# GDAŃSK UNIVERSITY OF TECHNOLOGY

## Subject card

| Subject name and code | NORMATIVE QUALITY MANAGEMENT SYSTEMS, PG_00061616 | | | | | |
|---|---|---|---|---|---|---|
| Field of study | Management, Management | | | | | |
| Date of commencement of studies | October 2024 | | Academic year of realisation of subject | | 2024/2025 | |
| Education level | second-cycle studies | | Subject group | | Optional subject group / Subject group related to scientific research in the field of study | |
| Mode of study | Part-time studies | | Mode of delivery | | at the university | |
| Year of study | 1 | | Language of instruction | | Polish | |
| Semester of study | 2 | | ECTS credits | | 3.0 | |
| Learning profile | general academic profile | | Assessment form | | assessment | |
| Conducting unit | Department of Management Engineering and Quality -> Faculty of Management and Economics | | | | | |
| Name and surname of lecturer (lecturers) | Subject supervisor | | dr hab. inż. Piotr Grudowski | | | |
| | Teachers | | dr Mateusz Muchlado | | | |
| | | | dr hab. inż. Piotr Grudowski | | | |

| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
|---|---|---|---|---|---|---|---|
| | Number of study hours | 8.0 | 16.0 | 0.0 | 0.0 | 0.0 | 24 |
| | E-learning hours included: 0.0 | | | | | | |

| Learning activity and number of study hours | Learning activity | Participation in didactic classes included in study plan | Participation in consultation hours | Self-study | SUM |
|---|---|---|---|---|---|
| | Number of study hours | 24 | 4.0 | 47.0 | 75 |

| Subject objectives | Interprets the requirements of key normative quality management systems, using them to design their implementation in the organization |
|---|---|

| Learning outcomes | Course outcome | Subject outcome | Method of verification |
|---|---|---|---|
| | [K7_K02] makes competent and ethical decisions, taking care of the public interest and maintaining economic, social and environmental values | makes decisions on the implementation of improvements in the quality management system, taking care of the public interest and maintaining economic, social and environmental values | [SK5] Assessment of ability to solve problems that arise in practice |
| | [K7_W05] takes into account in the analyzes in an in-depth way both the economic, legal and ethical context, being aware of the responsibility for the consequences of its decisions | analyzes in-depth processes in the organization in the context of normative quality management, using the results of analyzes to make responsible decisions | [SW1] Assessment of factual knowledge |

| Subject contents | Quality, its definitions, aspects and meaning. Other basic concepts TQM concept as the basis of management systems <br> Models of excellence as the basis for self-assessment of the organization <br> Industry quality systems, legal conditions of product quality <br> Quality system model according to ISO 9001 <br> structure. Requirements Process orientation in management systems <br> Basic tools for process evaluation and improvement <br> Control cards <br> Qualitative capability analysis <br> Acceptance control |
|---|---|

| Prerequisites and co-requisites | |
|---|---|

| Assessment methods and criteria | Subject passing criteria | Passing threshold | Percentage of the final grade |
|---|---|---|---|
| | Tests in the semester | 60.0% | 50.0% |
| | Project | 60.0% | 50.0% |

| Recommended reading | Basic literature | Grudowski P., Przybylski W., Siemiątkowski M. (red. W. Przybylski) Inżynieria jakości w technologii maszyn, Wydawnictwo PG, 2006<br>Grudowski P. Projektowanie, nadzorowanie i doskonalenie systemu jakości według normy PN-EN ISO 9001:2009 w oparciu o podejście procesowe, ODDK, Gdańsk 2010<br>Grudowski P. Jakość, środowisko i bhp w systemach zarządzania. Bydgoszcz: Wydawnictwo OPO-AJG, 2004 |
| | Supplementary literature | Hamrol A. Mantura W. Zarządzanie jakością. Teoria i praktyka. PWN, Warszawa 2005<br>Muhlemann A. P., Oakland J. S., Lockyer K. G.: Zarządzanie. Produkcja i usługi, Wydawnictwo Naukowe PWN, Warszawa 1997<br>Pająk E.: Zarządzanie produkcją. Produkt, technologia, organizacja, PWN, Warszawa, 2006<br>Problemy Jakości - miesięcznik, wydawca SIGMA-NOT |
| | eResources addresses | Adresy na platformie eNauczanie:<br>Normatywne Systemy Zarządzania (24/25) NS/ONLINE -  Moodle ID: 45048<br>https://enauczanie.pg.edu.pl/moodle/course/view.php?id=45048 |
| Example issues/ example questions/ tasks being completed | Modeling the processes of a given organization<br>Development of system procedures<br>Development of process metrics | |
| Work placement | Not applicable | |

Document generated electronically. Does not require a seal or signature.