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| Course name | Information Technology |
| Entity running the course | Department of Interdisciplinary Activities in Ceramics and Glass, Faculty of Ceramics and Glass |
| Entity for which the course has been prepared | Department of Ceramics |
| Course type | Core course, compulsory course. |
| Year of study/semester; Type of studies | Year I, semester I and II; full time bachelor's degree studies |
| ECTS credits | 1 |
| Academic tutor | M.A. Magdalena Gazur |
| Aim of the course | The aim of the course is to prepare the student to use modern information technologies. |
| Prerequisites | None |
| Learning outcomes: | |
| – <i>knowledge</i> | Basic knowledge of the information technology. |
| – <i>skills</i> | The ability of collecting, selecting and digital processing of materials, making presentations containing a text, still images and video. Using the software for searching, archiving, organizing and creating information; the ability to prepare a curriculum vitae and portfolio in a digital form, for the purpose of artistic projects. Knowledge of the methods and techniques of communicating at a distance (e-mail, Skype, googledrive, external servers) and the ability to use them during the cooperation of designers working at a distance on the implementation of a joint project. |
| – <i>personal and social competence</i> | The student can independently use digital information technologies in an orderly and comprehensible manner. |
| Treść zajęć | The principles of the software tools for searching and creating information likely to be used in the work of a designer/ artist. Familiarization with the fundamentals of computer graphics (vector and bitmap graphics - file formats), models of colours: RGB, CMYK, HSV, Lab, CIE. Fundamentals of DTP (offset, screen printing, the concept of raster, especially useful when creating ceramic decals). Preliminary processing and preparation of the pictures for printing (the concept of resolution). Preparation of the materials for on-screen presentations. |
| Course form and number of course hours | Exercises, lectures. |
| Assessment methods and criteria | Criteria of the final assessment: 55% executing assignments / active participation in classes 45% open critique of works |
| Assessment type | Graded pass |
| Literature | http://pl.wikipedia.org/wiki/Technologia_informacyjna „Grafika wektorowa. Szkolenie podstawowe” / <i>Vector graphics. Basic training</i> / Von Glitschka, "Wprowadzenie do grafiki komputerowej" / <i>Introduction to computer graphics</i> / (the authors: James D. Foley, Andries van Dam, Steven K. Feiner, John F. Hughes, Richard L. Phillips), "Elementy grafiki komputerowej" / <i>The elements of computer graphics</i> / Michał Jankowski, 2+3D – a magazine. |
| Teaching aids | - |
| Language of instruction | Polish with the possibility of communicating in English. |