STUDY MODULE DESCRIPTION FORM

Name of the module/subject	Code
Quality Management	**1011102111011120188**

Field of study	Profile of study (general academic, practical)	Year /Semester
Safety Engineering - Full-time studies - Second-	**(brak)**	**1 / 1**
Elective path/specialty	**Subject offered in:**	**Course (compulsory, elective)**
Ergonomics and Work Safety	**Polish**	**obligatory**

Cycle of study:	Form of study (full-time,part-time)
Second-cycle studies	**full-time**

No. of hours	No. of credits
Lecture: **15** Classes: **15** Laboratory: **-** Project/seminars: **-**	**3**

Status of the course in the study program (Basic, major, other)	(university-wide, from another field)
(brak)	**(brak)**

Education areas and fields of science and art	ECTS distribution (number and %)
technical sciences	**3 100%**
Technical sciences	**3 100%**

Responsible for subject / lecturer:

dr inż. Małgorzata Jasiulewicz-Kaczmarekdr inż. Anna Mazurdr Waldemar Prussaktel. 61 665 33 65hanna.golas@put.poznan.plmalgorzata.jasiulewicz-kaczmarek@put.poznan.planna.mazur@put.poznan.plwaldemar.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 Gołaś
email: hanna.golas@put.poznan.pl
tel. 616653365
Inżynierii zarzadzania
Poznań ul Strzelecke 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
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 workload

Source of workload	hours	ECTS
Total workload	60	3
Contact hours	40	2
Practical activities	25	1