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| FACULTY: | **Faculty of Mechanical Engineering**  Department of Biomedical Engineering |
| FIELD OF STUDY: | **Biomedical Engineering** |
| ERASMUS COORDINATOR OF THE FACULTY: | Igor Maciejewski, DSc, PhD |
| E-MAIL ADDRESS OF THE COORDINATOR: | igor.maciejewski@tu.koszalin.pl |
| COURSE TITLE: | **Medical equipment laboratory** |
| LECTURER’S NAME: | Przemysław Ceynowa, Ph. D. Eng. |
| E-MAIL ADDRESS OF THE LECTURER: | przemyslaw.ceynowa@gmail.com |
| ECTS POINTS FOR THE COURSE: | 3 |
| 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 METOD:  (written exam, oral exam, class test, written reports, project work, presentation, continuous assessment, other – what type?) | written reports |
| COURSE CONTENT: | Laboratory exercises include the following topics: familiarization with the basics of operation and use of modern diagnostic and therapeutic electronic devices, electrocardiography (ECG), medical ultrasound diagnostics, Doppler sonography and the basics of electromyography (EMG). |
| ADDITIONAL INFORMATION: | Knowledge of physics, mathematics and biology in the basic scope of upper secondary school. |