GDAŃSK UNIVERSITY OF TECHNOLOGY

Subject card

Subject name and code	ESSENTIALS OF SYSTEMIC QUALITY MANAGEMENT, PG_00061876
Field of study	Engineering Management

Date of commencement of studies	October 2024	Academic year of realisation of subject	2026/2027
Education level	first-cycle studies	Subject group	Optional subject group / Subject group related to scientific research in the field of study
Mode of study	Part-time studies (on-line)	Mode of delivery	at the university
Year of study	3	Language of instruction	Polish
Semester of study	6	ECTS credits	4.0
Learning profile	general academic profile	Assessment form	exam

Conducting unit	Department Of Management Engineering And Quality -> Faculty Of Management And Economics -> Wydziały Politechniki Gdańskiej

Name and surname of lecturer (lecturers)	Subject supervisor	dr Mateusz Muchlado
	Teachers	

Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	16.0	0.0	8.0	0.0	0.0	24
	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	24	8.0	68.0	100

Subject objectives	Identifies and uses the requirements of system quality management standards in decision-making processes

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_W01] identifies the determinants of the processes taking place in the analyzed systems and selects methods to solve them using the accumulated knowledge, taking into account the mutual relations between the analyzed phenomena	identifies key aspects of systemic management, using them to select appropriate methods and techniques for process improvement	[SW1] Assessment of factual knowledge
	[K6_K01] demonstrates awareness of legal, ethical and cultural diversity issues by making socially responsible decisions	makes responsible decisions taking into account the requirements of system quality, safety and environmental management standards	[SK5] Assessment of ability to solve problems that arise in practice

Subject contents	Normative Management Systems of the ISO series The context of the organization in ISO Management Systems Leadership its role in ISO Management Systems Requirements for planning in ISO Management Systems Supporting the organization's resources in the context of ISO 9001 Setting requirements for products and services in the organization Planning and designing development in the context of ISO 9001 Audit is a process improvement tool in the context of ISO management systems Improving processes, products and services
Prerequisites and co-requisites	

Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Laboratory	60.0%	50.0%
	Tests during the semester	60.0%	50.0%

Recommended reading	Basic literature	Grudowski P. Projektowanie, nadzorowanie i doskonalenie systemu jakości według normy PN-EN ISO 9001:2009 w oparciu o podejście procesowe

	Supplementary literature	ISO 9001 - tekst normy ISO 14001 - tekst normy ISO 450001 - tekst normy ISO 27001 - tekst norm
	eResources addresses	Adresy na platformie eNauczanie:
Example issues/ example questions/ tasks being completed	Interpret the concept of organizational context and provide methods of its identification Identify the risks and opportunities associated with the customer service process What principles is ISO 9001 based on? What normative management system is responsible for information security management? Schedule an internal audit in the company in accordance with the requirements of the standard	
Work placement	Not applicable	

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