

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:	Metrology Fundamentals
LECTURER'S NAME:	Jarosław Kraśniewski, PhD
E-MAIL ADDRESS OF THE LECTURER:	jaroslaw.krasniewski@tu.koszalin.pl
ECTS POINTS FOR THE COURSE:	3
ACADEMIC YEAR:	2021/2022
SEMESTER: (W – winter, S – summer)	S
HOURS IN SEMESTER:	30
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
LANGUAGE OF INSTRUCTION:	English
ASSESSMENT METHOD: (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?)	Written exam
COURSE CONTENT:	The lecture features the following topics: definition of object, information, system, standard, error. Explanation of rules applied during measurements. Description of measuring tools and devices (e.g. Wheatstone and Thompson bridge, ammeter, voltmeter). Measurements of power in DC and AC (1-phase and 3-phase) networks.
ADDITIONAL INFORMATION:	Finished courses: theory of signals and networks

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