University of Silesia in Katowice

1.	Field of study	Computer Science
2.	Faculty	Faculty of Science and Technology
3.	Academic year of entry	2019/2020 (summer term)
4.	Level of qualifications/degree	second-cycle studies
5.	Degree profile	general academic
6.	Mode of study	full-time

Module: Managing IT projects and teams

Module code: 08-IN-S2-ZZP

1. Number of the ECTS credits: 4

2. Learning outcomes of the module			
code	**description**	**learning outcomes of the programme**	**level of competence (scale 1-5)**
ZZP_K7	Student works in a team, analyzes (case study) realized IT projects described in foreign trade portals.	K_K01 K_K03 K_U01 K_U02 K_U04 K_U06	4 3 5 4 3 3
ZZP_U4	Student can create and use the tools available to analyze team members' competencies in leadership styles, team roles, social and professional competencies, employee assessment.	K_U01 K_U05	5 3
ZZP_U5	Can use available IT tools to assist in planning, managing and reporting project implementation.	K_U03 K_U20	3 4
ZZP_U6	Can schedule a project schedule, including the work of the project team, report its progress, produce reports.	K_U02 K_U19 K_W24	4 1 1
ZZP_W1	Student knows the various methods of managing IT projects, primarily project team management, resources, risks, efficiency and quality.	K_K02 K_W10	1 4
ZZP_W2	Student knows basic issues related to human resources management, creation and functioning of project teams.	K_W21 K_W23	2 3

ZZP_W3	Student knows the available IT tools to support project management and implementation.	K_W14	2

3. Module description

Description	The module includes issues related to project management methodologies and projects. Topics of the subject are project teams, issues of their creation, functioning, development, evaluation and management of their work. In particular, the content concerns IT project management methodologies - starting with the components of the project, its resources. Particular attention is paid to planning, scheduling, risk management, efficiency, quality. Available IT solutions - in particular project management packages (depending on availability of licenses - eg MS Project 2013) will be used during laboratory exercises - as a tool to help manage a complex project.
Prerequisites	brak

4. Assessment of the learning outcomes of the module

code	type	description	learning outcomes of the module
ZZP_w_1	Exercies mark sheet	The specific exercise program developed in the form of an exercise card will require the student to document the performance of each of the instruction points; The tasks will be described on the card, which will be the basis for passing the exercise.	ZZP_U4
ZZP_w_2	Team project	A practical task implemented in the project team, with an indication of roles, schedule, preparation of the report.	ZZP_K7, ZZP_U4, ZZP_U5, ZZP_U6
ZZP_w_3	Preparing the file using computer software to manage project	Students will learn about the features of the project management program. They perform the exercises in accordance with the instructions, as a result prepare a file (eg in MS Project), which is the basis for verification of the correct exercise.	ZZP_U5
ZZP_w_4	Lecture credit	Written work (combination of open and closed questions).	ZZP_W1, ZZP_W2, ZZP_W3

5. Forms of teaching

code	form of teaching			required hours of student's own work		assessment of the learning outcomes of the module
	type	description (including teaching methods)	number of hours	description	number of hours	
ZZP_fs_1	lecture	Presenting the chosen issues with use of audio-visual aids.	10	Studying additional literature.	30	ZZP_w_4
ZZP_fs_2	laboratory classes	Classes taught in the form of workshops with specifying subsequent tasks to be performed. The project task executed by project teams, discussion, results presentation.	20	Preparation of practical information necessary for the implementation of the project in the working team. Acquire proficiency in the use of IT tools	60	ZZP_w_1, ZZP_w_2, ZZP_w_3