

STRUCTURAL DESIGN - ERASMUS

| | |
|-------------------------|----------------------|
| Course Code: | 02.2-WA-AW-PRAR |
| Type of course: | compulsory |
| Language of instruction | Polish/English |
| | |
| Name of lecturer: | dr hab. Piotr Szwiec |

| Form of Instruction | Number of teaching hours per semester | Number of teaching hours per week | Semester | Form of Assessment | Number of ECTS credits allocated |
|--------------------------|---------------------------------------|-----------------------------------|----------|--------------------|----------------------------------|
| Full-time studies | | | | | 6 |
| | | | | | |
| Class | 45 | 3 | one | A Pass Grade | |

COURSE AIMS:

The students will acquire a basic knowledge and skills that will enable them to understand the rules and norms in art and design. The students will learn to use linear and synthetic design information while producing a design. The students will also be introduced to the rules of interior spatial composition with a focus on harmony, contrast, balance, accents, and scale.

By the end of the course, the student should be able to:

Recognise individual structural and architectural elements of a building and its interior; sketch the elements of interior design and structural details ; make use of appropriate literature in the field and apply norms and technical conditions that need to be used in any design.

ENTRY REQUIREMENTS:

An ability to identify, analyse and evaluate possible solutions to problems

COURSE CONTENTS:

The course will introduce students to general rules of spatial composition (harmony, contrast, balance, introduction of details, scale and use of proportion and perspective).

Students will learn to formulate ideas and applied programmes in their design projects with a particular emphasis on their functions. They are also familiarised with the possibilities of changes within home and service interiors.

The methodological process takes into consideration problems concerning the evaluation of the area to be designed and its organisation.

TEACHING METHODS:

Throughout the course, students are expected to use their time to work on their own and in groups as this is a key part of the design process. Lectures and presentations will concern aesthetical aspects; basics of composition and possibilities in construction and technology. Legal issues and limitations regarding ergonomics and design are also covered.

LEARNING OUTCOMES:

K_W01

The student can demonstrate an awareness of design and artistic work required at the faculty of Interior Design.

K_W02

The student can demonstrate an awareness of means of expression and workshop skills in interior Design.

dyscyplin projektowych i artystycznych

K_W10

The student can demonstrate an awareness of relationships between theoretical and practical elements related to interior design.

Skills

K_U03

The student can demonstrate an awareness of using the workshop and artistic in selected areas of design and artistic activities.

K_U19

The student has acquired effective techniques of workshop skills that enable him to further develop through their individual work.

K_U21

The student is able to produce various stylistic design and artistic concepts based on their ability to use imagination, intuition, and emotions.

K_U28

The student is able to prepare and carry out a public presentation of their design.

Social competence

K_K02

The students are able to carry out an individual design through appropriate collection, interpreting and analysis of the information, developing ideas and critical argumentation.

K_K06

The student can demonstrate an ability to think creatively, adapt to new and flexible circumstances and control their own actions.

K_K09

The student is able to communicate effectively, especially:

- in group work when producing a group design
- when negotiating and organising the design process.
- when integrating with other people in cultural events.

K_K10

The student is able to present design projects clearly and effectively-with the use of IT.

LEARNING OUTCOMES VERIFICATION AND ASSESSMENT CRITERIA:

Pass/Grade/Exam

The final grade is based on:

Portfolio submitted in accordance with University deadlines, regular attendance, participation, the level of quality and originality of the design.

STUDENT WORKLOAD:

| Number of teaching hours | Type of student's work | ECTS |
|---------------------------------|-------------------------------|-------------|
| 45 | Participation in classes | 1,5 |
| 45 | Participation in tutorials | 1,5 |
| 90 | Preparation | 3 |
| 180 | Total | 6 |

Recommended Reading:

- Neufert K., Podręcznik Projektowania architektonicznego-budowlanego, ARKADY, Warszawa 1995.
- Pile J., Historia Wnętrz, ARKADY, Warszawa 2006.

OPTIONAL READING:

- Dream apartments, TASCHEN / EVERGREEN, Köln 2005.
- Hykš P., Gabornik M., Vrana O.: „Schody”
- Samujłło H. i J.: „Rysunek techniczny i odręczny w budownictwie”
- Wendy W. Staebler: „Architectural Detailing in Residential Interiors”
- Wojciechowski L., „Dokumentacja Budowlana 1, rysunek budowlany”, Wydawnictwa Szkolne i Pedagogiczne, Warszawa 1985.
- Working spacer, TASCHEN / EVERGREEN, Köln 2005.