



## MICROECONOMICS

### Syllabus

### III 2.5

### Specialty: 073 “Management”

### Educational program “Information Technology Management”

Quarter/Year: Spring/2022

ECTS Credits: 6

Instructor: prof. Liubov Zharova, Ph.D

US Credits: 3

Contact information: [lubov.zharova@uacu.edu.ua](mailto:lubov.zharova@uacu.edu.ua)

Prerequisites: -

### Course Description

The course introduces a core area of economics known as microeconomics. It considers the operation of a market economy and the problem of how best to allocate society's scarce resources. The course considers how various decision-making units in the economy (individuals and firms) make their consumption and production decisions and how these decisions are coordinated. It considers the laws of supply and demand and introduces the firm's theory, its components, production and cost theories, and models of market structure. The various causes of market failure are assessed, and consideration is given to public policies designed to correct this market failure.

### Course Outcomes

PH2. Keep the moral, cultural, scientific value and increase the achievements of society, using different types and forms of physical activity for maintaining a healthy lifestyle.

PH3. Demonstrate knowledge of theories, methods and functions of management, modern concepts of leadership.

PH4. Demonstrate skills to identify problems and justify management decisions.

PH6. Identify skills of search, collection and analysis of information, calculation of indicators to justify management decisions.

PH7. Demonstrate organizational design skills.

PH8. Apply management methods to ensure the effectiveness of the organization.

PH9. Demonstrate skills of interaction, leadership, teamwork.

PH11. Demonstrate skills of situation analysis and communication in various areas of the organization.

PH17. Perform research individually and/or in a group under the guidance of a leader.

### Competencies

3K2. Ability to preserve and multiply moral, cultural, scientific values and achievements of society based on understanding the history and patterns of development of the subject area, its place in the general system of knowledge about nature and society and in the

development of society, technology, use different types and forms of motor activities for active recreation and a healthy lifestyle.

3K3. Ability to abstract thinking, analysis, synthesis.

3K5. Knowledge and understanding of the subject area and understanding of professional activity.

CK2. Ability to analyze the results of the organization, to compare them with the factors of external and internal environment.

CK8. Ability to plan the activities of the organization and manage time.

CK12. Ability to analyze and structure the problems of the organization, to form sound decisions.

**Internationality:** The international aspect of the course includes using global resources – textbooks, publications, data, etc.

### **Communications**

For individual issues, students should contact the professor **ONLY** by given e-mail or by Moodle. In the Subject line they should put: UACUFirstNameLastName. E-mail messages will normally be answered within 24 hours.

Note! Only emails sent from the student's corporate email address will be answered.

### **Student Responsibilities**

#### **Time Commitment**

The study of technical courses is cumulative (i.e., an understanding of earlier material is necessary to grasp concepts covered later). Past experience has shown a high correlation between procrastination and low grades. Students must be committed to completing tasks on time.

#### **Technical Aspects**

The student is obliged to provide himself/herself with all the necessary technical equipment for the educational process (laptop or computer, webcam, headsets or headphones and microphone), as well as access to the Internet.

Only students signed-in with their own first and last name are allowed into video lectures in Zoom.

### **Grading Policy**

The course is based on mastery of course outcomes. Student grades for this course will be calculated based on performance.

Note: the minimal grade to pass a subject is 60%.

### **Graduate Grading Guidelines**

The assignment of a letter grade for a course is an indication of the student's overall success in achieving the learning outcomes for the course. The course letter grade may be viewed as a summary statement of the student's achievement in individual assessments (assignments & activities). These assessments are intended to identify for students their strengths as well as those areas in need of improvement. Student work is assessed according to the guidelines below.

### Course-level Grading guidelines:

Grade	ECTS Grade	International Grade
90% - 100%	A	5 (Excellent)
83% - 89%	B	4 (Very Good)
75% - 82%	C	4 (Good)
70% - 74%	D	3 (Good)
60% - 69%	E	3 (Acceptable)
35% - 59%	FX	Not acceptable, possible repetition of course

### Criteria for grading:

ECTS grade	Requirements for the student
A	The student demonstrated a comprehensive systemic and in-depth knowledge of program material; processed basic and additional literature; obtained a solid grasp of the conceptual apparatus, methods, techniques and tools provided by the program; found creative abilities in the presentation of the educational program material both on this issue and on related modules of the course and related courses, or the student had a current control of 90-100 points
B	The student demonstrated good knowledge of program material; processed the basic literature, mastered the conceptual apparatus, methods, techniques and tools provided by the program, but with some inaccuracies
C	
D	The student showed mediocre knowledge of the core program material; learned information mainly from a lecture course or just one textbook; mastered only certain methods, techniques and tools provided by the program
E	
FX	The student has significant gaps in knowledge of the main program material; fragmentary mastered the basic concepts, techniques and tools; significant mistakes are made when using them

Maximum total possible points – 300 points incl. (Midterm and Final exam are 60% of overall evaluation, where Midterm – 20% and Final – 40%)

Test / Assignment – 98 points (several times during the course)

Presentation – 22 points

Midterm exam – 60 points

Final exam – 120 points

### Student Workload

It is assumed that for each out of 17 class sessions a student spends about 10.5 academic hours of work. This includes 3.5 academic hours of lectures with the instructor and 7 academic hours of personal work. Personal work includes solving cases, gathering the information and reading texts for the classwork .

Please pay attention that 1 academic hour equals to 40 minutes.

### Assignment Format

- All work should be shown in time. If the student misses the deadline – the task is failed.

- Midterm covered topics from previous lectures (weeks 1-6). It included multiple choice questions and cases (essays) and took about 1.0 hour.
- The Final exam covered all course material and included multiple choice questions and cases (essays). It lasts for 1.0 hour. Admission to the Final exam is possible only if all the tasks of the curriculum are covered.
- After the Midterm and Final is graded a student has access to the grade only. Access to the attempt, corrects answers and information whether the answer is correct cannot be granted.

### **Academic dishonesty**

Academic integrity is submitting one's own work and properly acknowledging the contributions of others. Forms of academic dishonesty include:

Plagiarism – submitting all or part of another's work as one's own in an academic exercise such as an examination, a computer program, or written assignment.

Cheating – using or attempting to use unauthorized materials on an examination or assignment, such as using unauthorized texts or notes or improperly obtaining (or attempting to obtain) copies of an examination or answers to an examination.

Facilitating Academic Dishonesty – helping another commit an act of dishonesty, such as substituting for an examination or completing an assignment for someone else.

Fabrication – altering or transmitting, without authorization, academic information or records.

Any violation of these rules constitutes academic dishonesty and is liable to result in a failing grade and disciplinary action. In case of any academic dishonesty, a student is not allowed to continue or retake the assessment activity, and for the Final, the unsatisfactory grade ("0") is assigned for the course total. Cases of academic dishonesty are not considered by the Academic Council.

Midterm and Final are valid only if they are taken on-campus (room defined by the dean's office) and on UACU's computer/laptop or online on the student's computer/laptop using Zoom and other conditions defined by the dean's office to avoid the cases of academic dishonesty. Students who will not meet this requirement will be expelled from the course with grade "0".

In case of missed Midterm or Final exam (for a valid reason like sickness or an emergency) a request to repeat the exam is possible. Permit to repeat a midterm or final exam is done through a letter to the dean's office with request and approval of subject lecturer.

Submission or retaking of any assessment activities after deadlines are forbidden.

### **Submission & Return Policy**

Assignments must be submitted to the professor on or before the due date indicated in the Course Schedule. The assignments submitted after the due dates receive zero points.

\*\*\*\* NO MAKE –UP QUIZZES AND EXAMS \*\*\*\*

### **Schedule**

<b>Lecture #</b>	<b>Research Projects</b>	<b>Assignments Due</b>	<b>Points</b>
Lecture 1	Introduction	Participation	3

	Opportunity cost, scarcity concept Hypothesis, Fallacy of False Cause, Normative and positive statements Factors of production	Homework	4
Lecture 2	Equity and Effectiveness Allocation of resources and trade Absolute and comparative advantage	Participation Homework	3 4
Lecture 3	Demand Definition, interpretation, and	Participation Homework	3 4
Lecture 4	visualization Individual demand; Marginal Utilities; Market demand; Shifts of Demand	Participation Homework	3 4
Lecture 5	Supply Definition, interpretation, shifts	Participation Homework	3 4
Lecture 6	Equilibrium Definition, shifts, Simultaneous shifts	Participation Homework	3 4
Lecture 7	Elasticity Definition, the elasticity of demand and supply	Participation Homework	3 4
	Midterm		60
Lecture 8	Labour market Definition, Supply, and Demand on Labour Market	Participation Homework	3 4
Lecture 9	Consumer choices Utility, marginal utility, choice, and labor force	Participation Homework	3 4
Lecture 10	Competitive market Perfect competition,	Participation Homework	3 4
Lecture 11	Monopolistic competition, Monopoly and Oligopoly	Participation Homework	3 4
Lecture 12		Participation Homework	3 4
Lecture 13	Taxation Tax burdens, welfare	Participation Homework	3 4
Lecture 14	Market failures Externalities and public goods	Participation Homework	3 4
Lecture 15	Revision Presentation	Presentation	22
	<b>Final</b>		120

### Recommended Materials

Principles of Economics (2016) N. Gregory Mankiw

Principles of Microeconomics (2020) D. Curtis and I. Irvine

The MICRO Economy Today (2016) Bradley r. Schiller

Additional reading material

Online Microeconomics Textbook (updated 2020) - <https://www.thoughtco.com/online-microeconomics-textbook-1147732>

Microeconomics By Arnold C. Harberger

- <https://www.econlib.org/library/Enc/Microeconomics.html>

The Microeconomics of Cryptocurrencies (2020)Hanna Halaburda, Guillaume Haeringer, Joshua S. Gans & Neil Gandal - <https://www.nber.org/papers/w27477>

**Additional On-line Resources:**

CNN

Financial times

Finance.ua

*\* The above schedule and procedures are subject to change in the event of extenuating circumstances.*

Протокол засідання кафедр № 1 від 22.01.2022 року

Проректор з навчально-методичної роботи



Л.І.Кондратенко

Завідувач кафедри



Л.В.Жарова

Викладач



Л.В.Жарова

