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| FACULTY: | Faculty of Electronics and Computer Science |
| FIELD OF STUDY: | Electronics and Telecommunications |
| ERASMUS COORDINATOR OF THE FACULTY: | Marcin Walczak, PhD |
| E-MAIL ADDRESS OF THE COORDINATOR: | marcin.walczak@tu.koszalin.pl |
| COURSE TITLE: | Laboratory of metrology fundamentals |
| LECTURER’S NAME: | Marcin Walczak, PhD |
| E-MAIL ADDRESS OF THE LECTURER: | marcin.walczak@tu.koszalin.pl |
| ECTS POINTS FOR THE COURSE: | 2 |
| ACADEMIC YEAR: | 2021/2022 |
| SEMESTER:  (W – winter, S – summer) | W |
| HOURS IN SEMESTER: | 30 |
| LEVEL OF THE COURSE:  (1st cycle, 2nd cycle, 3rd cycle) | 1st cycle |
| TEACHING METHOD:  (lecture, laboratory, group tutorials, seminar, other-what type?) | Laboratory – 30h |
| LANGUAGE OF INSTRUCTION: | English |
| ASSESSMENT METHOD:  (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?) | written reports |
| COURSE CONTENT: | The laboratory features following activities: connecting simple circuits with measurement devices (e.g. ammeter, voltmeter etc.), measuring signal parameters with an oscilloscope, measuring large and small resistance using Thomson bridge, and Wheatstone bridge, making detailed reports related to each exercise. |
| ADDITIONAL INFORMATION: | Requirements: knowledge of complex numbers, electronic symbols, units and basic components (e.g. resistor, capacitor, inductor etc.).  Finished courses: theory of signals and networks |

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