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| Course name | Computer Based Information Processing |
| Entity running the course | Faculty of Interior Architecture and Design |
| Entity for which the course has been prepared | Department of Design |
| Course type | obligatory |
| Year of study / semester, type of studies | Year II, sem. III, full-time bachelor's degree |
| ECTS credits | 1 point ECTS |
| Academic tutor | Sen. lect. Bogdan Kochan, MFA |
| Aim of the course | Advanced knowledge about the process of preparing and producing interactive creations, and multimedia presentations. |
| Prerequisites | General knowledge resulting from secondary education. |
| Learning outcomes: | |
| - knowledge | Student has basic knowledge in the area of preparing presentation materials (graphic file formats, video, animations, text), creating a script, storyboard. Understands the basic rules of perception and viewer's expectations, and is aware of rules of copyright protection. |
| - skills | Student can independently use various tools of image processing. Can edit video recordings using different transitions and effects, make their own soundtrack, add subtitles. Can prepare a film script and create a storyboard based on it. Can convert a film to DVD/BD format and create an active menu. |

- personal and social competence

Course content

Classes are about problems of graphic file formats, video, film editing. Students learn to create video transitions, visual effects, soundtracks, and subtitles. Students learn about different formats of DVD/BD discs and basic rules of creating scripts, storyboards.

Course form and number of course hours

Illustrated lectures, discussions, student presentations; 30 hours per semester.

Assessment methods and criteria

15% participation in classes
10% activity during classes
75% presenting the final work – film with a menu interface, recorded on DVD

Assessment type

Graded pass, „Klatka po klatce. Poznaj tajniki edycji, konwersji i naprawy plików wideo”; Jacek Janusz; Helion;
„Opowiadanie obrazem tworzenie struktury wizualnej w filmie, TV i mediach cyfrowych”; Block Bruce; Wydawnictwo Wojciech Marzec
„Technika montażu filmowego”; Reisz Karel, Millar Gavin; Wydawnictwo Wojciech Marzec
„Jak napisać scenariusz filmowy”; Russin Robin; Wydawnictwo Wojciech Marzec

Literature

„Klatka po klatce. Poznaj tajniki edycji, konwersji i naprawy plików wideo”; Jacek Janusz; Helion;
„Opowiadanie obrazem tworzenie struktury wizualnej w filmie, TV i mediach cyfrowych”; Block Bruce; Wydawnictwo Wojciech Marzec
„Technika montażu filmowego”; Reisz Karel, Millar Gavin; Wydawnictwo Wojciech Marzec

Teaching aids

Computer, projector

Language of instruction

Polish; communication in English possible