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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** | Departmet 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:**

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| **- 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 sources of information and tools of image, sound and text processing. Can select images and multimedia files to use them in their own presentation. Can create functional interactive presentations based on their own script, using a selected application. |

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| **- personal and social competence** | |
| **Course content** | Classes are about problems of graphic file formats, video, text. Students learn about basic rules of creating a script, and other stages of a multimedia presentation, adjusted to a specific target group. Students present a clear and useful navigation, and learns about the techniques of using animation, visual effects, sound, film, text, tables and hyperlinks in their presentations. |
| **Course form and number of course hours** | Illustrated lectures, discussions, student presentations; 30 hours per semester. |
| **Assessment methods and criteria** | 15% participation in classes<br>10% activity during classes<br>75% presenting the final work – interactive multimedia presentation |
| **Assessment type** | Graded pass |
| Literature | „beyond bullet points – Magia ukryta. Oczaruj słuchaczy i porwij ich do działania"; Atkinson Cliff; Helion; „Utwórz profesjonalną prezentację – Projekty – Prezentacje w PowerPoint 2007"; Negrino Tom; Helion |
| **Teaching aids** | Computer, projector |
| **Language of instruction** | Polish; communication in English possible |