



FACULTY: *Economic and Social Sciences*
COURSE: *Economics*
LEVEL OF EDUCATION: *first-level studies (bachelor)*
FORM OF EDUCATION: *full-time*
PROFILE: practical

Subject CARD (Syllabus)

Subject Name: Technologies in E-Business					ECTS credits: 0.5	
Lecturer: according to the list of lecturers and the schedule of classes						
Year: 3	Lectures	Seminars	Laboratory exercises	Exercise	BUNA*	Form of credit*
Semester: 5	0	0	0	18	0	ZO
* E – exam; Z – credit; ZO – passing with an assessment; BUNA – without the participation of an academic teacher						
The aim of the course: <i>to familiarize students with the possibilities of using modern applications supporting business activity based on licensed programs and open licenses.</i>						
Didactic methods: <i>demonstration and practical tasks to be performed using computer stations.</i>						
Prerequisites: <i>computer literacy, knowledge and skills from classes: Information Technology, Office and Multimedia Systems.</i>						
No	Subject matter of the classes					
I	LECTURE: not applicable					
II	SEMINARS: not applicable					
III	LABORATORY EXERCISES: not applicable					
IV	EXERCISE: 1. On-line task calendar. 2. Remote work – e-work and communicators. 3. Individual and group work in the cloud. 4. Online purchases and sales. 5. Business Uses of Social Media.					
V	BUNA: not applicable					
Learning outcomes						
Directional effects – symbol and specification				Objective effects – specification		
in the field of <u>KNOWLEDGE</u>:						
P6U_W	P6S_WG P6S_WK	E1_W02 Knows and understands economic conditions, forms and standards, as well as phenomena and processes related to the market. Has knowledge of economic structures and institutions, as well as their elements, characteristics and development.			Presents available software in the field of support for the implementation of business processes enabling ongoing analysis and interpretation of business processes taking place, affecting the efficiency and effectiveness of undertaken activities.	



P6U_W	P6S_WG	E1_W07 Has the knowledge necessary to conduct business, explains and illustrates the importance of norms and rules (legal, technical-organizational, moral, ethical) organizing the structures and institutions of economics. Knows and understands selected facts, objects, phenomena, as well as complex relationships between them.	Has knowledge of the essence of striving for organizational excellence with particular emphasis on the support of information technology and software, knows the basic provisions of law and general principles, procedures and the course of processes related to the use of software for business purposes .
in terms of <u>SKILLS</u>:			
P6U_U	P6S_UW	E1_U03 Is able to properly analyze and prepare accounting and financial documentation for decision-making and accounting purposes and analyze and evaluate the processes and economic and social phenomena taking place.	Analyzes and documents the symptoms, causes and course as well as effectiveness of processes using appropriate software supporting and improving business operations. Formulates practical conclusions based on the records made in the systems of software supporting business activities and formulates words and doubts related to the functioning system of software supporting business, leading to optimization and improvement of undertaken activities. Has the ability to observe, understand, analyze phenomena related to the management of the organization using modern software supporting business activity and documenting the usefulness and effectiveness of these activities.
P6U_U	P6S_UK P6S_UW P6S_UO	E1_U07 Can collaborate with others as part of teamwork or as a leader; takes a step in the analysis and evaluation of alternative solutions to economic problems and selects methods and instruments that allow rational resolution and optimization of them.	
P6U_U	P6S_UW	E1_U09 Is ready to perform tasks innovatively and solve complex and unusual problems in conditions burdened with risk and uncertainty, using normative systems, using specialized terminology	
in the field of <u>SOCIAL COMPETENCES</u>:			



P6U_K	P6S_KR P6S_KK	E1_K01 Is ready to critically assess the level of his knowledge; recognizes the importance of knowledge in solving cognitive and practical problems and consults experts in case of difficulty in solving the problem on his own.	<p>Understands the need for continuous improvement of knowledge about available, innovative IT solutions in the field of business support, optimizing and improving the course of business processes of the organization, which results from the dynamics of technical and technological progress.</p> <p>Determines the sequence of activities resulting from the use of the software IT environment in order to improve the management processes of the organization.</p> <p>Correctly identifies and diagnoses problems related to the use of modern software supporting and improving the development of the organization.</p> <p>Independently complements and improves knowledge and skills in the field of practically implemented activities using modern software, improving ego management processes.</p>
P6U_K	P6S_KO P6S_KR	E1_K02 Is able to actively cooperate in teams, including international ones, and take on various roles with respect for social, cultural and legal norms, and perform responsible roles in the team, being aware of the decisions they make, and also takes responsibility for the results of their work and the whole team.	
P6U_K	P6S_KR	E1_K03 Is ready to recognize the importance of knowledge in solving problems related to the development, implementation, analysis and evaluation of economic processes in various types of organizations and to consult experts in this regard in case of difficulties in solving them himself/herself.	
P6U_K	P6S_KO P6S_KR	E1_K06 Able to think in an entrepreneurial way and skillfully communicate with the environment; adapts to new situations and conditions, acquires resistance to failure and stress.	

Ways to verify learning outcomes (*KNOWLEDGE, SKILLS, SOCIAL COMPETENCES*)

Effects(symbol)	Written exam	Oral exam	Colloquium	Essay/Paper	Homework	Individual presentation	Group presentation	Activity in class	Participation in the discussion	Individual project	Group project
E1_W02,								X	X		



E1_W07											
E1_U03, E1_U07, E1_U09,								X	X		
E1_K01, E1_K02, E1_K03, E1_K06,								X	X		

Form and conditions of passing the subject: passing based on the discussion and practical tasks discussed during the classes.

The student's workload needed to achieve learning outcomes in hours and ECTS credits

Contact hours with an academic teacher

Types of classes	Number of hours
Participation in lectures	
Participation in seminars	
Participation in exercises	18
Participation in laboratory classes	
Consultations (2 hours for the lecture, 1 hour for one training group, conv., sem.)	
Sum of	18

Student's own work divided into time (examples of student work forms)

Form of student work	Number of hours
Preparing for classes	
Writing a paper/project/essay	
Gathering materials and preparing presentations	
Self-reading	
Preparing for colloquia/tests	
Preparing for the written/oral exam in a subject	
Preparation for written/oral credit in a subject	
Sum of	18
Total (contact hours + student's own work)	18

0.5 ECTS

1.including the number of ECTS credits for contact hours with the direct participation of an academic teacher

0.5 ECTS

2.including the number of ECTS credits for hours carried out in the form of independent work

0 ECTS

Classes with a practical profile

Types of classes	Number of hours
Participation in laboratory exercises	
Preparing for practical credit	
Sum of	18
Number of ECTS credits for practical classes	0.5 ECTS

Basic literature: (up to 3 items)

1. T. Erl, E. Barcelo, Cloud Computing: Concepts, Technology, and Architecture, Pearson Education, London 2023.
2. E. Haque, The Ultimate Modern Guide to Cloud Computing, Lulu.com, [b.m.] 2023.

Supplementary literature:

Ch. Surianarayanan, P.R. Chelliah, Essentials of Cloud Computing, Springer International Publishing, 2024.

Acceptance of the Vice-Rector: