



Subject card

Subject name and code	Project Management, PG_00045264						
Field of study	Transport and Logistics, Transport and Logistics						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2022/2023		
Education level	first-cycle studies	Subject group					
Mode of study	Full-time studies	Mode of delivery			at the university		
Year of study	3	Language of instruction			Polish		
Semester of study	6	ECTS credits			4.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Institute of Ocean Engineering and Ship Technology -> Faculty of Mechanical Engineering and Ship Technology						
Name and surname of lecturer (lecturers)	Subject supervisor	dr Anna Dembicka					
	Teachers	mgr inż. Paweł Szalewski dr Anna Dembicka					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	0.0	0.0	30.0	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		41.0	90	
Subject objectives	Knowing and understanding the principles of project management						
Learning outcomes	Course outcome	Subject outcome			Method of verification		
	[K6_W07] has a general knowledge on humanities, social and economical sciences. Knows the rules of creating the forms of personal entrepreneurship and economic activity, has knowledge on the protection of intellectual property rights and industrial property rights and copyrights	He understands the need for lifelong learning, primarily in order to improve his professional and personal competences, has the ability to self-educate and the ability to be interested in the issues of the economic dimension of engineering projects.			[SW1] Assessment of factual knowledge		
	[K6_U07] applies knowledge on humanities, social and economical science in solving problems	Can use basic theoretical knowledge and make a preliminary economic analysis of engineering activities			[SU1] Assessment of task fulfilment [SU4] Assessment of ability to use methods and tools [SU5] Assessment of ability to present the results of task		
Subject contents	The definition and role of the project in contemporary organizations. Design elements and types of projects. Process model of the project implementation. Project management (project flow) Project phases: initiation, planning, implementation, reporting, validation, completion. Organizational structure of the project. Project team - talents and skills. Team communication. Project risk management. Quality monitoring. Costs control. Required documentation during the project, reporting. Techniques used in project management: ideas searching techniques, checklists, problem definition techniques, structuring techniques, motivating and managing techniques, negotiation techniques. Project management methods: PMI / PMBOK, AGILE (SCRUM), PRINCE2, LEAN SOFTWARE DEVELOPMENT, WATERFALL (hierarchical, traditional) vs AGILE, CRITICAL CHAIN METHOD (CCPM), CRITICAL PATH METHOD (CPM).						
Prerequisites and co-requisites	Knowledge of the basic principles of management						
Assessment methods and criteria	Subject passing criteria	Passing threshold			Percentage of the final grade		
	lecture	60.0%			50.0%		
	project	60.0%			50.0%		
Recommended reading	Basic literature	M. Trocki, Nowoczesne zarządzanie projektami, PWE, Warszawa 2012.					

	Supplementary literature	<p>M. Chrapko, Scrum. O zwinnym zarządzaniu projektami, Helion, Warszawa</p> <p>PRINCE 2 - Skuteczne zarządzanie projektami, Blackwell, 2010.</p> <p>T. L. Young, Skuteczne zarządzanie projektami, Helion, Warszawa 2006.</p> <p>M. Pawlak, Zarządzanie projektami, PWN, Warszawa 2010.</p> <p>P. Lencioni, Pięć dysfunkcji pracy zespołowej, MT Biznes, Warszawa 2018.</p>
	eResources addresses	<p>Adresy na platformie eNauczanie:</p> <p>Zarządzanie projektem (O:10121), P, TiL, sem.06, letni 22/23 - Moodle ID: 28380 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=28380</p> <p>Zarządzanie projektem (O:10121), P, TiL, sem.06, letni 22/23 - Moodle ID: 28380 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=28380</p>
Example issues/ example questions/ tasks being completed	<p>Idea initiation PLANNING AND ORGANIZING: project environment, project sponsor and manager, project team, project card, project organizational chart (structure), project schedule, project cost estimation, project risk analysis, standardization of activities, work planning COMMUNICATION AND MOTIVATING: milestones, communication errors MONITORING AND CONTROL: list of procedures, checklists, monitoring of works, register of actions and changes, operational and financial control VERIFICATION AND VALIDATION CLOSURE AND EVALUATION: final report, project presentation, final evaluation, project results (result and impact).</p>	
Work placement	Not applicable	