GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	Projects in enterprises, PG_00037137		
Field of study	Economic Analytics		
Date of commencement of studies	October 2020	Academic year of realisation of subject	2022/2023
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	3	Language of instruction	Polish
Semester of study	6	ECTS credits	3.0
Learning profile	general academic profile	Assessment form	assessment
Conducting unit	Department of Informatics in Management -> Faculty of Management and Economics		
Name and surname of lecturer (lecturers)	Subject supervisor	dr inż. Krzysztof Redlarski	
	Teachers	dr inż. Sławomir Ostrowski dr inż. Magdalena Ciesielska dr inż. Krzysztof Redlarski	

Lesson types and methods of instruction

Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
Number of study hours	15.0	0.0	30.0	0.0	0.0	45

E-learning hours included: 0.0

Projekty w przedsiębiorstwie 2023 - STAC - Moodle ID: 29329
https://enauczanie.pg.edu.pl/moodle/course/view.php?id=29329

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	5.0	25.0	75

Subject objectives

The course is intended to:

- Understanding the nature and types of projects
- Understanding methods of planning projects
- Understanding methods of project management
- Teach how to design and use methods planning in projects management

Learning outcomes

Course outcome	Subject outcome	Method of verification
[K6_U10] Has the ability to create, independently and as a team, studies and analyses using the acquired knowledge of quantitative methods and computer programmes.	Students plan and develop project management stages. Shall select the resources and resolve their conflicts, excessive burden. Provides estimates of risk and meet scheduled deadlines for projects. Compares and subjected developed critically judged in relation to the cost of the planned costs. Take the challenge and justify the solutions. It supports collaboration in projects.	[SU3] Assessment of ability to use knowledge gained from the subject
[K6_U12] Can work in a team, including project, managerial and executive roles.	He can work in a group and understands his role as a stakeholder project	[SU1] Assessment of task fulfilment
[K6_K03] Can assess the importance of criteria and tasks in the projects implemented.	He can make the right decisions in leadership roles. Student is able to optimize the cost of the project.	[SK1] Assessment of group work skills
[K6_U06] Can use the acquired knowledge of economic sciences and quantitative methods to identify, formulate and solve specific economic problems.	Knows the basis of project management methodology	[SU4] Assessment of ability to use methods and tools
[K6_W14] Knows the principles of creating and forms of individual entrepreneurship using knowledge of economics, management, finance and computer science.	Students can make a project using MS Project software. The student is able to assign resources to tasks taking into account project schedule	[SW2] Assessment of knowledge contained in presentation

Subject contents

LECTURE: The place and role in the management of projects; The nature and types of projects, the objectives of innovative activities; Maturity of project, project life cycle; Initiating and defining projects, methods of planning projects; Project feasibility assessment, estimation of workload; Risk analysis of projects; The term structure of the project, WBS; Planning process and project resources; Budgeting; Controlling the course of the project, monitoring of the implementation of projects; Ernead Value Method; Organization of project team; Institutional forms of project management. Method "PRINCE2" IT project management tools; Presentation of project management on the example of the practical;

LABORATORY: Using MS Project - personalization settings; Create calendar; Network design activities in the form of a network diagram, corporate calendar copy; Network design activities with a task list, tasks and sub-parent; The allocation of resources, methods; Resources by: constant work, constant time, constant number of resources; Balancing resources, elimination of congestion; Overtime as a resource for rescue; Import and export data; Pool of resources, management of multiple projects; Recurring tasks, create special views; Cost analysis of the project; Risk analysis to meet the deadline of the project; Reports (printed)

Prerequisites and co-requisites

Assessment methods and criteria

Subject passing criteria	Passing threshold	Percentage of the final grade
Project - laboratory	60.0%	60.0%
Written exam	60.0%	40.0%

Recommended reading

Basic literature	1. Redlarski K.: Podstawy metodyki zarządzania projektami w ujęciu klasycznym, Wydawnictwo Politechniki Gdańskiej, Gdańsk 2016 2. Project Management Institute, Inc.: A Guide to the Project Management Body of Knowledge, (PMBOK® Guide) 3. Wilczewski S.: MS Project 2013 i MS Project Server 2013. Efektywne zarządzanie projektem i portfelem projektów. Wydawnictwo Helion, Gliwice 2014
Supplementary literature	1. Berkun S.: Sztuka zarządzania projektami, Helion, 2006r; 2. Trocki M.: Zarządzanie projektami, PWN Warszawa 2003r;
eResources addresses	

Example issues/ example questions/ tasks being completed

Exercises on projects management

Work placement

Not applicable