

<b>STUDY MODULE DESCRIPTION FORM</b>		
Name of the module/subject <b>(-)</b>		Code <b>1011105231011105149</b>
Field of study <b>Engineering Management - Part-time studies -</b>	Profile of study (general academic, practical) <b>(brak)</b>	Year /Semester <b>2 / 3</b>
Elective path/specialty <b>Quality Systems and Ergonomics</b>	Subject offered in: <b>Polish</b>	Course (compulsory, elective) <b>elective</b>
Cycle of study: <b>Second-cycle studies</b>	Form of study (full-time, part-time) <b>part-time</b>	
No. of hours Lecture: <b>14</b> Classes: <b>12</b> Laboratory: <b>-</b> Project/seminars: <b>-</b>		No. of credits <b>3</b>
Status of the course in the study program (Basic, major, other) <b>(brak)</b>		(university-wide, from another field) <b>(brak)</b>
Education areas and fields of science and art <b>technical sciences</b> <b>Technical sciences</b>		ECTS distribution (number and %) <b>3 100%</b> <b>3 100%</b>
<b>Responsible for subject / lecturer:</b>  dr inż. Małgorzata Jasiulewicz-Kaczmarek email: malgorzata.jasiulewicz-kaczmarek@put.poznan.pl tel. 616653364 Engineering Management Poznań, ul. Strzelecka 11		
<b>Prerequisites in terms of knowledge, skills and social competencies:</b>		
1	<b>Knowledge</b>	Student defines and describes basic concepts and principles in the field of quality management, organizational foundations and management.
2	<b>Skills</b>	The student can verify and evaluate the phenomena occurring during the process. Student can interpret and describe observations and observations.
3	<b>Social competencies</b>	A student is aware of the importance of quality to its audience and its level creators.
<b>Assumptions and objectives of the course:</b> Presentation of the necessary knowledge for the theoretical and applied skills of introducing qualitative changes in selected industrial		
<b>Study outcomes and reference to the educational results for a field of study</b>		
<b>Knowledge:</b>		
1. Understands basic concepts, regularities and problems in system quality management in selected industrial - [K2A_W01] 2. Student knows selected quality management industrial standards - [K2A_W01]] 3. Student can interpret selected requirements of industrial quality management standards - [K2A_W08] 4. Student describes phenomena occurring in organization, process and product in order to indicate relationships and dependencies - [K2A_W08] 5. Student knows the elements of systemic approach to shaping activities implemented in selected industrial - [K2A_W09, K2A_W12]		
<b>Skills:</b>		
1. Student has the ability to use the systematic approach to develop a quality management system in selected industrial - [K2A_U01] 2. Student can model the quality management system in selected industrial - [K2A_U02, K2A_U07] 3. Student can design selected elements of industrial quality management system - [K2A_U04, K2A_U05,] 4. Student is able to interpret phenomena and processes in systematic terms in selected sectors - [K2A_U01]		
<b>Social competencies:</b>		

1. Student is aware of the need to shape processes implemented in different sectors of the economy in a systematic way - [K2A\_K03]
2. Student is aware of the importance of the system approach - [K2A\_K06]
3. Can plan and manage business ventures - [K2A\_K07]
4. Can contribute to the preparation of substantive social projects and manage projects resulting of these project - [K2A\_K05]

### Assessment methods of study outcomes

**Formative assessment:**

in lectures: on the basis of answers to questions about the material discussed in the previous lectures.

In terms of classes: on the basis of assessment of current progress of tasks

**Summary assessment:**

Lectures: written examination of individual contents presented at the lecture.

In the scope of classes: reports of classes performed

### Course description

Quality management in the organization. Characteristic requirements for different sectors. Case studies: production for the automotive industry, construction materials production, food production, military production and services: hospital, bank, hotel and also in public administration (city office, tax office, police). Standards and their interpretation.

**Didactic methods:**

lecture - multimedia lecture, case studies

classes - team work,

### Basic bibliography:

1. Hamrol A., Zarządzanie jakością z przykładami, PWN, Warszawa 2008
2. Broniewska G.: Jakość usług i dobre praktyki w administracji publicznej. ?Zarządzanie i Finanse?, nr 1, cz. 3, 2012.
3. Jasiulewicz-Kaczmarek M., Misztal A., Projektowanie i integracja systemów zarządzania projakościowego, Wydawnictwo PP, Poznań 2014
4. Jasiulewicz-Kaczmarek M., 2016, Budowanie relacji z dostawcami w przedsiębiorstwach branży spożywczej, Problemy jakości 9, pp. 2-9

### Additional bibliography:

1. Lunarski J., Zarządzanie jakością. Standardy i zasady, WNT, Warszawa 2008
2. BRC v8
3. ISO 22000:2016 &#38;#34;System zarządzania bezpieczeństwem żywności - wymagania

### Result of average student's workload

Activity	Time (working hours)
1. Lecture	14
2. Classes	12
3. Preparation for classes	10
4. Consultation with the teacher	10
5. Preparation for the exam	12
6. Exam	2

### Student's workload

Source of workload	hours	ECTS
Total workload	60	3
Contact hours	28	2
Practical activities	12	1