

| | |
|---|---|
| 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 |
| COURSE TITLE: | Surface technology |
| LECTURER'S NAME: | Prof. Krzysztof Rokosz |
| E-MAIL ADDRESS OF THE LECTURER: | 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: (1 st cycle, 2 nd cycle, 3 rd cycle) | 1 st cycle |
| TEACHING METHOD: (lecture, laboratory, group tutorials, seminar, other-what type?) | Lecture + laboratory |
| LANGUAGE OF INSTRUCTION: | <ul style="list-style-type: none"> • 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 |
| 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: | |

.....