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| Course name | Basics of Shaping |
| Entity running the course | Faculty of Interior Architecture and Design |
| Entity for which the course has been prepared | Department of Interior Architecture |
| Course type | core / compulsory course |
| Year of study / semester, type of studies | Year II, sem. III and IV, advanced level, full-time bachelor's degree |
| ECTS credits | 3 pts ECTS per semester |
| Academic tutor | ac. prof. Stanisław Gnacek, ass. tutor Jacek Kulig, PhD |
| Aim of the course | The programme is a continuation of the teaching process at year I. Teaching is based on original artistic activities, preparing a composition, spatial installations in complex relationships of material solutions and specific technology of their production. The forms studied are based on observations of surrounding nature, experiencing the inspiring variety of structures, occurring phenomena, etc. As a result, it leads to original solutions of placing objects in spaces, experimenting with specific materials belonging to certain structures and consisting of certain creative values. |
| Prerequisites | Having the first year of studies completed. |
| Learning outcomes: | |
| - knowledge | Student gains advanced edge in the area of technologies and methods of processing various materials and correct choosing activities in workshop during concept realization. Learns and understands the directions of modern design development in the solutions based on newest materials and technologies. |

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| - skills | Student gains skills in the area of preparing an analysis of materials and technologies suitable for a specific project. Can perform the task realization at all stages. The expected effect is a creation of one's own, original artistic expression, as well as self evaluation of the quality of chosen design idea and resolutions in context of workshop skills and experiences. |
| - personal and social competence | Student gains competence in the area of using characteristic features of various materials needed for design, creating opinion about the necessity of using a certain material and ways of its processing. Student is prepared for conscious participation in a team. |
| Course content | Qualities and beauty of materials: wood, metal, glass, plastics etc. Production processes. Techniques and technologies of machine processing: wood and metal, studio and experimental processing. Technological experiment, creation and provocation with materials and art. Production processes. Creation of objects, static, dynamic and passive structures. Material and scale. Joining various technologies – a complex object. |
| Course form and number of course hours | Laboratory classes, lectures, consultations, reviews, additionally – participation in exhibitions (60 hours per semester). |
| Assessment methods and criteria | 75% activity during classes / progress with task realization / working reviews 25% open review of works |
| Assessment type | Graded pass (winter semester), Examination review, graded pass (summer semester). |
| Literature | H. Nowak, Stolarstwo 2 - Technologia i materiałoznawstwo , WSiP, 2010 J. Żurowski, Materiałoznawstwo przemysłu drzewnego Jerzy Szczuka, WSiP, 1999 S. Mac, Obróbka metali z materiałoznawstwem, WSiP, 1999 A. Puszyński, J. Pielichowski Technologia tworzyw sztucznych, WNT 2003 W. Królikowski, Z. Kłosowska-Wońkiewicz, P. Penczek, Żywice i laminaty poliestrowe, WNT 2007 P. Francuz, Obrazy w umyśle, studia nad percepcją i wyobraźnią, WN Scholar 2007 |
| Teaching aids | Access to professional workshop. |
| Language of instruction | Polish |

