University of Silesia in Katowice

1.	Field of study	Computer Science
2.	Faculty	Faculty of Science and Technology
3.	Academic year of entry	2021/2022 (summer term), 2022/2023 (winter term)
4.	Level of qualifications/degree	second-cycle studies
5.	Degree profile	general academic
6.	Mode of study	part-time

Module: Managing IT projects and teams

Module code: W4-IN-N2-20-2-ZZiP

1. Number of the ECTS credits: 2

2. Learning outcomes of the module

code	description	learning outcomes of the programme	level of competence (scale 1-5)
M_001	Student knows the various methodologies of managing IT projects, primarily project team management, resources, risks, efficiency and quality. Student uses specialist literature (in English).	K_U07 K_W05	2 5
M_002	Student works in a team, uses available IT tools to assist in managing project, understands the need of PM certification.	K_K01 K_U02 K_U03	3 5 3
M_003	Student cans present the effects of team work.	K_U04	1

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) will be used during laboratory exercises - as a tool to help manage a complex project.
Prerequisites	

4. Assessment of the learning outcomes of the module

code	type	description	learning outcomes of the module
W_001	Lecture credit	Exam in written or oral form (open or closed questions).	M_001

| W_002 | Practical tasks | An exercise card - exercise's documentation of each of the instruction points; The tasks will be described on the card, which will be the basis for passing the exercise. A practical task implemented in the project team, with an indication of roles, schedule, preparation of the report. | M_002 |
| W_003 | Team project presentation | Projekt team presents its organization (methodology, roles), IT project, timetable, resources etc. | M_003 |

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	
Z_001	lecture	Presenting the chosen issues with use of audio-visual aids. Examples of methodologies' using, reports, certification plans	10	Studying an additional literature	5	W_001
Z_002	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 to implement the project in a working team. Acquiring proficiency in using IT tools	25	W_002, W_003