

STUDY MODULE DESCRIPTION FORM		
Name of the module/subject Quality Management		Code 1011102221011120188
Field of study Safety Engineering - Full-time studies - Second-	Profile of study (general academic, practical) (brak)	Year /Semester 1 / 2
Elective path/specialty Ergonomics and Work Safety	Subject offered in: Polish	Course (compulsory, elective) obligatory
Cycle of study: Second-cycle studies	Form of study (full-time, part-time) full-time	
No. of hours Lecture: - Classes: - Laboratory: - Project/seminars: 15		No. of credits 2
Status of the course in the study program (Basic, major, other) (brak)		(university-wide, from another field) (brak)
Education areas and fields of science and art		ECTS distribution (number and %)
Responsible for subject / lecturer: dr inż. Małgorzata Jasiulewicz-Kaczmarek dr inż. Anna Mazur dr Waldemar Prussak tel. 61 665 33 65hanna.golas@put.poznan.pl malgorzata.jasiulewicz-kaczmarek@put.poznan.pl waldemar.prussak@put.poznan.pl email: malgorzata.jasiulewicz-kaczmarek@put.poznan.pl tel. 616653365 Inżynierii Zarządzania Poznań, ul Strzelecka 11		Responsible for subject / lecturer: dr inż. Hanna Golaś email: hanna.golas@put.poznan.pl tel. 616653365 Inżynierii zarządzania Poznań ul Strzelecka 11
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 in enterprises Ability to describe observations Student can apply and use the knowledge of organization and management base
3	Social competencies	Awareness of the meaning of quality from the addressee's and its creators viewpoint. 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 problems - [-K2A_U1]		
2. Can prepare a plan designed for improving a process which uses specific methods and pro quality tools - [-K2A_U2]		
3. As a result of learning the student makes proper use of normative systems and some selected norms as well as rules in 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

Formative assessment:

a) Projects: current/ongoing evaluation of work progress on a given project

Collective assessment:

a) Projects: evaluation of the presented solution with reference to the chosen project, which was the subject of the project work

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
2. Gołaś H., Mazur A., Zarządzania jakością (Quality management), WPP, 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
3. Jasiulewicz-Kaczmarek M., Misztal A., Mrugalska B. , Projektowanie systemów zarządzania jakością (Design of quality management systems), Wydawnictwo PP, Poznań, 2011
4. Gołaś H., Mazur A. , Wdrażanie systemu zarządzania jakością, Wydawnictwo (Implementation of quality management systems PP, Poznań, 2011

Result of average student's workload

Activity	Time (working hours)	
1. project	15	
2. preparation for project	15	
Student's workload		
Source of workload	hours	ECTS
Total workload	30	2
Contact hours	15	1
Practical activities	15	1