

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:	Surface technology
LECTURER'S NAME:	Prof. Krzysztof Rokosz
E-MAIL ADDRESS OF THE LECTURER:	krzysztof.rokosz@tu.koszalin.pl
ECTS POINTS FOR THE COURSE:	3 ECTS
ACADEMIC YEAR:	2020/2021
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:	English
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:	

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