

Subject card

Subject name and code	Management, PG_00156772						
Field of study	Informatics and Econometrics						
Date of commencement of studies	October 2024		Academic year of realisation of subject		2025/2026		
Education level	Bachelor's studies		Subject group		Obligatory subject group in the field of study		
Mode of study	full-time studies		Mode of delivery		at the university		
Year of study	2		Language of instruction		Polish		
Semester of study	3		ECTS credits		6.0		
Learning profile	academic		Assessment form		exam		
Conducting unit	Zakład Strategii i Zarządzania Przedsiębiorstwem -> Department of Organisation and Management -> Faculty of Management -> Rector						
Name and surname of lecturer (lecturers)	Subject supervisor		dr hab. Piotr Wróbel				
	Teachers		dr inż. Piotr Sycz dr Marek Szymański prof. dr hab. Jacek Rybicki				
Lesson types	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	30.0	0.0	0.0	0.0	60
	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	60		20.0		70.0	150
Subject objectives	The aim of the course is to introduce students to the fundamentals of management and quality sciences, including presenting the complexity and interdisciplinary nature of the field as a body of knowledge that permeates all aspects of organizational functioning, with particular emphasis on the functions and tools of management.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[liEL3_W02] The student has advanced knowledge of economic structures and institutions, the processes in them, the connections between them and their dynamics; knows the phenomena and processes occurring in their environment.	The student understands the principles of creating and operating organizational structures and processes within organizations.	[SW4] test/exam - oral or written
	[liEL3_K02] The student can communicate with the public on computer science and econometrics topics in and outside the workplace, communicate his knowledge and share his skills through various media.	The student is able to present their position during discussions and public presentations.	[SK2] presentation/project/paper/report
	[liEL3_U03] The student is able to identify institutional-legal and social constraints on the functioning of economic structures and institutions and reflect them in modelling, forecasting and optimization.	The student is familiar with the conditions for designing and operating organizations (strategy, structures, systems).	[SU2] presentation/project/paper/report
	[liEL3_W03] The student has advanced knowledge of man as an entity that creates economic structures and institutions.	The student has knowledge about the roles of employees and managers within an organization.	[SW4] test/exam - oral or written
	[liEL3_K03] The student can work in, co-create and manage a team; adapts his/her behavior and conduct to his/her role in it; is ready to take responsibility for the team and bear the consequences; understands the necessity of regularity and consistency in action; is open to other team members and critical of himself.	The student knows the principles of teamwork and can apply them in practice.	[SK2] presentation/project/paper/report
Subject contents	[liEL3_W06] The student knows the general principles of business, including the ways of its initiation, the organizational and legal framework, and methods of assessing its effectiveness.	The student has knowledge of the control function within an organization.	[SW4] test/exam - oral or written
	Lectures:1. Management and organizations in everyday life. The contemporary environment as a source of challenges for managers (e.g., globalization, technological development, digitization, natural environment, demography).2. The essence of an organization (attribute-based, functional, and material approaches). Organizational models (e.g., Leavitt, 7S).3. The essence of managerial work, managerial functions and roles, conditions of the manager's role. Managerial skills.4. The cycle of organized action.5. Planning types of plans, the planning process, risk and uncertainty in planning, flexibility in planning. Strategic analysis. Strategic and operational planning. Criteria for evaluating the effectiveness of actions depending on the goals and tasks of the organization.6. Organizing the static and dynamic dimensions of the organization.7. Motivation the essence, types of motivation, theories, and models of motivation. Tools for material and non-material motivation. Forced and incentivized situations. Needs, stimuli, and tools as components of the motivational system.8. Control. The role of control in organized action. Contemporary approaches to control. Control functions, forms of control, principles of control.9. The decision-making cycle, decision classification, conditions for decision-making, elements of the information-decision system.10. Quality management systems, quality management concepts, culture of quality and excellence.11. Organizational changes, innovation. The process of preparing and implementing changes. People's attitudes towards change, actions to prevent and minimize employee resistance.12. The evolution of management and quality sciences. The interdisciplinary and situational nature of management.Exercises:1. Megatrends in the environment as sources of challenges for organizations analysis of the impact of environmental factors on selected organizations/sectors.2. A day in the life of a manager. Leadership styles (types, conditions for effective application).3. The cycle of organized action.4. Strategic analysis and strategy design.5. Organizing the work of a student team.6. Selecting motivation tools to meet the needs of the organization and employee group.7. Selecting control tools for selected positions.8. The process of rational decision-making.9. Methods and tools of quality management, quality costs.10. Organizational changes.		
Prerequisites and co-requisites	None		

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Project / presentation	51.0%	20.0%
	Test	51.0%	30.0%
	Exam	51.0%	50.0%
Recommended reading	Basic literature	R. W. Griffin, Podstawy zarządzania organizacjami, PWN, Warszawa 2022.	
		A. Zakrzewska-Bielawska (red.), Podstawy zarządzania: Teoria i ćwiczenia, Wolters Kluwer, Warszawa 2020.	
		A. Czermiński, M. Czerska, B. Nogalski, R. Rutka, J. Apanowicz, Zarządzanie organizacjami. TNOiK, Toruń 2001.	
	Supplementary literature	P. F. Drucker, Zarządzanie w XXI wieku, Muza, Warszawa 2000.	
P. F. Drucker, Praktyka zarządzania, Czytelnik, Nowoczesność, Kraków, 2005.			
P. F. Drucker, Menedżer skuteczny. Efektywności można się nauczyć, MT Biznes, Warszawa, 2017.			
A. Hamrol, Zarządzanie i inżynieria jakości, Wydawnictwo Naukowe PWN, Warszawa 2022.			
	L. F. Korzeniowski, Podstawy zarządzania organizacjami, Difin, Warszawa 2019.		
	eResources addresses		
Example issues/ example questions/ tasks being completed	Competencies of effective managers at different management levels.Planning in organizations in conditions of a turbulent environment.Determinants of selecting an organizational structure.Good and bad practices in employee motivation.Benefits and costs of using the control function.		
Work placement	Not applicable		

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