

FACULTY:	Faculty of Electronics and Computer Science
FIELD OF STUDY:	Computer Science
ERASMUS COORDINATOR OF THE FACULTY:	Robert Wirski, PhD
E-MAIL ADDRESS OF THE COORDINATOR:	<a href="mailto:robert.wirski@tu.koszalin.pl">robert.wirski@tu.koszalin.pl</a>
COURSE TITLE:	Probability and Statistics
LECTURER'S NAME:	Dariusz Jakóbczak, PhD
E-MAIL ADDRESS OF THE LECTURER:	dariusz.jakobczak@tu.koszalin.pl
ECTS POINTS FOR THE COURSE:	6.0
ACADEMIC YEAR:	2021/2022
SEMESTER: (W – winter, S – summer)	W
HOURS IN SEMESTER:	60
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?)	Lecture – 30h  Group tutorials – 30h
LANGUAGE OF INSTRUCTION:	English
ASSESSMENT METHOD: (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?)	written exam, class test
COURSE CONTENT:	Classical probability (combinatorics, conditional probability, Bayes rule, Bernoulli schema), geometrical probability, discrete random variable (ordinary moments and central moments), discrete probability distribution (uniform, Bernoulli, Poisson, geometric, hyper-geometric), continuous random variable (density and probability distribution function), continuous probability distribution (exponential, Gauss, Cauchy, Rayleigh, Maxwell, Laplace, Weibull, beta), two-dimensional random variable, Pearson correlation, mediana, quantiles, histogram, graphs,

	averages, asymmetry, curtosis, statistical methods, level of trust.
ADDITIONAL INFORMATION:	

.....  
/sporządził, data/