

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
COURSE TITLE:	Basis of engineering researches
LECTURER'S NAME:	Dr hab. inż. Agnieszka Kułakowska, Prof. PK
E-MAIL ADDRESS OF THE LECTURER:	agnieszka.kulakowska@tu.koszalin.pl
COURSE CODE (USOS):	9S
ECTS POINTS FOR THE COURSE:	3 ECTS
ACADEMIC YEAR:	2025/2026
SEMESTER: (W – winter, S – summer)	S
HOURS IN SEMESTER:	15
LEVEL OF THE COURSE: (1 <sup>st</sup> cycle, 2 <sup>nd</sup> cycle, 3 <sup>rd</sup> cycle)	1 <sup>st</sup> cycle
TEACHING METHOD: (lecture, laboratory, group tutorials, seminar, other-what type?)	Project
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:	Introduction to experimental research planning. Determining the variation interval of factors tested. Adoption of class mathematical model. Coding of the factors examined. Implementation of proper research. Statistical analysis of test results. Decoding the regression function. Features regression underlying factors. Analysis of the test results..
ADDITIONAL INFORMATION:	

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