| Name of the module/subject<br>()  Field of study  Engineering Management - Part-time studies -  Engineering Management - Part-time study (fult-time.part-time)  Second-cycle studies  Porm of study (fult-time.part-time)  No. of nours  Lecture: 10 Classes: 10 Laboratory: -  Project/seminars: -  Status of the course in the study program (Basic, major, other)  (brak)  Education areas and fields of science and at  Edit Status of the course in the study program (Basic, major, other)  (brak)  Education areas and fields of science and at  Edit Status of the course in the study program (Basic, major, other)  (brak)  Education areas and fields of science and at  Edit Status and the course in the study program (Basic, major, other)  Education areas and fields of science and at  Edit Status and the course in the study full-poznan.pl  tis. 816583255  R3 Social  The student can viefly and evaluate the phenomena occurring during the execution of processes  The student can interpret and describes the basic concepts and principles of quality management, fundamentals of an organization and management.  A Knowledge  The student can interpret and describes the insights and observations.  The student can interpret and describe the insights and observations.  The student can interpret and adsecribes the insights and observations.  The student can interpret and adsecribe the insights and observations.  The student six ware of the importance of quality for its receivers and relation are were asserved in a system improvement and system is enfortable to the system of mortable of networks |   |   | STUDY MODULE D  |  |                                  |  |  |
|---|---|---|---|--|----------------------------------|--|--|
| Field of study  Engineering Management - Part-time studies -  Engineering Management - Part-time studies -  Encitive pathypeoling of study (Drak)  Second-cycle studies  Form of study (Uil-time.part-time)  Form of study (Uil-time.part-time  | Name of <b>(-)</b>  | the module/subject  |   | 1  | Code<br>011105311011125144       |  |  |
| Implementing wanagement         The student and second                                  | Field of s  | tudy  | mant. Davit time studies  | Profile of study<br>(general academic, practical)  | Year /Semester                   |  |  |
| Quality Systems and Ergonomics         Polish         elective           Cycle of study:         Form of study (full-time.part-time)         part-time           Second-cycle studies         part-time         No. of credits           Decture:         10         Classes:         10         Laboratory:         -         Project/seminars:         -         3           Status of the course in the study program (Basic, major, other)         (university-wide, from another field)         (brack)           Education areas and fields of science and at         ECTS distribution (number and %)         (brack)           Education areas and fields of science and at         ECTS distribution (number and %)         (brack)           Responsible for subject / lecturer:         d' n2. Malgorzata Jasiluewicz-Kaczmarek @putpoznan.pl         ECTS distribution (number and %)           Int/priviti2/acrad_pana         The student defines and describes the basic concepts and principles of quality management, fundamentals of an organization and management.           1         Knowledge         The student can verify and evaluate the phenomena occurring during the execution of processes           3         Social         The student can interpret and describe the insights and observations.           3         Social         The student is aware of the importance of quality for its receivers and reators of the level.           Competencies         <   | Elective p  | path/specialty  | ment - Part-time studies -  | Subject offered in:  | Course (compulsory, elective)    |  |  |
| Cycle of study:         Form of study (tull-time.part-time)           Second-cycle studies         part-time           No. of hours         Lecture:         10         Classes:         10         Laboratory:         -         Project/seminars:         -         3           Satus of the course in the study program (Basic, major, other)         (university-wide, from another file)         (brak)         3           Education areas and fields of solence and at         ECT distribution (number and 5%)         ECT distribution (number and 5%)           Responsible for subject / lecturer:         dr inz. Malgorzata Jasiulewicz-Kaczmarek @put.poznan.pl tei. 61665365         ECT distribution (number and 5%)           Poznan, U. Strzelecka 11         The student defines and describes the basic concepts and principles of quality management, fundamentias of an organization and management.           1         Knowledge         The student defines 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.           Providing the students with a knowledge that is necessary for an application and theoretical skills of preparation as well as auding in a production and service organization. An indication of the domans which are responsible for the system approach to study of quality management systems - [K2A_W01, K2A_W12]           2         Skills         The student is aware of the domans which are res  |   | Quality Sys   | stems and Ergonomics  | Polish   | elective                         |  |  |
| Second-cycle studies         part-time           No. of nours         Lacture:         10         Classes:         10         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 at         ECTS distribution (number and %)         ECTS distribution (number and %)           Responsible for subject / lecturer:         dr in2. Maigorzata Jasiulewicz-Kaczmarek         ECTS distribution (number and %)           Poznań, ul. Strzelecka 11         Prorequisites 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 interpret and describe the insights and observations.         -           3         Social competencies         The student is necessary for an application and theoretical skills of preparation as well as adding in a production and service organization. An indication of the domains which are responsible for the system identification in the context of pro quality activities, customer satisfaction, internal and external stacholders and interested partice. Anotaction and theoretical skills of preparation as well as adding in a production and service organization. An indication of the domain  | Cycle of s  | study:  |   | Form of study (full-time,part-time)  |                                  |  |  |
| No. of hours       Lecture:       10       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       (brak)       (brak)       (brak)         Education areas and fields of science and art       (brak)       (brak)       (brak)         Responsible for subject / lecturer:       drin2. Malgorzata Jasilulewicz-Kaczmarek       (brak)       (brak)         Indynetic Targdzania       Poznaň, ul. Strzelecka 11       Prorequisites 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 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.         Competencies       The student is aware of the 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.         3       Social competencies       The student is aware of the importance of quality activities, customer satisfaction, internal   |   | Second-cy   | ycle studies  | part-ti  | part-time                        |  |  |
| Lecture:       10       Classes:       10       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       (university-wide, from another field)       (brak)         Education areas and fields of science and art       (university-wide, from another field)       ECTS distribution (number and %)         responsible for subject / lecturer:       dr in2, Malgorzata Jasiulewicz-Kaczmarek       ECTS distribution (number and %)         dr in2, Malgorzata Jasiulewicz-Kaczmarek       mail constraints       ECTS distribution (number and %)         Intaryoteriz Izzardzania       Poznań, ul. Strzelecka 11       Forerequisites in terms of knowledge, skills and social competencies:         1       Knowledge       The student can verify and evaluate the phenomena occurring during the execution of processes.<br>The student can interpret and describes the basic concepts and principles of quality management, tomdamentals of an organization and management, competencies:         3       Social competencies       The student is aware of the importance of quality for its receivers and creators of the level.         Providing the student with a knowledge that is necessary for an application and theoretical skills of preparation as well as audiring in a production and service organization. An indication of the domains which are responsible for the system approach to study of quality management sy   | No. of ho   | ours  |   | No. of credits   |                                  |  |  |
| Status of the course in the study program (Basic, major, other)       (university-wide, from another field)   | Lecture   | e: 10 Classes   | s: 10 Laboratory: -   | Project/seminars:  | 3                                |  |  |
| Location areas and fields of science and at         ECTS distribution (number and %)           Education areas and fields of science and at         ECTS distribution (number and %)           Responsible for subject / lecturer:         dr in2. Matgorzata Jasiulewicz-Kaczmarek @putpoznan.pl           et al. 616653366         In2ynierii Zarządzania           Poznah, 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           3         Social competencies         The student is aware of the importance of quality for its receivers and creators of the level.           Providing the students with a knowledge that is necessary for an application and theoretical skills of preparation as well as auding 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 stacholders and interested parties.           Student knows the concepts: system, process - [K2A_W01, K2A_W12]         The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]           The student is able to interpret phenomena occurring within the organization, process and product in order to indicate the links and dependencies  | Status of   | the course in the study   | program (Basic, major, other)   | (university-wide, from another fiel  | ld)                              |  |  |
| and %)       and %)         Responsible for subject / lecturer:       dr in2. Malgorzata Jasiulewicz-Kaczmarek @put.poznan.pl tel. 616653365         Inzynierii Zarządzania       Poznań, ul. Strzelecka 11         Prerequisites in terms of knowledge, skills and social competencies:       Ime student defines and describes the basic concepts and principles of quality management, fundamentals of an organization and text processes         3       Social competencies         The student can verify and evaluate the phenomena occurring during the execution of processes         The student si 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 additing 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.   | Education   | n areas and fields of sci   | (DI dK)   | (r   | ECTS distribution (number        |  |  |
| Responsible for subject / lecturer:         dr in2, Malgorzata Jasiulewicz-Kaczmarek @put.poznan.pl         tel. 616653365         Inżynierii Zarządzania         Poznań, ul. Strzelecka 11    Prerequisites in terms of knowledge, skills and social competencies:          1       Knowledge         1       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         3       Social competencies       The student can interpret and describe the insights and observations.         3       Social Competencies       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.         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         Networkedge:       1         1. The student knows the concepts: system, process - [K2A_W01,  | Education   |   |   |  | and %)                           |  |  |
| Responsible for subject / lecturer:         dr in2. Małgorzata Jasiulewicz-Kaczmarek @put.poznan.pl         tel. 616653365         Inżynierii Zarądzania         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         3       Social competencies       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.         Competencies       The student 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 the concepts: system approach to study of quality management systems - [K2A_W01, K2A_W12]         3. The  |   |   |   |  |                                  |  |  |
| Responsible for subject / lecturer:         dr in2: Malgorzata jasiulewicz-Kaczmarek @put.poznan.pl         tel. 616653365         Inżynierii Zarządzania         Poznań, ul. Strzelecka 11      Prerequisites in terms of knowledge, skills and social competencies:          1       Knowledge         1       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         3       Social competencies       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.         Providing the student swith 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 system identification in the context of pro quality activities, customer satisfaction, internal and external stakeholders and interseted parties.         1. The student knows the concepts: system, process - [K2A_W01, K2A_W12]         2. The student knows the concepts: system, process - [K2A_W01, K2A_W12]         3. The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W01]         4. The student knows the selected secto  | Deer  | naible for anti-  |   |  |                                  |  |  |
| dr in 2: Malgorzata Jasulewicz-Kaczmarek<br>emait: malgorzata Jasulewicz-Kaczmarek@put.poznan.pl<br>tel. 616653865<br>Inżynierii Zarządzania<br>Poznań, ul. Strzelecka 11<br>Prerequisites in terms of knowledge, skills and social competencies:<br>1 Knowledge The student defines and describes the basic concepts and principles of quality management,<br>fundamentals of an organization and management,<br>2 Skills The student can verify and evaluate the phenomena occurring during the execution of<br>processes The student can interpret and describes the insights and observations.<br>3 Social<br>competencies The student is aware of the inportance of quality for its receivers and creators of the level.<br>Assumptions and objectives of the course:<br>Providing the students with a knowledge that is necessary for an application and theoretical skills of preparation as well as<br>auditing in a production and service organization. An indication of the domains which are responsible for the system<br>improvement and systems identification in the context of pro quality activities, customer satisfaction, internal and external<br>stakeholders and interested parties.<br>3 Study outcomes and reference to the educational results for a field of study<br>Knowledge:<br>1. The student knows the concepts: system, process - [K2A_W01, K2A_W12]<br>2. The student knows the selected sectoral standards of quality management systems - [K2A_W01, K2A_W12]<br>3. The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]<br>3. The student knows the ability to practically apply a system approach to the study of the quality management system -<br>[K2A_U02, K2A_U06]<br>3. The student is aware of the importance of the system approach to the study of the quality management system -<br>[K2A_K03, K2A_K06]<br>3. He is aware of the enderone and processes in systemic terms - [K2A_U02, K2A_U06]<br>3. He is aware of the nover an an - [K2A_K03, K2A_K06]<br>3. He is aware of the nover a team - [K2A_K03, K2A_K06]                    | Respo   | onsidle for subje   | ect / lecturer:   |  |                                  |  |  |
| tel. 616653365         Inżynierii Zarządzania         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         3       Social competencies       The student can interpret and describe the insights and observations.         3       Social competencies       The student 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 approach to study of quality management systems - [K2A_W01, K2A_W12]         3. The student knows the concepts: system approach to study of quality management system - [K2A_W01, K2A_W12]         4. The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]         5. The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]         6. The stud   | dr inż<br>emai  | ż. Małgorzata Jasiule<br>I: malgorzata.iasiulev                     | wicz-Kaczmarek<br>vicz-kaczmarek@put.poznan.pl                          |  |                                  |  |  |
| Inżynierii Zarządzania         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         3       Social competencies       The student can verify and evaluate the phenomena occurring during the execution of processes         7       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.         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 the selected sectoral standards of quality management - [K2A_W01, K2A_W14, K2A_W12]         3       The student is able to int  | tel. 6  | 16653365  |   |  |                                  |  |  |
| Prerequisites in terms of knowledge, skills and social competencies:         1       Knowledge         2       Skills         3       Social competencies         3       Social competencies         7       The student can verify and evaluate the phenomena occurring during the execution of processes         3       Social competencies         7       The student can interpret and describe the insights and observations.         3       Social competencies         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.         8       Study outcomes and reference to the educational results for a field of study         Knowledge:       1.         1. The student knows the concepts: system, process - [K2A_W01, K2A_W12]         2. The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]         3. The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]         4. The student knows the selected sectoral standards of quality management - [K2A_U00], K2A_U06]         5. The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]  | Inżyn<br>Pozn   | nierii Zarządzania<br>ań. ul. Strzelecka 11                         |   |  |                                  |  |  |
| 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         3       Social competencies       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.         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.         8       Study outcomes and reference to the educational results for a field of study         Knowledge:       1         1. The student knows the concepts: system, process - [K2A_W01, K2A_W12]         2. The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]         3. The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]         2. The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]         3. The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]         3. The student is able to inter   | Prerec  | nuisites in term  | s of knowledge, skills and  | d social competencies:   |                                  |  |  |
| 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 the concepts: system, process - [K2A_W01, K2A_W12]           3. The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]           4. The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]           5. The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]           6. The student is aware of the importance of the system approach to the study of the quality management system  |   |   |   | a social competencies.   |                                  |  |  |
| 2       Skills       The student can verify and evaluate the phenomena occurring during the execution of processes<br>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 the selected sectoral standards of quality management systems - [K2A_W01, K2A_W12]         3. The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]         4. 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_U02, K2A_U06]         2. The student is aware of the importance of the system approach to the study of the quality management system - [K2A_K03, K2A_K06]         3. Ho is   | 1   | Knowledge   | The student defines and describ fundamentals of an organization         | cribes the basic concepts and principles of quality management,<br>tion and management,        |                                  |  |  |
| The student can interpret and describe the insights and observations.         3       Social competencies         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 the concepts: system, process - [K2A_W01, K2A_W12]         3. The student knows the selected sectoral standards of quality management systems - [K2A_W01, K2A_W12]         3. The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]         4. The student knows the selected sectoral standards of quality management - [K2A_U02, K2A_U06]         2. The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]         2. The student is aware of the importance of the system approach to the study of the quality management system - [K2A_U02, K2A_U06]         2. The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]         2. The student is aware of the importance of the system approach to the study of the quality management system - [K2A_U02, K2A  | 2   | Skills  | The student can verify and evalu processes                              | ate the phenomena occurring during the execution of  |                                  |  |  |
| 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 knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]         4. The student knows the selected sectoral standards of quality management - [K2A_U02, K2A_U06]         2. The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]         2. The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]         2. The student is aware of the importance of the system approach to the study of the quality management system - [K2A_U02, K2A_U06]         3. The student is aware of the importance of the system approach to the study of the quality management system - [K2A_K03, K2A_K06]         3. He is aware of the system dependencies in oranizations - [K2A_K03  |   | <u> </u>  | The student can interpret and de  | scribe the insights and observat   | ions.                            |  |  |
| Assumptions and objectives of the course:<br>Providing the students with a knowledge that is necessary for an application and theoretical skills of preparation as well as<br>auditing in a production and service organization. An indication of the domains which are responsible for the system<br>improvement and systems identification in the context of pro quality activities, customer satisfaction, internal and external<br>stakeholders and interested parties.<br>Study outcomes and reference to the educational results for a field of study<br>Knowledge:<br>1. The student knows the concepts: system, process - [K2A_W01, K2A_W12]<br>2. The student knows elements of the system approach to study of quality management systems - [K2A_W01, K2A_W12]<br>3. The student describes the phenomena occurring within the organization, process and product in order to indicate the links<br>and dependencies - [K2A_W01, K2A_W12]<br>4. The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]<br>5. The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]<br>2. The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]<br>5. The student is aware of the importance of the system approach to the study of the quality management system -<br>[K2A_U02, K2A_U06]<br>5. The student is aware of the importance of the system approach to the study of the quality management system -<br>[K2A_K03, K2A_K06]<br>3. He is aware of the system dependencies in organizations - [K2A_K03, K2A_K06]<br>3. He is aware of the system dependencies in organizations - [K2A_K03, K2A_K06]  | 3   | Social  | The student is aware of the impo  | The student is aware of the importance of quality for its receivers and creators of the level. |                                  |  |  |
| <ul> <li>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.</li> <li>Study outcomes and reference to the educational results for a field of study</li> <li>Knowledge: <ol> <li>The student knows the concepts: system, process - [K2A_W01, K2A_W12]</li> <li>The student knows elements of the system approach to study of quality management systems - [K2A_W01, K2A_W12]</li> <li>The student describes the phenomena occurring within the organization, process and product in order to indicate the links and dependencies - [K2A_W01, K2A_W12]</li> <li>The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]</li> </ol> </li> <li>She student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]</li> <li>The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]</li> <li>Social competencies: <ol> <li>The student is aware of the importance of the system approach to the study of the quality management system - [K2A_K03, K2A_K06]</li> <li>He understands the need to work in a team - [K2A_K03, K2A_K06]</li> <li>He understands the need to work in a team - [K2A_K03, K2A_K06]</li> </ol> </li> </ul>   | Assur   | nptions and obi   | ectives of the course:  |  |                                  |  |  |
| 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]         3. 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]   | 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. |   |   |  |                                  |  |  |
| <b>Knowledge:</b> <ol> <li>The student knows the concepts: system, process - [K2A_W01, K2A_W12]</li> <li>The student knows elements of the system approach to study of quality management systems - [K2A_W01, K2A_W12]</li> <li>The student describes the phenomena occurring within the organization, process and product in order to indicate the links and dependencies - [K2A_W01, K2A_W12]</li> <li>The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]</li> <li><b>Skills:</b> <ol> <li>The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]</li> <li>The student has the ability to practically apply a system approach to the study of the quality management system - [K2A_U02, K2A_U06]</li> </ol> </li> <li><b>Social competencies:</b> <ol> <li>The student is aware of the importance of the system approach to the study of the quality management system - [K2A_K03, K2A_K06]</li> <li>He understands the need to work in a team - [K2A_K03, K2A_K06]</li> <li>He is aware of the system dependencies in organizations - [K2A_K03, K2A_K06]</li> </ol> </li> </ol>   | Ka awa  | Study outco   | mes and reference to the  | educational results for a  | a field of study                 |  |  |
| <ol> <li>The student knows the concepts: system, process - [K2A_W01, K2A_W12]</li> <li>The student knows elements of the system approach to study of quality management systems - [K2A_W01, K2A_W12]</li> <li>The student describes the phenomena occurring within the organization, process and product in order to indicate the links and dependencies - [K2A_W01, K2A_W12]</li> <li>The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]</li> <li>Skills:         <ul> <li>The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]</li> <li>The student has the ability to practically apply a system approach to the study of the quality management system - [K2A_U02, K2A_U06]</li> </ul> </li> <li>Social competencies:         <ul> <li>The student is aware of the importance of the system approach to the study of the quality management system - [K2A_K03, K2A_K06]</li> <li>He understands the need to work in a team - [K2A_K03, K2A_K06]</li> <li>He is aware of the system dependencies in organizations - [K2A_K03, K2A_K06]</li> </ul> </li> </ol>   | Know  | ledge:  |   | VOA 1400 10/401  |                                  |  |  |
| <ol> <li>The student knows clements of the system approach to study of quality management systems [R2A_W01, R2A_W12]</li> <li>The student describes the phenomena occurring within the organization, process and product in order to indicate the links and dependencies - [K2A_W01, K2A_W12]</li> <li>The student knows the selected sectoral standards of quality management - [K2A_W01, K2A_W12]</li> <li>Skills:         <ol> <li>The student has the ability to practically apply a system approach to the study of the quality management system - [K2A_U02, K2A_U06]</li> <li>The student is aware of the importance of the system approach to the study of the quality management system - [K2A_K03, K2A_K06]</li> <li>He understands the need to work in a team - [K2A_K03, K2A_K06]</li> <li>He is aware of the system dependencies in organizations - [K2A_K03, K2A_K06]</li> </ol> </li> </ol>  | 1. The student knows the concepts: system, process - [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]   | 3. The s<br>and dep   | student describes the<br>bendencies - [K2A_W                        | phenomena occurring within the c<br>01, K2A_W12]                        | organization, process and produc   | t in order to indicate the links |  |  |
| 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]  | 4. The s  | student knows the sel   | ected sectoral standards of quality                                     | / management - [K2A_W01, K2A   | _W12]                            |  |  |
| <ol> <li>The student is able to interpret phenomena and processes in systemic terms - [K2A_U02, K2A_U06]</li> <li>The student has the ability to practically apply a system approach to the study of the quality management system - [K2A_U02, K2A_U06]</li> <li>Social competencies:         <ol> <li>The student is aware of the importance of the system approach to the study of the quality management system - [K2A_K03, K2A_K06]</li> <li>He understands the need to work in a team - [K2A_K03, K2A_K06]</li> <li>He is aware of the system dependencies in organizations - [K2A_K03, K2A_K06]</li> </ol> </li> </ol>  | Skills:   |   |   |  | o.t. (100]                       |  |  |
| Social competencies:<br>1. The student is aware of the importance of the system approach to the study of the quality management system -<br>[K2A_K03, K2A_K06]<br>2. He understands the need to work in a team - [K2A_K03, K2A_K06]<br>3. He is aware of the system dependencies in organizations - [K2A_K03, K2A_K06]  | 1. The s<br>2. The s  | student is able to inte<br>student has the ability<br>02, K2A, U061 | rpret phenomena and processes in<br>to practically apply a system apply | n systemic terms - [K2A_U02, K<br>roach to the study of the quality r                          | 2A_006J<br>nanagement system -   |  |  |
| <ol> <li>The student is aware of the importance of the system approach to the study of the quality management system -<br/>[K2A_K03, K2A_K06]</li> <li>He understands the need to work in a team - [K2A_K03, K2A_K06]</li> <li>He is aware of the system dependencies in organizations - [K2A_K03, K2A_K06]</li> </ol>  | Social  | competencies:   |   |  |                                  |  |  |
| <ol> <li>He understands the need to work in a team - [K2A_K03, K2A_K06]</li> <li>He is aware of the system dependencies in organizations - [K2A K03. K2A K06]</li> </ol>  | 1. The s<br>[K2A_K  | student is aware of th<br>03, K2A_K06]                              | e importance of the system approa                                       | ach to the study of the quality ma   | anagement system -               |  |  |
| 3. He is aware of the system dependencies in organizations - IK2A K03. K2A K061   | 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   |       |               |  |  |  |
|--|-------|---------------|--|--|--|
| Formative assessment:  |       |               |  |  |  |
| Laboratories: on the basis of a current progress assessment while doing certain tasks  |       |               |  |  |  |
| Lectures: on the basis of the answers to questions about the material covered in previous lectures.  |       |               |  |  |  |
|  |       |               |  |  |  |
| 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.  |       |               |  |  |  |
| Laboratories: a report on the performed exercise. Credits will be given in 14-15 week of a semester  |       |               |  |  |  |
| Course description   |       |               |  |  |  |
| 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 |       |               |  |  |  |
| Basic bibliography:  |       |               |  |  |  |
|  |       |               |  |  |  |
|  |       |               |  |  |  |
|  |       |               |  |  |  |
| Additional bibliography:   |       |               |  |  |  |
|  |       |               |  |  |  |
|  |       |               |  |  |  |
| Result of average student's workload   |       |               |  |  |  |
| Activity   |       | Time (working |  |  |  |
|  |       | hours)        |  |  |  |
| 1. Lecture   |       | 15            |  |  |  |
| 2. Classes   | 15    |               |  |  |  |
| 3. Preparation for classes   | 20    |               |  |  |  |
| 4. Consultations   | 7     |               |  |  |  |
| 5. Preparations for an exam  | 15    |               |  |  |  |
| 6. Final exam  | 3     |               |  |  |  |
| Student's workload   |       |               |  |  |  |
| Source of workload   | hours | ECTS          |  |  |  |
| Total workload   | 75    | 3             |  |  |  |
| Contact hours  | 40    | 1             |  |  |  |
| Practical activities   | 15    | 0             |  |  |  |