



<b>Course name</b>	<b>Computer Based Information Processing</b>
<b>Entity running the course</b>	Faculty of Interior Architecture and Design
<b>Entity for which the course has been prepared</b>	Department of Design
<b>Course type</b>	obligatory
<b>Year of study / semester, type of studies</b>	Year II, sem. III, full-time bachelor's degree
<b>ECTS credits</b>	1 point ECTS
<b>Academic tutor</b>	Sen. lect. Bogdan Kochan, MFA
<b>Aim of the course</b>	Advanced knowledge about the process of preparing and producing interactive creations, and multimedia presentations.
<b>Prerequisites</b>	General knowledge resulting from secondary education.
<b>Learning outcomes:</b>	
<b>- knowledge</b>	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.
<b>- skills</b>	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