



Subject card

Subject name and code	Quality Management, PG_00049707						
Field of study	Management						
Date of commencement of studies	October 2020	Academic year of realisation of subject			2022/2023		
Education level	first-cycle studies	Subject group			Obligatory subject group in the field of study 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	3	Language of instruction			English		
Semester of study	5	ECTS credits			3.0		
Learning profile	general academic profile	Assessment form			exam		
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 inż. Ewa Marjańska					
Lesson types and methods of instruction	Lesson type	Lecture	Tutorial	Laboratory	Project	Seminar	SUM
	Number of study hours	30.0	0.0	0.0	0.0	0.0	30
	E-learning hours included: 0.0						
Quality Management 2022/2023 - Moodle ID: 22153 https://enauczanie.pg.edu.pl/moodle/course/view.php?id=22153							
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	30	6.0		39.0	75	
Subject objectives	Learning the basics of the QM and showing the practical applications of the principles in companies.						

Learning outcomes	Course outcome	Subject outcome	Method of verification
	[K6_U12] analyses, evaluates and selects various managerial solutions in decision-making processes, taking into account pro-quality and pro-environmental aspects	Student distinguishes and accepts principles of TQM in various areas of an organization. Enumerates and classifies basic requirements of ISO 9000 series standards. Classifies and subordinates processes of an organization, costs of quality, determines rules of human resources management in quality systems. Knows basic tools of quality problems diagnosing. Knows legal requirements concerning quality in Europe and in the world. Describes procedures of certification and quality labelling.	[SU5] Assessment of ability to present the results of task [SU4] Assessment of ability to use methods and tools [SU1] Assessment of task fulfilment
	[K6_W09] knows the basic conditions concerning norms and standards covering particular areas of the organization's functioning, taking into account cultural norms	A student knows and defines basic terms and principles of quality management.	[SW2] Assessment of knowledge contained in presentation [SW1] Assessment of factual knowledge
	[K6_U06] predicts phenomena and processes in the organization, taking into account social aspects	A student predicts phenomena and processes of an organization taking into account the impact of the human factor on the quality of products of the organization	[SU3] Assessment of ability to use knowledge gained from the subject [SU2] Assessment of ability to analyse information [SU1] Assessment of task fulfilment
[K6_K03] identifies problems related to undertaking various tasks in the changing conditions of the organisation's functioning	A student identifies the problems associated with taking action to ensure and improve quality in the changing conditions of the functioning of an organization.	[SK2] Assessment of progress of work [SK4] Assessment of communication skills, including language correctness	
Subject contents	Quality - its definitions and aspects. Other basic terms related to quality management. TQM as the basis for management systems. Models of excellence as the a assessment tool. Legal aspects of product quality QMS according to ISO 9001. Structure. Requirements Process orientation in management systems Basic tools of process assessment and improvement Costs of quality Other normative management systems (environment, OHS,). Integration of management systems		
Prerequisites and co-requisites	No initial requirements		
Assessment methods and criteria	Subject passing criteria	Passing threshold	Percentage of the final grade
	Presentation	60.0%	40.0%
	Written exam	60.0%	60.0%
Recommended reading	Basic literature	Lectures notes, Powerpoint presentations available for students in electronic version Beckford John, Quality Management: Reconsidered for the Digital Economy, Taylor & Francis, 2022 Deming E.W.: Out of the crisis. Cambridge: Massachusetts Institute of Technology 1982.	
	Supplementary literature	Blokdyk Gerardus Quality Management a Complete Guide - 2019 Edition, Emereo Pty Limited, 2018 Defeo, J.A. and Juran, J.M., Juran's Quality Handbook: The Complete Guide to Performance Excellence, McGraw-Hill Education, 2010	
	eResources addresses	Uzupelniajace https://enauczanie.pg.edu.pl/moodle/course/view.php?id=22153 - E-nauczanie course	

Example issues/ example questions/ tasks being completed	1. Basic principles of TQM 2. Structure and requirements of normative management systems 3. Developments in QM
Work placement	Not applicable