



Subject card

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| Subject name and code | QUALITY MANAGEMENT, PG_00061185 | | | | | | |
| Field of study | Management | | | | | | |
| Date of commencement of studies | October 2023 | Academic year of realisation of subject | | | 2024/2025 | | |
| Education level | first-cycle studies | Subject group | | | Obligatory subject group in the field of study Subject group related to scientific research in the field of study | | |
| Mode of study | Full-time studies | Mode of delivery | | | at the university | | |
| Year of study | 2 | Language of instruction | | | English | | |
| Semester of study | 4 | ECTS credits | | | 4.0 | | |
| Learning profile | general academic profile | Assessment form | | | exam | | |
| 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 inż. Ewa Marjańska mgr Anna Wendt dr hab. inż. Piotr Grudowski | | | | | |
| Lesson types and methods of instruction | Lesson type | Lecture | Tutorial | Laboratory | Project | Seminar | SUM |
| | Number of study hours | 30.0 | 15.0 | 0.0 | 0.0 | 0.0 | 45 |
| | 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 | 45 | 8.0 | | 47.0 | | 100 |
| Subject objectives | Uses modern methods of ensuring the quality of processes carried out in various organizations, taking into account economic and environmental criteria | | | | | | |
| Learning outcomes | Course outcome | Subject outcome | | | Method of verification | | |
| | [K6_U05] designs innovative solutions to difficult problems, achieving economic and socially valuable results | designs innovative quality assurance systems based on modern methods | | | [SU4] Assessment of ability to use methods and tools | | |
| | [K6_W05] integrates data from many sources to analyze complex problems of modern management | integrates data from many sources in analyzing and evaluating activities aimed at ensuring the quality of implemented processes | | | [SW1] Assessment of factual knowledge | | |
| Subject contents | Quality - its definitions and aspects Other basic terms related to quality management TQM as the basis for management systems Models of excellence as the a self-assessment tool Legal aspects of product quality QMS according to ISO 9001. Structure. Requirements Process orientation in management systems Basic tools of process assessment and improvement Costs of quality Other normative management systems (environment, OHS,) Integration of management systems | | | | | | |
| Prerequisites and co-requisites | | | | | | | |
| Assessment methods and criteria | Subject passing criteria | Passing threshold | | | Percentage of the final grade | | |
| | Written exam | 60.0% | | | 60.0% | | |
| | Presentation | 60.0% | | | 40.0% | | |

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| Recommended reading | Basic literature | Beckford John, Quality Management: Reconsidered for the Digital Economy, Taylor & Francis, 2022 Deming E.W.: Out of the crisis. Cambridge: Massachusetts Institute of Technology 1982 |
| | Supplementary literature | Blokdyk Gerardus Quality Management a Complete Guide - 2019 Edition, Emereo Pty Limited, 2018 Defeo, J.A. and Juran, J.M., Juran's Quality Handbook: The Complete Guide to Performance Excellence, McGraw-Hill Education, 2010 |
| | eResources addresses | Adresy na platformie eNauczanie: Quality Management 2024/2025 summer semester - Moodle ID: 43991 https://enauzanie.pg.edu.pl/moodle/course/view.php?id=43991 |
| Example issues/ example questions/ tasks being completed | Basic principles of TQM Structure and requirements of standards for quality management systems Development trends in QM | |
| Work placement | Not applicable | |

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