

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:	Computer Systems for Multimedia, Buildings and Vehicles - project
LECTURER'S NAME:	Paweł Poczekajło, PhD
E-MAIL ADDRESS OF THE LECTURER:	pawel.poczekajlo@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 st cycle, 2 nd cycle, 3 rd cycle)	1 st cycle
TEACHING METHOD: (lecture, laboratory, group tutorials, seminar, other-what type?)	project
LANGUAGE OF INSTRUCTION:	English
ASSESSMENT METHOD: (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?)	project work and written reports
COURSE CONTENT:	<p>Realisation of a project with elements:</p> <ul style="list-style-type: none"> - Selected microcontroller (i.e. AVR, ARM, FPGA), - Human-Machine Interface (control/display devices), - Sensor devices, - Working devices (i.e. relays, DC or stepper motors),

	<ul style="list-style-type: none"> - IoT systems, - Data interfacing and they analyse, - Wireless communication (i.e. WiFi, Bluetooth, IR), - Multimedia devices (camera, audio, LCD). - Network services and functions in cloud in control systems
ADDITIONAL INFORMATION:	

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