



Subject card

Subject name and code	NORMATIVE QUALITY MANAGEMENT SYSTEMS, PG_00061600						
Field of study	Management, Management						
Date of commencement of studies	February 2024	Academic year of realisation of subject			2024/2025		
Education level	second-cycle studies	Subject group			Optional subject group 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	1	Language of instruction			Polish		
Semester of study	2	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			assessment		
Conducting unit	Katedra Inżynierii Zarządzania i Jakości -> Faculty of Management and Economics						
Name and surname of lecturer (lecturers)	Subject supervisor	dr hab. inż. Piotr Grudowski					
	Teachers	dr hab. inż. Piotr Grudowski dr Mateusz Muchlado					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	15.0	30.0	0.0	0.0	0.0	45
E-learning hours included: 0.0							
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	4.0		26.0		75
Subject objectives	Interprets the requirements of key normative quality management systems, using them to design their implementation in the organization						
Learning outcomes	Course outcome		Subject outcome			Method of verification	
	[K7_W05] takes into account in the analyzes in an in-depth way both the economic, legal and ethical context, being aware of the responsibility for the consequences of its decisions		analyzes in-depth processes in the organization in the context of normative quality management, using the results of analyzes to make responsible decisions			[SW1] Assessment of factual knowledge	
[K7_K02] makes competent and ethical decisions, taking care of the public interest and maintaining economic, social and environmental values		makes decisions on the implementation of improvements in the quality management system, taking care of the public interest and maintaining economic, social and environmental values			[SK5] Assessment of ability to solve problems that arise in practice		
Subject contents	Quality, its definitions, aspects and meaning. Other basic concepts TQM concept as the basis of management systems Models of excellence as the basis for self-assessment of the organization Industry quality systems, legal conditions of product quality Quality system model according to ISO 9001 structure. Requirements Process orientation in management systems Basic tools for process evaluation and improvement Control cards Qualitative capability analysis Acceptance control						
Prerequisites and co-requisites							
Assessment methods and criteria	Subject passing criteria		Passing threshold		Percentage of the final grade		
	Project		60.0%		50.0%		
	Tests in the semester		60.0%		50.0%		

Recommended reading	Basic literature	Grudowski P., Przybylski W., Siemiątkowski M. (red. W. Przybylski) Inżynieria jakości w technologii maszyn, Wydawnictwo PG, 2006 Grudowski P. Projektowanie, nadzorowanie i doskonalenie systemu jakości według normy PN-EN ISO 9001:2009 w oparciu o podejście procesowe, ODDK, Gdańsk 2010 Grudowski P. Jakość, środowisko i bhp w systemach zarządzania. Bydgoszcz: Wydawnictwo OPO-AJG, 2004
	Supplementary literature	Hamrol A. Mantura W. Zarządzanie jakością. Teoria i praktyka. PWN, Warszawa 2005 Muhlemann A. P., Oakland J. S., Lockyer K. G.: Zarządzanie. Produkcja i usługi, Wydawnictwo Naukowe PWN, Warszawa 1997 Pająk E.: Zarządzanie produkcją. Produkt, technologia, organizacja, PWN, Warszawa, 2006 Problemy Jakości - miesięcznik, wydawca SIGMA-NOT
	eResources addresses	Podstawowe https://enauczanie.pg.edu.pl/moodle/course/view.php?id=40288 - Course e-nauczanie Adresy na platformie eNauczanie: Normatywne Systemy Zarządzania (24/25) STAC - Moodle ID: 40288 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=40288
Example issues/ example questions/ tasks being completed	Modeling the processes of a given organization Development of system procedures Development of process metrics	
Work placement	Not applicable	

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