|  |  |
| --- | --- |
| FACULTY: | Department of Mechanical Engineering |
| FIELD OF STUDY: | Transport |
| ERASMUS COORDINATOR OF THE  FACULTY: | Dr hab. inż. Agnieszka Kułakowska, Prof. PK |
| E-MAIL ADDRESS OF THE  COORDINATOR: | [agnieszka.kulakowska@tu.koszalin.pl](mailto:agnieszka.kulakowska@tu.koszalin.pl) |
| COURSE TITLE: | Operational Researches |
| LECTURER’S NAME: | Dr hab. inż. Agnieszka Kułakowska, Prof. PK |
| E-MAIL ADDRESS OF THE LECTURER: | [agnieszka.kulakowska@tu.koszalin.pl](mailto:agnieszka.kulakowska@tu.koszalin.pl) |
| COURSE CODE (USOS): | 10 |
| ECTS POINTS FOR THE COURSE: | 4 ECTS |
| ACADEMIC YEAR: | 2023/2024 |
| SEMESTER:  (W – winter, S – summer) | W |
| HOURS IN SEMESTER: | 15+15 |
| LEVEL OF THE COURSE:  (1st cycle, 2nd cycle, 3rd cycle) | 1st cycle |
| TEACHING METHOD:  (lecture, laboratory, group tutorials, seminar, other-what type?) | Lecture, practice |
| LANGUAGE OF INSTRUCTION: | English |
| ASSESSMENT METOD:  (written exam, oral exam, class test, written  reports, project work, presentation, continuous assessment, other – what type?) | Written exam |
| COURSE CONTENT: | Geometric method, simplex method, transport problem, upper-left corner method, smallest element method, VAM method, e-perturbation method, potential method, optimisation of processes, mathematical model, research object, results analysis, real problems in scientific environments |
| ADDITIONAL INFORMATION: |  |

………………………………………………………………..