



Subject card

Subject name and code	Essentials of management, PG_00045289						
Field of study	Data Engineering						
Date of commencement of studies	October 2021	Academic year of realisation of subject			2021/2022		
Education level	first-cycle 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 Max grade for exam term 2 is: 4		
Semester of study	2	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			exam		
Conducting unit	Department of Management -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Aleksander Orłowski					
	Teachers	dr hab. inż. Aleksander Orłowski dr Franciszek Kutrzeba					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	30.0	0.0	0.0	0.0	45
	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	45	4.0		26.0		75
Subject objectives	The acquisition of knowledge on how to manage organizations and the acquisition the skills using it in practice.						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_K06] thinks and acts in an entrepreneurial way.	Student develops for the selected by a team organization a plan of selection of resources, set goals, formulates strategy, creates organizational structure, develops a system of motivation.			[SK5] Assessment of ability to solve problems that arise in practice		
	[K6_U08] can acquire and apply basic theoretical knowledge of economic sciences to analyse economic processes	Student explains what is the planning in the organization, how to carry out a strategic analysis of the organization and what strategies can be used; distinguishes organizational structures, roles, manager's competences; explains what is motivating and what leadership styles can be found in organizations.			[SU2] Assessment of ability to analyse information		
	[K6_W10] has basic knowledge of entities functioning in economy and relations existing between them.n knows general principles of creating and developing individual entrepreneurship using knowledge from the area of science and scientific disciplines relevant to their field of study	Student describes the classical approach, ie. material (tangible and intangible), attribute-based, functional and contemporary approach, ie. systemic and situational to the organization. Distinguishes types of organizations currently existing Poland.			[SW1] Assessment of factual knowledge		

Subject contents	<ol style="list-style-type: none"> 1. The essence of management. 2. The evolution of management science. 3. The organization and its place in the environment. 4. Planning 5. Organizing 6. Motivation 7. Controlling <p>During the lectures, students learn the theoretical issues of the essentials of management (with particular emphasis on methods / tools such as the BCG Matrix, 5 forces by Porter, methods of motivation), which will be necessary for them during the next semesters of their studies. The content presented during the lecture is then put into practice during the exercises</p>											
Prerequisites and co-requisites	No requirements											
Assessment methods and criteria	<table border="1" data-bbox="450 470 1489 568"> <thead> <tr> <th data-bbox="450 470 794 501">Subject passing criteria</th> <th data-bbox="794 470 1139 501">Passing threshold</th> <th data-bbox="1139 470 1489 501">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="450 501 794 533">Test</td> <td data-bbox="794 501 1139 533">51.0%</td> <td data-bbox="1139 501 1489 533">40.0%</td> </tr> <tr> <td data-bbox="450 533 794 568">Exam</td> <td data-bbox="794 533 1139 568">51.0%</td> <td data-bbox="1139 533 1489 568">60.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Test	51.0%	40.0%	Exam	51.0%	60.0%
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Example issues/ example questions/ tasks being completed	<ol style="list-style-type: none"> 1. Centralization, describe + one example of centralization. 2. What is BCG matrix used for? 											
Work placement	Not applicable											