

The basics of furniture designe - course description

General information	
Course name	The basics of furniture designe
Course ID	03.1-WA-P-TBasofFurDes-S22
Faculty	Faculty of Arts
Field of study	WA - oferta ERASMUS / Humanities and Arts, Fine Arts
Education profile	-
Level of studies	First-cycle Erasmus programme
Beginning semester	winter term 2022/2023

Course information	
Semester	1
ECTS credits to win	6
Course type	optional
Teaching language	english
Author of syllabus	<ul style="list-style-type: none">dr Anna Owsian

Classes forms					
The class form	Hours per semester (full-time)	Hours per week (full-time)	Hours per semester (part-time)	Hours per week (part-time)	Form of assignment
Class	45	3	-	-	Credit with grade

Aim of the course

The students will study design and and construction of a chair; they will also study the properties of wood, wooden materials, and technologies that are applied in furniture production.

Prerequisites

- Ability to use scale.
- Basics of orthogonal projection.
- Basic knowledge of design process.

Scope

Lecture topics:

- Construction of individual elements of a chair.
- Analysis of different types of chairs.
- Properties of wood.
- Wooden materials.
- Worldwide trends in furniture design.
- Modern technologies within furniture design.

Class contents:

The main focus of the classes is on the realisation of the students' projects. Classes on The Basics of furniture Design feature individual corrections. The course will examine the basics of materials and materials technologies and the practicalities of furniture design. Orthogonal projections will be used to show a piece of furniture (to scale)

Teaching methods

While much of the course is devoted to the realisation of the students' projects, the course will involve use of multi-media presentations; slide shows and film. Students are expected to use the course contact hours to discuss design-related issues in groups.

Learning outcomes and methods of theirs verification

Outcome description	Outcome symbols	Methods of verification	The class form
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Outcome description	Outcome symbols	Methods of verification	The class form
Demonstration of awareness of the design process of a simple piece of furniture.		<ul style="list-style-type: none"> activity during the classes an observation and evaluation of the student's practical skills 	<ul style="list-style-type: none"> Class
A knowledge and use of appropriate computer software to design a simple form a seat or chair.		<ul style="list-style-type: none"> activity during the classes an observation and evaluation of the student's practical skills 	<ul style="list-style-type: none"> Class
The student has a basic knowledge of serial furniture production and is able to use it in their designs.		<ul style="list-style-type: none"> activity during the classes an observation and evaluation of the student's practical skills 	<ul style="list-style-type: none"> Class
Research, analysis and interpretation of information during the design process.		<ul style="list-style-type: none"> activity during the classes an observation and evaluation of the student's practical skills 	<ul style="list-style-type: none"> Class
Use of appropriate computer programmes (CAD) to move from design to realisation.		<ul style="list-style-type: none"> activity during the classes an observation and evaluation of the student's practical skills 	<ul style="list-style-type: none"> Class
Ability to make key design decisions during the design process.		<ul style="list-style-type: none"> activity during the classes an observation and evaluation of the student's practical skills 	<ul style="list-style-type: none"> Class
The student shows an awareness of the key literature on the history of interior design and furniture design.		<ul style="list-style-type: none"> activity during the classes an observation and evaluation of activities during the classes an observation and evaluation of the student's practical skills 	<ul style="list-style-type: none"> Class

Assignment conditions

- Attendance is compulsory
- Active participation in class is expected
- In accordance with the syllabus, students will be assessed on the three stages of furniture design:

Stage I: presentation of a design concept in sketch form at a scale of 1:10

Stage II: selection of materials for furniture design, construction concept, choice of technology.

Stage III: presentation of a piece of furniture, its detail in three orthogonal projections.

- Pass/grade

Recommended reading

- Charlotte & Peter Fiell „1000 chairs”, Taschen 1997
- Phyllis Richardson, "Big Ideas Small Buildings", Thames & Hudson Ltd, 2009
- John Morley, "The History of Furniture", 2004
- Mel Byars, "New chairs", 2006

Further reading

- www.frameweb.com
- www.isokonplus.com
- www.ondarretacontract.com
- www.designer.com

Notes

Modified by dr Anna Owsian (last modification: 20-04-2022 22:35)