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| FACULTY: | Department of Mechanical Engineering |
| FIELD OF STUDY: | Mechanics and Machine Building |
| 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: | Surface technology |
| LECTURER’S NAME: | Prof. Krzysztof Rokosz |
| E-MAIL ADDRESS OF THE LECTURER: | [krzysztof.rokosz@tu.koszalin.pl](mailto:krzysztof.rokosz@tu.koszalin.pl) |
| COURSE CODE (USOS): | 9S |
| ECTS POINTS FOR THE COURSE: | 3 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 + laboratory |
| LANGUAGE OF INSTRUCTION: | English, Polish, (separate group with English depends from number of the incoming students) |
| ASSESSMENT METOD:  (written exam, oral exam, class test, written  reports, project work, presentation, continuous assessment, other – what type?) | Written exam |
| COURSE CONTENT: | Metals and alloys used in Engineering; Iron-carbon diagram; Pourbaix graphs; Corrosion Problems; Method of corrosion protection; Corrosion measurements; Electrochemical polishing and passivation of metals and alloys; Surface preparation for protection coatings;  Galvanic coatings; Paint coatings; Conversion coatings. |
| ADDITIONAL INFORMATION: |  |

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