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:	robert.wirski@tu.koszalin.pl
COURSE TITLE:	Computational Intelligence
LECTURER'S NAME:	Adam Słowik, DSc, PhD
E-MAIL ADDRESS OF THE LECTURER:	adam.slowik@tu.koszalin.pl
ECTS POINTS FOR THE COURSE:	6
ACADEMIC YEAR:	2021/2022
SEMESTER: (W – winter, S – summer)	S
HOURS IN SEMESTER:	45
LEVEL OF THE COURSE: (1st cycle, 2nd cycle, 3rd cycle)	1st cycle
TEACHING METHOD: (lecture, laboratory, group tutorials, seminar, other-what type?)	Lecture – 30h Group tutorials – 15h
LANGUAGE OF INSTRUCTION:	English
ASSESSMENT METHOD: (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?)	project work or written exam (depends on the student preferences)
COURSE CONTENT:	fuzzy logic, fuzzy sets, fuzzy control, fuzzification, defuzzification, fuzzy inference, model of artificial neuron, artificial neural networks, training of simple neuron, building of complex artificial neural networks, error back-propagation algorithm, practical applications of fuzzy control, practical applications of artificial neural networks.
ADDITIONAL INFORMATION:	materials for teaching – English books from computational intelligence topics, development environment and programming language depends on the student preferences.

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