

FACULTY CHEMISTRY					
SUBJECT CARD					
Name of subject in English:	Project management				
Main field of study (if applicable):	CHEMICAL AND PROCESS ENGINEERING				
Specialization (if applicable):	Advanced Chemical Engineering and Nanotechnology				
Profile:	academic				
Level and form of studies:	2nd level, full-time				
Kind of subject:	obligatory				
Subject code:	ICC024037				
Group of courses:	NO				
	Lecture	Classes	Laboratory	Project	Seminar
Number of hours of organized classes in University (ZZU)	15				
Number of hours of total student workload (CNPS)	60				
Form of crediting	crediting with grade	crediting with grade	crediting with grade	crediting with grade	crediting with grade
For group of courses mark (X) final course					
Number of ECTS points	2				
including number of ECTS points for practical (P) classes					
including number of ECTS points for direct teacher-student contact (BK) classes	0,5				
PREREQUISITES RELATING TO KNOWLEDGE, SKILLS AND OTHER COMPETENCES 1. Diploma of the first degree studies. 2. Knowledge of using a personal computer including tools for creating and editing presentations.					
SUBJECT OBJECTIVES C1 Understanding the issues and mastering the basic knowledge in the field of project management					
SUBJECT LEARNING OUTCOMES related to knowledge: PEK_W01 The student has basic knowledge of project management. PEK_W02 The student knows the methods of estimating investment and operating costs of industrial installations.					
PROGRAMME CONTENT					
Lectures				Number of hours	
Lec 1	Project definition (sequence of activities, purpose). Project parameters (scope, quality, costs, delivery time, resources).				2
Lec 2	Classification of projects (by project characteristics, project types). Principles of traditional project management.				2
Lec 3	The cycle of the project (phases, levels). Quality management (continuous and process quality management model).				2

Lec 4	Risk management in the project.	2
Lec 5	Forecasting project parameters. Project network diagram. Availability of resources and costs and changes in the schedule.	2
Lec 6	Management of the project team. Project management method critical chain.	2
Lec 7	Project portfolio management.	2
Lec 8	IT tools for project management.	1
		15
TEACHING TOOLS USED		
N1. Lecture with multimedia presentation N2. Consultations N3. Internet resources		
EVALUATION OF SUBJECT LEARNING OUTCOMES ACHIEVEMENT		
Evaluation (F – forming (during semester), P – concluding (at semester end))	Learning outcomes number	Way of evaluating learning outcomes achievement
F1	PEK_W01, PEK_W02	Final test
<p>P</p> <p>P = 3.0 if the sum of points in the range 50-60%</p> <p>3.5 if the sum of points in the range 61-72%</p> <p>4.0 if the sum of points in the range 73-82%</p> <p>4.5 if the sum of points in the range 83-92%</p> <p>5.0 if the sum of points in the range 93-100%</p> <p>5.5 if the sum of points is 100%, and the student demonstrates the knowledge above the regular material scope</p>		
PRIMARY AND SECONDARY LITERATURE		
<u>PRIMARY LITERATURE:</u>		
<p>[1] Trocki M. (red.): Metodyki zarządzania projektami. Bizarre, Warszawa 2011.</p> <p>[2] 2. Trocki M., Bukłaha E. (red.): Zarządzanie projektami – wyzwania i wyniki badań. Oficyna</p> <p>[3] Wydawnicza Szkoła Główna Handlowa w Warszawie, Warszawa 2016.</p> <p>[4] Juchniewicz M.: Dojrzałość projektowa organizacji. Bizarre, Warszawa 2009.</p>		
<u>SECONDARY LITERATURE:</u>		
[1] Kaczorowska A.: E-usługi administracji publicznej w warunkach zarządzania projektami.		
SUBJECT SUPERVISOR (NAME AND SURNAME, E-MAIL ADDRESS)		
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