POZNAN UNIVERSITY OF TECHNOLOGY

COURSE DESCRIPTION CARD - SYLLABUS

Course name
Drawing [S1Arch1>Rys]

Course

Field of study	Year/Semester
Architecture	1/1
Area of study (specialization)	Profile of study
–	general academic
Level of study	Course offered in
first-cycle	polish
Form of study	Requirements
full-time	compulsory

Number of hours

Lecture	Laboratory classes	Other (e.g. online)
15	30	0
Tutorials	Projects/seminars	
0	0	

Number of credit points

4,00

Coordinators | Lecturers

dr sztuki Piotr Drozdowicz
piotr.drozdowicz@put.poznan.pl

dr hab. Jarosław Janas
jaroslaw.janas@put.poznan.pl

Anna Lewandowska
anna.lewandowska@put.poznan.pl

prof. dr hab. sztuk plast. Andrzej Łubowski
andrzej.lubowski@put.poznan.pl

prof. dr hab. Arkadiusz Marcinkowski
arkadiusz.marcinkowski@put.poznan.pl

prof. dr hab. inż. arch. Katarzyna Słuchocka
katarzyna.sluchocka@put.poznan.pl

Prerequisites

has drawing abilities allowing for transposition of space on a flat surface shows predisposition to creatively
form space

Course objective

1. learning the psychophysiological processes and conditions of the process of seeing and discerning. 2. learning the theory and different types of art compositions. 3. learning technological basics of drawing, painting and sculpturing techniques - learning the basics of digital photography 4. developing the skills of observing the reality and its transposition to a flat surface with special regard to proportion and spatial relations. 5. developing the problems of drawing composition with special regard to emotional and creative interpretation of the reality - learning different drawing techniques. 6. developing the skills to use light in creating moods with the use of drawing means - developing the skill of creative interpretation of space in creating own, individual vision of the reality.

Course-related learning outcomes

Knowledge
Student knows and understands:
B.W7. ways of communicating the idea of architectural, urban and planning projects and their development;
B.W8. the role and application of graphics, drawing and painting as well as information technologies in the process of architectural and urban design;
B.W9. principles of occupational health and safety.

Skills
Student can:
B.U1. integrate knowledge from various areas of science, including history, history of architecture, history of art and protection of cultural goods in solving engineering tasks;
B.U2. recognize the importance of non-technical aspects and effects of an architect's design activity, including its impact on the cultural and natural environment;

Social competences
Student is capable of:
B.S1. formulating opinions on the achievements of architecture and town planning, their determinants and other aspects of the architect's activity, as well as providing information and opinions;
B.S2. reliable self-assessment, formulating constructive criticism regarding architectural and urban planning activities.

Methods for verifying learning outcomes and assessment criteria

Learning outcomes presented above are verified as follows:

1. Lecture: A cycle of lectures is concluded with an test checking the acquired knowledge and the consciousness of its use in practical activities. Form of the test - oral exam. There shall be two deadlines for taking the test, the second is a retake.
2. Practical classes: 2-3 partial reviews during the semester, to check the engagement and progress of student's work - conclusions, joint discussion with the group; summary grade: final review of all works executed during the semester in the last class Obtaining positive grade from this module is made conditional upon achieving all learning effects described in the syllabus.
3 Forming grade - evaluation of semester works within the group, joint analysis and discussion
Adopted grading scale: 2.0; 3.0; 3.5; 4.0; 4.5; 5.0
Summary grade: - the grade obtained from written exam - the mean grade from partial reviews -
Adopted grading scale: 2.0; 3.0; 3.5; 4.0; 4.5; 5.0
Lecture:
Formative assessment:
periodic control of learning progress, active participation in classes
Accepted grading scale: 2,0; 3,0; 3,5; 4,0; 4,5; 5,0.
Percentage of grades: 0–50% - 2.0 (insufficient); 50-60% - 3.0 (sufficient); 60-70% - 3.5 (sufficient plus); 70-80% - 4.0 (good); 80-90% - 4.5 (good plus); 90-100% - 5.0 (very good).
Summative assessment:
a final test or (if an exam is included in the curriculum) a written exam
Accepted grading scale: 2,0; 3,0; 3,5; 4,0; 4,5; 5,0.
Percentage of grades: 0–50% - 2.0 (insufficient); 50-60% - 3.0 (sufficient); 60-70% - 3.5 (sufficient plus); 70-80% - 4.0 (good); 80-90% - 4.5 (good plus); 90-100% - 5.0 (very good).

Programme content

Lecture:
1. The basics of reception and transformation of visual signals. Visual route; types of vision; determinants of sharp vision; determinants of stereoscopic vision
2. Theory of art work composition. Golden division of a section; history and types of perspective:
3. Colour theory. Colour features; colours blending; colour systems. Sight and visual illusions, with single, double and multiple meaning.
4. Drawing and painting technology. Traditional and modern drawing techniques in wall and easel paintings.
5. Digital photography. Basic equipment and its use. Specifics of indoor and outdoor photography. Documentary, advertisement, artistic and reportage photography.
6. Sculpturing techniques - traditional and contemporary.
7. Artistic creation in contemporary painting.
Practical classes:
Study of nature - "Still life" - a cycle of drawings being an authorial interpretation of spatial situation, e.g. through composition measures, tensions between the forms, the importance of light and priority with the simultaneous use of different drawing techniques: coloured pencil, coal, pastel, sepia, dry brush etc., application of perspective principles

Teaching methods

1. Lecture/ problem-centred lecture.
2. Laboratory/ observation/ analysis/ a series of repetitions - study of nature/ a cycle of drawings being an authorial interpretation of spatial situation
3. eLearning Moodle (the system for supporting teaching process and distance learning).

Bibliography

Basic:
1. Arnheim R. "Sztuka i percepcja wzrokowa" – Wydawnictwa Artystyczne i Filmowe, Warszawa 1978.
2. Natusiewicz R. "Rysunek Architekta" – Wydawnictwo Politechniki Wrocławskiej, Wrocław 1992.
3. Pignatti T. "Historia rysunku" – wyd. Arkady, Warszawa 2006.
4. Teissig K. "Techniki rysunku" – Wydawnictwa Artystyczne i Filmowe, Warszawa 1982.
5. E-script for the course "Drawing, painting, sculpture 1".

Additional:
1. Arnheim R. "Myślenie wzrokowe" wyd. Słowo/Obraz Terytoria, Gdańsk 2013
2. Jeziorkowski A. "Nie tylko o rysunku" – Politechnika Poznańska, Poznań 1998
3. Strzemiński Wł. "Teoria widzenia" – Wydawnictwo Literackie, Kraków 1969
4. Zwolińska K., Malicki Z. "Mały słownik terminów plastycznych" Wiedza Powszechna, Warszawa 1975

Breakdown of average student's workload

	Hours	ECTS
Total workload	100	4,00
Classes requiring direct contact with the teacher	45	2,00
Student's own work (literature studies, preparation for laboratory classes/ tutorials, preparation for tests/exam, project preparation)	55	2,00