



Subject card

|   |   |  |   |                                     |   |  |     |
|---|---|--|---|-------------------------------------|---|--|-----|
| Subject name and code                       | Management of IT Resources in the Enterprise, PG_00044763   |  |   |                                     |   |  |     |
| Field of study                              | Engineering Management  |  |   |                                     |   |  |     |
| Date of commencement of studies             | October 2022  | Academic year of realisation of subject                  |   |                                     |   | 2023/2024  |     |
| Education level                             | first-cycle studies   | Subject group  |   |                                     |   | Obligatory subject group in the field of study<br>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                               | 2   | Language of instruction                                  |   |                                     |   | Polish   |     |
| Semester of study                           | 3   | ECTS credits   |   |                                     |   | 4.0  |     |
| Learning profile                            | general academic profile  | Assessment form  |   |                                     |   | exam   |     |
| Conducting unit                             | Department of Informatics in Management -> Faculty of Management and Economics  |  |   |                                     |   |  |     |
| Name and surname of lecturer (lecturers)    | Subject supervisor  |  | dr inż. Magdalena Ciesielska  |                                     |   |  |     |
|   | Teachers  |  | dr inż. Magdalena Ciesielska  |                                     |   |  |     |
| Lesson types and methods of instruction     | Lesson type   | Lecture  | Tutorial  | Laboratory                          | Project   | Seminar  | SUM |
|   | Number of study hours   | 8.0  | 0.0   | 8.0                                 | 0.0   | 0.0  | 16  |
|   | 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   | 16   |   | 8.0                                 |   | 76.0   | 100 |
| Subject objectives                          | The aim of the course is to acquire knowledge about IT resource management in modern enterprise. The student will acquire knowledge about modern technologies and its use in the enterprise as well as basic knowledge in the field of human resource management, IT, infrastructure management, IT service management and the legal implications of implementing new technology in the enterprise. |  |   |                                     |   |  |     |
| Learning outcomes                           | Course outcome  |  | Subject outcome   |                                     | Method of verification  |  |     |
|   | [K6_U09] obtains data for analysis and interpretation of results using information technology   |  | The student knows how to obtain data for analyze IT resources in enterprise with using information technology IT.                         |                                     | [SU1] Assessment of task fulfilment   |  |     |
|   | [K6_U12] can design the process of exploitation of production and IT infrastructure with the use of appropriate methods, techniques and tools   |  | The student is able to design the process of operating IT resources with using appropriate methods, techniques and tools.                 |                                     | [SU4] Assessment of ability to use methods and tools<br>[SU1] Assessment of task fulfilment<br>[SU5] Assessment of ability to present the results of task<br>[SU2] Assessment of ability to analyse information |  |     |
|   | [K6_W12] has a basic knowledge of production management and occupational safety and ergonomics management, as well as information technologies necessary for engineering management   |  | The student possesses a fundamental knowledge of IT asset management and IT technologies necessary in the field of engineering management |                                     | [SW2] Assessment of knowledge contained in presentation<br>[SW3] Assessment of knowledge contained in written work and projects   |  |     |

|  |  |  |                               |
|--|--|--|-------------------------------|
| Subject contents   | 1. Information Systems<br>2. IT assets<br>3. Networks and telecommunications<br>4. Databases and data warehouses<br>5. IT technologies and platforms<br>6. IT services<br>7. IT processes<br>8. Strategic IT |  |                               |
| Prerequisites and co-requisites                                | none   |  |                               |
| Assessment methods and criteria                                | Subject passing criteria   | Passing threshold  | Percentage of the final grade |
|  | Laboratory   | 60.0%  | 50.0%                         |
|  | Lecture  | 60.0%  | 50.0%                         |
| Recommended reading  | Basic literature   | M. Pańkowska, Zarządzanie zasobami informatycznymi. Difin. Warszawa 2001. Ciesielska, M., & Musiatowicz-Podbiat, G. (2021). <i>Zarys problematyki zarządzania zasobami informatycznymi w przedsiębiorstwie</i> . Wydawnictwo Politechniki Gdańskiej.   |                               |
|  | Supplementary literature   | Arkadiusz Januszewski; Funkcjonalność Informatycznychsystemów zarządzania - Zintegrowane systemy transakcyjne; PWN W-wa 2008<br>Jerzy Kisielnicki, Zarządzanie i Informatyka" Placet 2014<br>Kenneth C. Laudon and Jane Price Laudon, ManagementInformation Systems. Managing the Digital Firm, 12th Edition, Pearson Education Ltd. 2014. |                               |
|  | eResources addresses   | Adresy na platformie eNauczenie:<br>Zarządzanie zasobami IT NS 2023/24 - Moodle ID: 31239<br><a href="https://enauczenie.pg.edu.pl/moodle/course/view.php?id=31239">https://enauczenie.pg.edu.pl/moodle/course/view.php?id=31239</a>   |                               |
| Example issues/<br>example questions/<br>tasks being completed | assign correct IT strategy model. Identify SLA parameters. Estimate TCO, CAPEX/OPEX. Choose the correct business model fo IT service delivery: Saas, laaS, PaaS.   |  |                               |
| Work placement   | Not applicable   |  |                               |

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