Name of the module/subject Code Quality Management 10111022110111207 Field of study Safety Engineering - Full-time studies - Second- Year /Semester Safety Engineering - Full-time studies - Second- (brak) 1 Elective path/specialty Subject offered in: Course (compulsory, ele obligatory Cycle of study: Form of study (full-time,part-time) Course (compulsory, ele obligatory No. of hours Second-cycle studies Form of study (full-time,part-time) Lecture: 15 Laboratory: - Project/seminars: - 3 Status of the course in the study program (Basic, major, other) (university-wide, from another field) (brak) Education areas and fields of science and art ECTS distribution (numt and %) ECTS distribution (numt and %) Responsible for subject / lecturer: dr inž. Hanna Golaš dr inž. Hanna Golaš email: hanna.golas@put.poznan.pl disclassed put.poznan.plmalgorzata.jasiulewicz-kaczmarekdr inż. Anna Mazurdr Waldemar Prussaktel. 61 665 33 65hanna.golas@put.poznan.pl dr inž. Hanna Golaś Gohana.golas@put.poznan.plmalgorzata.jasiulewicz-kaczmare pubuld dr inž. Hanna Golaś email: hanna.golas@put.poznan.pl			
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Mazurdr Waldemar Prussaktel. 61 665 33 email: hanna.golas@put.poznan.pl			
Prerequisites in terms of knowledge, skills and social competencies: 1 Knowledge Student has and understands basic knowledge and rules in the area of organization and management			
2 Skills Ability to observe and assess phenomena which take place during realization processes i enterprises			
Ability to describe observations			
Student can apply and use the knowledge of organization and management base			
3 Social Awareness of the meaning of quality from the addressee?s and its creators viewpoint.			
competencies Student is aware of products development, including the requirements.			
Assumptions and objectives of the course: The main objective of the course is to acquire skills and competence of: understanding basic concepts, correctness and quality management issues; tackling problems of quality management.			
Study outcomes and reference to the educational results for a field of study			
Knowledge:			
1. Demonstrate and describe elementary characteristics of contemporary concepts of quality management - [-K2A_W22]			
2. Knows the centre of system approach towards management and recognizes main standards within quality management - [-			
K2A_W32]3. As a result of completing studies, a student has basic knowledge of organizational behaviour with respect to quality management - [-K2A_W32]			
Skills:			
1. Can choose and apply an appropriate rule, method or pro quality tool to solve organizational and engineering problem K2A_U1]			
2. Can prepare a plan designed for improving a process which uses specific methods and pro quality tools - [-K2A_U2]			
 Can prepare a plan designed for improving a process which uses specific methods and pro quality tools - [-K2A_U2] As a result of learning the student makes proper use of normative systems and some selected norms as well as rules order to solve a particular task in quality management - [-K2A_U10] Social competencies: 			

1. A student is willing to take up improving actions - [-K2A_K1]

2. As a result of learning process, the student is fully aware of the relevance and understands both aspects and consequences of quality management - $[-K2A_K4]$

Assessment methods of study outcomes

Lectures- written form (the end of a semester)

Classes- tasks done during the classes, presentation of solutions

Course description

Fundamentals rules for pro quality management. Selected standards of management systems. Pro quality culture of an organization and its development. Design processes and pro quality systems implementation. Implementation of pro quality management systems. Risk assessment management in case of process capacity loss. Excellence models of organizations. Application of selected methods and pro quality tools to improve systems.

Basic bibliography:

1. Gołaś H., Mazur A., Zarządzanie jakością, Wydawnictwo PP, Poznań, 2011

Additional bibliography:

1. Jasiulewicz-Kaczmarek M., Misztal A., Mrugalska B., Projektowanie systemów zarządzania jakością, Wydawnictwo PP, Poznań, 2011

2. Gołaś H., Mazur A., Wdrażanie systemu zarządzania jakością, Wydawnictwo PP, Poznań, 2011

Result of average student's workload

Activity		Time (working hours)
1. lecture		15
2. classes		15
3. preparation for classes		10
4. preparation for lecture		10
Student's wo	rkload	
Source of workload	hours	ECTS
Total workload	60	3
Contact hours	40	2
Practical activities	25	1