University of Gdańsk

Subject card

Subject name and code	Information and Communication Technologies , PG_00200359		
Field of study	Logistics and Mobility		
Date of commencement of studies	October 2026	Academic year of realisation of subject	2026/2027
Education level	Bachelor's studies	Subject group	Obligatory subject group in the field of study Subject group related to scientific research in the field of study
Mode of study	full-time studies	Mode of delivery	at the university
Year of study	1	Language of instruction	English
Semester of study	1	ECTS credits	3.0
Learning profile	academic	Assessment form	credit
Conducting unit	Division of Electronic Economy -> Department of Maritime Transport and Seaborne Trade -> Faculty of Economics -> Rector		
Name and surname of lecturer (lecturers)	Subject supervisor	dr Zuzanna Borda	
	Teachers	dr Zuzanna Borda	

Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	0.0	30.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						

Learning activity and number of study hours	Learning activity	Participation in didactic classes included in study plan	Participation in consultation hours	Self-study	SUM
	Number of study hours	30	0.0	45.0	75

Subject objectives	The aim of the course is to develop practical skills in using basic information technology tools in academic and professional contexts, with particular emphasis on document editing, data analysis, presentation design, and the informed use of AI-based tools.

Learning outcomes

Course outcome	Subject outcome	Method of verification
[LML3_K01] recognizes the importance of knowledge in the field of logistics and mobility in the process of identifying and solving economic problems, is ready to interact with other participants in the learning process, and consulting experts in case of difficulties in solving them on their own	Student will be able to use basic computer programs in data acquisition and data analysis, needed at work. Student uses basic methods and tools, including computer tools and techniques to acquire data, and marketing tools to diagnose economic processes and takes up correct business decisions basing on them. Student uses basic software to acquire and analyze data necessary for professional work. The student is prepared to acknowledge the need for consultations with the course instructor in the case of complex issues.	[SK5] implementation of a problem task
[LML3_U02] is able to use its theoretical knowledge and acquire data to analyze specific logistics and mobility processes and systems, and to analyze these processes and systems using methods developed in economics, finance, management science, logistics and mobility	The student is able to use digital tools and platforms to collect, visualize, and manage data relevant to logistics and mobility systems.The student demonstrates the ability to apply spreadsheet software, databases, or specialized logistics ICT tools to perform quantitative and qualitative analysis.	[SU2] presentation/project/paper/ report [SU5] implementation of a problem task
[LML3_K02] is aware of the level of his knowledge in the field of logistics and mobility, understands the need to deepen and update this knowledge throughout life	The student is aware of the scope and limitations of their knowledge in the field of logistics and mobility, particularly in relation to modern information and communication technologies; understands the necessity of continuous learning and updating their knowledge to keep up with technological advancements and industry practices.	[SK5] implementation of a problem task
[LML3_W06] knows to an advanced degree selected methods and tools, including statistical techniques, to describe and model logistics and mobility processes and systems	Student uses basic software to acquire and analyze data necessary for professional work. The student is prepared to acknowledge the need for consultations with the course instructor in the case of complex issues.	[SW5] implementation of a problem task

Subject contents

The course covers the practical use of selected information technology tools in academic and professional work, including word processors, spreadsheets, presentation software, and artificial intelligence tools. Classes focus on creating and formatting documents, analyzing and presenting data, preparing visual materials, and critically evaluating the reliability of digitally generated information.

Students may attend consultation hours if they need additional explanation of the topics discussed during classes.

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Presentation	51.0%	20.0%
Excel test	51.0%	30.0%
Exercises during classes	51.0%	50.0%

Recommended reading

Basic literature

J. Habraken, Microsoft Office Inside Out (Office 2021 and Microsoft 365) 1st edition, Microsoft Press 2021

Todd C. Helmus, Artificial Intelligence, Deepfakes, and Disinformation: A Primer (RAND Corporation, 2022)

	Supplementary literature	Dębicka O., "Business value of electronic commerce", [w:] Development and functioning of enterprises in global and changing environment, pod red. J. Kujawy i O. Dębickiej, Gdańsk 2010 Dębicka O., The value of social media in marketing (w:) Contemporary Issues in Economy. After the crisis, red. A. P. Balcerzak, Polish Economic Society Branch, Toruń 2011 Dębicka O., IT solution in building an effective purchase organization - a Polish case" [w:] Regional Managemet. Theory, Practice and Development, Żylina 2012 Dębicka O., Adapting cloud solution in Management Information Systems" [w:] Management Trends in Theory and Practice, Żylina 2013.
	eResources addresses	
Example issues/ example questions/ tasks being completed	• formatting text documents and preparing tables of contents; • creating tables, charts, and basic analyses in spreadsheets; • designing clear multimedia presentations; • organizing files and preparing materials for submission via Moodle; • using artificial intelligence tools in academic tasks; • assessing the reliability of AI-generated responses.	
Work placement	Not applicable	

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