

FACULTY:	Faculty of Technology and Education
FIELD OF STUDY:	Mechatronics
ERASMUS COORDINATOR OF THE FACULTY:	Igor Maciejewski, DSc, PhD
E-MAIL ADDRESS OF THE COORDINATOR:	igor.maciejewski@tu.koszalin.pl
COURSE TITLE:	Introduction to mechatronics
LECTURER'S NAME:	dr hab. inż. Igor Maciejewski, DSc, PhD
E-MAIL ADDRESS OF THE LECTURER:	igor.maciejewski@tu.koszalin.pl
ECTS POINTS FOR THE COURSE:	3
ACADEMIC YEAR:	2014/2015
SEMESTER: (W – winter, S – summer)	W/S
HOURS IN SEMESTER:	30
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?)	Classes
LANGUAGE OF INSTRUCTION:	English
ASSESSMENT METOD: (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?)	Class test
COURSE CONTENT:	Working principle of simple mechatronic systems; Direct and inverse kinematics of multi-body systems; Evaluation of the workspace and configuration variables of simple mechatronic systems; Modelling of multi-body system dynamics; Numerical analysis of simple mechatronic system dynamics.
ADDITIONAL INFORMATION:	-