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| FACULTY: | Department of Mechanical Engineering |
| FIELD OF STUDY: | Mechanics and Machine Building |
| ERASMUS COORDINATOR OF THE FACULTY: | Prof. nadzw. dr hab. inż. Agnieszka Kułakowska |
| E-MAIL ADDRESS OF THE COORDINATOR: | agnieszka.kulakowska@tu.koszalin.pl |
| COURSE TITLE: | Basic of experimental researches |
| LECTURER'S NAME: | Prof. nadzw. dr hab. inż. Agnieszka Kułakowska |
| E-MAIL ADDRESS OF THE LECTURER: | agnieszka.kulakowska@tu.koszalin.pl |
| ECTS POINTS FOR THE COURSE: | 3 ECTS |
| ACADEMIC YEAR: | 2021/2022 |
| SEMESTER: (W – winter, S – summer) | S |
| HOURS IN SEMESTER: | 15+15 |
| LEVEL OF THE COURSE: (1 st cycle, 2 nd cycle, 3 rd cycle) | 1 st cycle |
| TEACHING METHOD: (lecture, laboratory, group tutorials, seminar, other-what type?) | Lecture + Practise |
| 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: | Determining factors for the entrance test object - preliminary planning. Plans reconnaissance. The mathematical model of the test object. Identification of objects multivariate regression analysis. Identification of multi-dimensional objects using factor analysis - two-storey and three-level appropriate plans for experiments. Composite plans a five experiments. Calculations in STATISTICA and EPLANNER. |
| ADDITIONAL INFORMATION: | |

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