



| | |
|---|---|
| Course name | Technical Drawing |
| 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 Glass |
| Course type | Core course, compulsory course. |
| Year of study/semester; Type of studies | Year 1 /semester 1, 2/; full time bachelor's degree studies |
| ECTS credits | 1 |
| Academic tutor | Krzysztof Mielczarek |
| Aim of the course | The aim of the course is preparing the student for independent execution of formally and legally correct technical drawings of utility forms. Execution of technical drawings reflecting the realization specifics of glass utility objects. Development of spatial imagination. |
| Prerequisites | None |
| Learning outcomes: | Executing the technical drawings of simple utility forms, allowing their realization in strict compliance with a design. Execution of the drawings in the environment of CAD / CAM. |
| – knowledge | Knowledge of the norms regarding correct execution of the technical drawings of utility forms. Knowledge of the concepts related to the technical drawing. |
| – skills | Executing the technical drawings by hand. Acquisition of the ability of executing the technical drawings with the use of computer graphics programmes (eg. AutoCAD). |
| – personal and social competence | Implementation of the need for delivering of design concepts in an orderly and comprehensible manner, compliant with the applicable norms. |
| Course content | Principles and norms regarding the technical drawing. Independent preparation of the realization drawings regarding designed forms. |
| Course form and number of course hours | Lectures, giving instructions, exercises, workshops, individual consultations (15 hours/sem.) |
| Assessment methods and criteria | One day long drawing exercises executed and discussed in the presence of the tutor and students - 75% + active participation in classes – 25%. |
| Assessment type | Semester 1 - graded pass. Semestr 2 – examination review. |
| Literature | http://pl.wikipedia.org/wiki/Rysunek_techiczny /technical drawing/ Rysunek Techniczny Budowlany, /Construction drawing/ – Elżbieta Miśniakiewicz, Wojciech Skowroński, Arkady 1978. Rysunek zawodowy w przemyśle szklarskim, /Professional drawing in glass industry/ – Mieczysław Gwiazdecki, Wydawnictwa Szkolne i Pedagogiczne, /WSiP Pub. House/, Warszawa 1978. |
| Teaching aids /comments | Development of spatial imagination, understanding the principles of mapping 3D and 2D space. |
| Language of instruction | Polish with the possibility of communicating in English. |