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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 Fundamentals of Power Electronics |
| LECTURER’S NAME: | Aneta Hapka, PhD |
| E-MAIL ADDRESS OF THE LECTURER: | aneta.hapka@tu.koszalin.pl |
| ECTS POINTS FOR THE COURSE: | 3 |
| ACADEMIC YEAR: | 2021/2022 |
| SEMESTER:  (W – winter, S – summer) | W |
| HOURS IN SEMESTER: | 15 |
| LEVEL OF THE COURSE:  (1st cycle, 2nd cycle, 3rd cycle) | 1st cycle |
| TEACHING METHOD:  (lecture, laboratory, group tutorials, seminar, other-what type?) | laboratory |
| 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: measuring signals in DC/DC converters (buck, boost, sepic), measuring parameters of passive components (using RLC bridge), and measuring parameters of active components |
| ADDITIONAL INFORMATION: | Requirements: knowledge of electronic elements and electronic circuits |

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