

FACULTY:	Faculty of Technology and Education
FIELD OF STUDY:	Mechatronics
ERASMUS COORDINATOR OF THE FACULTY:	Igor Maciejewski
E-MAIL ADDRESS OF THE COORDINATOR:	igor.maciejewski@tu.koszalin.pl
COURSE TITLE:	Calculus of probability and statistics
LECTURER'S NAME:	dr hab. inż. Piotr Stępień, Univ. prof.
E-MAIL ADDRESS OF THE LECTURER:	piotr.stepien@tu.koszalin.pl
ECTS POINTS FOR THE COURSE:	3
ACADEMIC YEAR:	2014/2015
SEMESTER: (W – winter, S – summer)	W/S
HOURS IN SEMESTER:	30 +15=45
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?)	Lectures (30h), Classes (15h)
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:	Base of combinatorics; The concept of probability and the base theorems; Random variables and distributions (discrete and continuous); Population and sample part; Descriptive statistics; Correlation and regression; Statistical Inference; Confidence intervals and hypothesis testing for means, variances and proportions.
ADDITIONAL INFORMATION:	-