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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](mailto:igor.maciejewski@tu.koszalin.pl) |
| COURSE TITLE: | **Computer Graphics** |
| LECTURER’S NAME: | dr inż. Radosław Patyk |
| E-MAIL ADDRESS OF THE LECTURER: | [radoslaw.patyk@tu.koszalin.pl](mailto:radoslaw.patyk@tu.koszalin.pl) |
| ECTS POINTS FOR THE COURSE:  COURSE CODE (USOS): | 3 0911>1000-GK |
| ACADEMIC YEAR: | 2022/2023 |
| 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?) | Lectures (15h) + Classes (15h) |
| 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: | 1. Introduction to 2D and 3D computer graphics. Template and prototype drawings, meaning, rules of use (2h)  2. User interface and the basics of CAD software (6 h)  3. Modeling of parts (8h)  4. Modeling of assemblies (8h)  5. Working drawings (6h) |
| ADDITIONAL INFORMATION: | Autocad, Inventor, SolidWorks. |