QUALITY MANAGEMENT

Name of Course:	
Course Code:	MSB449ANVM, MSB449ANMI
Semester:	2nd 6th
Number of Credits:	3
Allotment of Hours per Week:	2 lectures
Evaluation:	Exam (with grade)
Prerequisites:	-
Instructors:	**Krisztián SZŰCS, assistant teacher**
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Introduction, Learning Outcomes

The course focuses on the concept of "quality" and the way it appears concerning products and services. Highlighted topics are:

- The system of quality management quality assurance as an approach
- Subjects of quality management systems
- Optimization of the allocation of organizational resources and the improvement of relevant processes
- Methodology of measuring quality
- Quality assurance standards and the harmonization of EU guidelines
- Quality assurance documentation
- Quality management model as a whole

General Course Description and Main Content:

The purpose of the class is to introduce the way quality oriented approach should be implemented in engineering practice; the way quality, quality assurance and quality management appears in technical development processes and in the general technological fields; how non-special innovative developing projects can be supported via professional quality-centered practices.

Methodology:

The presentations give an introduction to the above mentioned topics. Tutorials will cover some practice of the topic and some additional practical topics.

Assignments and requirements will be handed out according to the topic, which will be uploaded to the course's **Neptun Meet Street / MS Teams** platform along with the lecture materials and aids. Information related to the subject is also available on these platforms.

Schedule:

Study period in 14 weeks:

DATE	WEEK	[QUALITY MANAGEMENT]	REFERENCES
2024.02.06	1.	**Orientation week**	
2024.02.13	2.	**Registration, requirements, introduction**	
2024.02.20	3.	Project management: communication I.	Presentation 1.
2024.02.27	4.	Project management: communication II.	Presentation 2.
2024.03.05	5.	Project management: motivation	Presentation 3.
2024.03.12	6.	The terminology of the enterprises	Presentation 4.
2024.03.19	7.	The introduction of the different company functions.	Szűcs (2019, 2020)
2024.03.26	8.	The study of its external and internal environment.	Presentation 5.
2024.04.02	9.	**Spring break**	
2024.04.09	10.	The basic terms of innovation-; strategy; innovation chain	Presentation 6.
2024.04.16	11.	Logistics and production	Presentation 7.
2024.04.23	12.	The main fields of project finance	Presentation 8.
2024.04.30	13.	Static return on investment calculations	Presentation 9.
2024.05.07	14.	Dynamic return on investment calculations	Presentation 10.
2024.05.14	15.	**Presentation retake**	

Attendance:
Attending is required all classes and will impact the grade (max. 10%). Unexcused absences will adversely affect the grade, and in case of absence from more than 30% of the total number of lesson will be grounds for failing the class. To be in class at the beginning time and stay until the scheduled end of the lesson is required, tardiness of more than 20 minutes will be counted as an absence. In the case of an illness or family emergency, the student must present a valid excuse, such as a doctor's note.

Evaluation + Grading
The final mark is based on the performed presentations. In all cases. Annex 5 of the Statutes of the University of Pécs, the Code of Studies and Examinations (CSE) of the University of Pécs shall prevail. https://english.mik.pte.hu/codes-and-regulations

Grading scale
85 – 100 p   85 % …100 % (5, excellent,sehr gut)
71 – 84 p   70 % ... 85 % (4, good, gut)
56 – 70 p   55 % ... 70 % (3, avarage, befriedigend)
41 – 55 p   40 % ... 55 % (2, satisfactory, genügend)
0 p – 40 p   0 % ... 40 % (1, fail, ungenügend)

Students with special needs:
Students with special physical needs and requiring special assistance must first register with the Dean of the Students Office. All reasonable requests to provide an equal learning environment for all students is to be assured.

Readings and reference materials

- Class notes, guides, examples, uploaded presentations

- Szűcs Krisztián (2020): CAN ONLINE PRESENCE GIVE COMPANIES A COMPETITIVE EDGE? Pollack Periodica: An International Journal for Engineering and Information Sciences 15 : 3 pp. 26-36., 11 p. Link: https://akjournals.com/view/journals/606/15/3/article-p26.xml

- Szűcs Krisztián (2019): COMPETITIVENESS OF SMALL ENTERPRISES IN THE ONLINE SPACE AMONG THE HUNGARIAN COMPANIES. Analecta Technica Szegedinensia, Vol. 13., No. 2. Link: http://www.analecta.hu/index.php/analecta/article/view/31899/32311

We reserve the right to make changes to the details of this course syllabus (date / location / clarifications), which will be communicated to the students. In case of questions and problems that arise during the semester contact the responsible lecturer or the study program coordinator.

Pécs, 2024.02.01.   Krisztián Szűcs
                                                                lecturer