

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject The study of proquality systems		Code 1011102311011125144
Field of study Engineering Management - Full-time studies -	Profile of study (general academic, practical) general academic	Year /Semester 1 / 1
Elective path/specialty Quality Systems and Ergonomics	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 3
Status of the course in the study program (Basic, major, other) other		(university-wide, from another field) university-wide
Education areas and fields of science and art social sciences Economics		ECTS distribution (number and %) 3 100% 3 100%
Responsible for subject / lecturer: dr hab. inż. Agnieszka Misztal email: agnieszka.misztal@put.poznan.pl tel. 616653437 Engineering Management Poznań, ul. Strzelecka 11		Responsible for subject / lecturer: dr inż. Małgorzata Jasiulewicz-Kaczmarek email: malgorzata.jasiulewicz-kaczmarek@put.poznan.pl tel. 616653365 Engineering Management Poznań, ul. Strzelecka 11
Prerequisites in terms of knowledge, skills and social competencies:		
1	Knowledge	The student defines and describes the basic concepts and principles of quality management, fundamentals of an organization and management,
2	Skills	The student can verify and evaluate the phenomena occurring during the execution of processes The student can interpret and describe the insights and observations.
3	Social competencies	The student is aware of the importance of quality for its receivers and creators of the level.
Assumptions and objectives of the course: Providing the students with a knowledge that is necessary for an application and theoretical skills of preparation as well as auditing in a production and service organization. An indication of the domains which are responsible for the system improvement and systems identification in the context of pro quality activities, customer satisfaction, internal and external stakeholders and interested parties.		
Study outcomes and reference to the educational results for a field of study		
Knowledge:		
1. The student knows the concepts: system, process - [K2A_W01, K2A_W12] 2. The student knows elements of the system approach to study of quality management systems - [K2A_W01, K2A_W12] 3. The student describes the phenomena occurring within the organization, process and product in order to indicate the links and dependencies - [K2A_W01, K2A_W12] 4. The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]		
Skills:		
1. The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06] 2. The student has the ability to practically apply a system approach to the study of the quality management system - [K2A_U02, K2A_U06]		
Social competencies:		
1. The student is aware of the importance of the system approach to the study of the quality management system - [K2A_K03, K2A_K06] 2. He understands the need to work in a team - [K2A_K03, K2A_K06] 3. He is aware of the system dependencies in organizations - [K2A_K03, K2A_K06]		

Assessment methods of study outcomes		
<p>Formative assessment: Classes: on the basis of assesment the tasks Lectures: on the basis of the answers to questions about the material covered in previous lectures.</p> <p>Collective assessment: Lectures: written examination on particular parts of the content presented in the lecture. The exam takes place during the exam session, after obtaining positive evaluation of laboratories. Classes: test</p>		
Course description		
<p>The program includes: the importance of audit, theoretical aspects of research and evaluation of pro quality systems, practical activities related to the preparation and conduct of the audit, practical logic, statistical context of data analysis, the silhouette of an auditor. The practical aspects of the selected audits and their impact on the improvement of products and customer satisfaction. Preparation for the interpretation of regulations, standards, the evaluation of the dossier, implementation of activities and processes</p> <p>Didactic methods: Lecture: problem lecture, discussion seminar Exercise: case study, lesson, situational method, demonstration method</p>		
<p>Basic bibliography:</p> <ol style="list-style-type: none"> Jasiulewicz-Kaczmarek M., Misztal A., Projektowanie i integracja systemów zarządzania projakościowego, WPP, Poznań 2014 Łuczak B., Kuklińska D., Audi/ty i audi/ytowanie: jak sprawić, by przynosiły jeszcze więcej korzyści, Wydawnictwo Wyższej Szkoły Bankowej, Poznań 2007. Lisiecka K., Systemy zarządzania jakością produktów: metody analizy i oceny, Wydawnictwo Akademii Ekonomicznej im. Karola Adameckiego, Katowice 2009. Misztal A., Evaluate the usefulness of internal and external quality audits, w: Conference Proceedings: International Masaryk Conference for Ph.D. Students and Young Researchers 2011. Hradec Kralove: MAGNANIMITAS. Vol. II., ss. 1489-1499 (dostępny w materiałach dydak.) 		
<p>Additional bibliography:</p> <ol style="list-style-type: none"> Lisiecka K. (red.), Sposoby utrzymywania przewagi konkurencyjnej firmy, Wydawnictwo Akademii Ekonomicznej im. Karola Adameckiego, Katowice 2006. Pacana A., Stadnicka D., Systemy zarządzania jakością zgodne z ISO 9001 : wdrażania, auditowanie i doskonalenie, Oficyna Wydawnicza Politechniki Rzeszowskiej, Rzeszów 2009. 		
Result of average student's workload		
Activity	Time (working hours)	
1. Lecture	15	
2. Classes	15	
3. Preparation for classes	15	
4. Preparations for lectures	10	
5. Consultations	7	
6. Preparation for pass	10	
7. Pass	3	
Student's workload		
Source of workload	hours	ECTS
Total workload	75	3
Contact hours	40	2
Practical activities	15	1