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| FACULTY: | Koszalin University of Technology  Faculty of Economic Sciences |
| FIELD OF STUDY: | **Economics**  **Management**  **Tourism and Recreation**  **Finances and Accounting**  **Logistics** |
| ERASMUS COORDINATOR OF THE FACULTY: | Małgorzata Czerwińska-Jaśkiewicz |
| E-MAIL ADDRESS OF THE COORDINATOR: | malgorzata.czerwinska@tu.koszalin.pl |
| COURSE TITLE: | **PROCUREMENT LOGISTICS** |
| LECTURER’S NAME: | Artur Skrzycki |
| E-MAIL ADDRESS OF THE LECTURER: | artur.skrzycki@tu.koszalin.pl |
| ECTS POINTS FOR THE COURSE: | 3 |
| COURSE CODE (USOS): | 0621>3200-LZaop |
| ACADEMIC YEAR: | 2024/2025 |
| SEMESTER:  (W – winter, S – summer) | S |
| HOURS IN SEMESTER: | 75 |
| LEVEL OF THE COURSE:  (1st cycle, 2nd cycle, 3rd cycle) | 1st |
| TEACHING METHOD:  (lecture, laboratory, group tutorials, seminar, other-what type?) | Lecture, group tutorials |
| LANGUAGE OF INSTRUCTION: | **English full time scheme for classes with 5 and more international Erasmus+ students enrolled/accepted;**  **English 50% individually with the teacher + Polish 50% with Polish students or individual project work- scheme for classes with less than 5 international Erasmus+ students enrolled/ accepted** |
| ASSESSMENT METHOD:  (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?) | written exam (lecture)  written reports, presentation, continuous assessment (group tutorials) |
| COURSE CONTENT: | The place of logistics in the supply chain - the essence of logistics management, phases of material flows, logistical integration of activities. Concept of delivery - history of origin, information system between supplier and recipient, basic implementation conditions. Material Requirements Planning (MRP) system concept - inventory control models, functions and objectives, MRP I-III, Distribution Requirements Planning (DRP). Supplier selection procedures - strategic and critical material suppliers, standard material suppliers. Demand forecasting methods - forecast error measurement, moving average, Brown's model. Order processing process - supply management, transportation organization, single and combined deliveries, deliveries through a center. Inventory control models - inventory level model, fixed order cycle model, "s, S" model, combining models. Special cases of inventory control - group material ordering, considering inflation factor, purchase discounts. |
| ADDITIONAL INFORMATION: |  |

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