

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Theoretical basis of quality - qualitology		Code 1011101111011145286
Field of study Corporate Management - Full-time studies -	Profile of study (general academic, practical) (brak)	Year /Semester 1 / 1
Elective path/specialty -	Subject offered in: Polish	Course (compulsory, elective) elective
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: 15 Classes: 15 Laboratory: - Project/seminars: -		No. of credits 2
Status of the course in the study program (Basic, major, other) (brak)		(university-wide, from another field) (brak)
Education areas and fields of science and art		ECTS distribution (number and %)
Responsible for subject / lecturer: prof. dr hab. inż. Władysław Mantura email: wladyslaw.mantura@put.poznan.pl tel. (61) 665 34 04 Faculty of Engineering Management ul. Strzelecka 11 60-965 Poznań		
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	Basic knowledge of set theory.
2	Skills	Skill of translating figures to imaging actual processes.
3	Social competencies	Understanding the significance of the quality approach to the management problems.
Assumptions and objectives of the course: Learning of the methodology of the quality approach in the research and forming of reality.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. has an extensive knowledge of the role of a human in forming of the organizational culture and ethics in management. - [[K2A_W06]]		
2. knows the methods and tools of modeling of decision-making processes - [[K2A_W09]]		
Skills:		
1. can properly interpret and explain the social, cultural, political, law, economic phenomenon and relationships between social phenomenon - [[K2A_U01]]		
2. can use the theoretical knowledge to describe and analyze the cause of the processes and social phenomenon and can formulate their own opinions and select critical data and methods of analyzes - [[K2A_U02]]		
3. efficiently uses the normative systems, standards and rules or can use them to solve the problems, has an extended ability in relation to the selected category of the social bond or selected type of standard - [[K2A_U05]]		
4. can use the acquired knowledge in different scopes and forms, extended to critical analysis of the effectiveness and usefulness of used knowledge - [[K2A_U06]]		
Social competencies:		
1. can notice the relationship of cause and effect in the realization of goals and rank the significance of alternative or competitive tasks - [[K2A_K03]]		
2. has the conscious of interdisciplinarity of knowledge and skills required to solve complex problems of organizations and the need to create interdisciplinary teams - [[S2A_K06]]		

Assessment methods of study outcomes		
A written exam.		
Course description		
-The genesis, subject and division of the quality. Basis of terminology. Characteristic and classification of universal features. Basic operations on quality categories. The principle of the quality approach. The methodology of the quality approach to the research and forming of items.		
Basic bibliography:		
1. Elementy kwalitologii, Mantura W., Wyd. Politechniki Poznańskiej, Poznań 2010.		
2. Zarządzanie jakością - teoria i praktyka, Hamrol A., Mantura W., , Wyd. Naukowe PWN, Warszawa, 2002		
3. Elementy teorii jakości. , Borys T, PWN, Warszawa, 1980		
Additional bibliography:		
1. Ilościowe określanie jakości, Kolman R, PWE, Warszawa, 1973		
2. Teoretyczne podstawy projektowania produkcyjnych systemów sterowania jakością, Mantura W, Wyd. Ucz. Politechniki Poznańskiej, Poznań, 1990		
Result of average student's workload		
Activity	Time (working hours)	
1. A written exam.	0	
Student's workload		
Source of workload	hours	ECTS
Total workload	50	2
Contact hours	30	1
Practical activities	20	1