

Course title:	Applied Statistics for Engineers
Institute/Division:	Institute of Mathematics, Faculty of Physics, Mathematics and Computer Science
Course code:	
Erasmus subject code:	11.2 Statistics
Number of contact hours:	45 hours
Course duration:	1 semester
ECTS credits:	6
Course description:	This course planned for 30 hrs is designed for engineers and is based on more than 10 years teacher's experience of providing such class for engineers at University of California. The topics include: regression modelling, reliability, analysis of variance. One of the best English textbook in the world for such class is of Mendenhall "Probability and Statistics for Engineers". The focus of the class will be on applications, problem-related concepts and computer driven data analysis. The level is intermediate and elementary probability and statistics course is a prerequisite.
Literature:	Mendenhall, "Probability and Statistics for Engineers"
Course type:	Lectures, classes
Assessment method:	Two tests during the semester, final exam
Prerequisites:	elementary probability and statistics
Primary target group:	Computer Science, Engineering Sciences, I level
Lecturer:	Jacek Leńkow, PhD
Contact person:	Jacek Leńkow , e-mail: jleskow@pk.edu.pl
Deadline for application:	15th of September