



Subject card

Subject name and code	, PG_00064556						
Field of study	Mechatronics						
Date of commencement of studies	October 2022	Academic year of realisation of subject			2025/2026		
Education level	first-cycle studies	Subject group					
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	4	Language of instruction			Polish		
Semester of study	7	ECTS credits			1.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Division Of Biomaterials Technology -> Institute Of Manufacturing And Materials Technology -> Faculty Of Mechanical Engineering And Ship Technology -> Wydział Politechniki Gdańskiej						
Name and surname of lecturer (lecturers)	Subject supervisor		dr inż. Magda Rościszewska				
	Teachers						
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	0.0	0.0	15
	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	15		0.0		0.0	15
Subject objectives	The aim of the course is to introduce methods and techniques of human resource management in the contemporary world, where economic development is rapid and intense. In particular, the area of interest includes trends and phenomena such as: virtualization, outsourcing, organizational culture, multiculturalism, leadership and people management, career management, employee motivation (compensation), and engagement.						
Learning outcomes	Course outcome		Subject outcome		Method of verification		
	[K6_W13] knows general rules of establishing and development of a private, small business that applies knowledge from engineering and technical sciences and scientific disciplines, adequate for mechatronics		The student is familiar with the general principles of creating and developing forms of individual entrepreneurship, utilizing knowledge from the fields of engineering and technical sciences, as well as scientific disciplines relevant to mechatronics.		[SW2] Assessment of knowledge contained in presentation		
	[K6_K02] is aware of social role of the technical university alumni, the importance of professional attitudes, obeying ethic rules with respect to diverse point of views and cultures, understands the need for permanent self-learning		The student is able to identify sources of conflicts within the team and apply appropriate methods to resolve them.		[SK5] Assessment of ability to solve problems that arise in practice		
	[K6_K01] is aware of non-technical aspects, individual and collaborative work responsibility and is capable to comply to rules of team cooperation and to take responsibility for collectively performed tasks		The student knows the tools and techniques for motivating and inspiring team members, as well as various leadership styles, adjusting them to the situation and the needs of the team.		[SK5] Assessment of ability to solve problems that arise in practice		

Subject contents	<p>virtualization, outsourcing, organizational culture, multiculturalism, leadership and people management, career management, employee motivation (compensation), and engagement:</p> <p>Utilization of employee traits and abilities</p> <p>Motivation</p> <p>Authority in management</p> <p>Employee evaluation</p> <p>Teams in the management process</p> <p>Motivating and team effectiveness</p> <p>Problem-solving in a team</p> <p>Team leadership</p> <p>Managerial potential in the organization.</p>											
Prerequisites and co-requisites												
Assessment methods and criteria	<table border="1"> <thead> <tr> <th data-bbox="448 958 794 992">Subject passing criteria</th> <th data-bbox="794 958 1141 992">Passing threshold</th> <th data-bbox="1141 958 1477 992">Percentage of the final grade</th> </tr> </thead> <tbody> <tr> <td data-bbox="448 992 794 1037">Presentation</td> <td data-bbox="794 992 1141 1037">56.0%</td> <td data-bbox="1141 992 1477 1037">100.0%</td> </tr> </tbody> </table>			Subject passing criteria	Passing threshold	Percentage of the final grade	Presentation	56.0%	100.0%			
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Example issues/ example questions/ tasks being completed	Virtualization, outsourcing, organizational culture, multiculturalism, leadership and people management, career management, employee motivation (compensation), and engagement, including: Utilization of employee traits and abilities, Motivation, Authority in management, Employee evaluation, Teams in the management process, Motivating and team effectiveness, Problem-solving in a team, Team leadership, Managerial potential in the organization, Case studies.											
Work placement	Not applicable											

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