modern Approach. 9th Edition.* Hal R. Varian. W.W. Norton & Company, 2014

The eighth edition of the textbook can also be used.

**Requirements:**

You are expected to attend all lectures and seminars, as well as to complete eight homework assignments during the semester. Assignments will be posted on the e-Course webpage and will be due at the beginning of lectures. No late assignments will be accepted. Completion of the assignments is strongly recommended as they are an integral part of the learning process. They will also have a direct impact on your final grade.

There will be one mid-term and one final in-class exams. You are required to take **both exams**. Course grades will be determined as follows:

Final exam	50%
Mid-term exam	30%
Homework assignments	<u>20%</u>
Total	100%

**Academic Policies:**

The standard AUCA rules and regulations concerning absences, exams, grading, and violations of academic integrity will apply to this course. Please consult the AUCA website.

**Course Outline:** (I may add, drop or change the order of topics and chapters.)

<i>Chapter</i>	<i>Topic</i>
24	Monopoly
26	Monopoly Behavior
27	Oligopoly
28	Game Theory
10	Intertemporal Consumption Theory
32	Externalities
35	Public Goods
36	Asymmetric Information