

COURSE OUTCOME

1. GENERAL

SCHOOL	Technology		
DEPARTMENT	Forestry, Wood Science & Design		
LEVEL	Undergraduate		
CODE	KM141	STUDENT SEMESTER	1 st
COURSE TITLE	FREE-HAND DRAWING		
ACTIVITIES	WEEKLY HRS	ECTS	
Lectures and Workshops	3	5	
TYPE OF COURSE	Scientific Area		
PREREQUISITES:	none		
LANGUAGE TEACHING AND EXAMINATION:	Greek		
THE COURSE OFFERED TO STUDENTS ERASMUS	No		
WEBPAGES COURSE (URL)			

2. LEARNING OUTCOMES

Learning Outcomes
<p>The course aims to introduce students to artistic, synthetic and creative thinking, cultivate their aesthetic perception and judgment and finally understand the function, structure and form of the natural and man-made environment so that they can develop the ability to capture a subject on paper. Upon successful completion of the course, students will be able to:</p> <p><u>At the level of knowledge</u></p> <ul style="list-style-type: none"> • To know the basic principles of design • To learn the use and properties of design materials and tools • To delve into the basic rules and techniques of design such as the introduction to measurement, the observation of shapes in space, light and shadow, tone tonal scale-tonal relations, point, line, outline, visual perception-optical delusion and its use, the sense of depth, general principles of perspective. <p><u>At the skill level</u></p> <ul style="list-style-type: none"> • To design correctly and follow the regulations of their speciality's various projects. • Easily use the basic principles of design. • To shape and capture their design ideas on paper. • To observe the Shapes in space and apply the general principles of perspective. • Attach its composition correctly to the paper with the appropriate light, shadow and tonal scales. • Quickly render the figures' composition with the sketch's help. <p><u>At the level of skills</u></p> <ul style="list-style-type: none"> • To acquire his style and design graphic character. • To successfully identify and correlate the data of a project with the real ones • To become efficient and increase their productivity in design through exercises and the progressive use of materials. • To achieve a complete and substantial relationship with the principles of design. • Be creative and develop ideas for the production of products and materials

<ul style="list-style-type: none"> To develop a collaborative spirit in the context of implementing design projects
General Abilities
<ul style="list-style-type: none"> Observation of the physical world and its imprinting on paper Familiarity with colour, light and shadow Development of communication through the plan Understand general rules of perspective Understand and use tonal scale

3. COURSE CONTENT

The theoretical part of the course includes the following: Introduction to freehand drawing, drawing materials and tools, introduction to measurement, observation of shapes in space, light and shadow, tone, tonal scale-tonal relations, point, line, outline, form, writing- personal style, Forms and space, visual perception – visual delusion and its use, the sense of depth, general principles of perspective, sketch.

In the laboratory part of the course, the student applies the method of studying the classic academic design, experiments with the materials and drawing media, observe the shapes in space and acquires the ability to capture them on his paper. It also applies the general principles of perspective and renders its composition correctly on paper with the appropriate light, shadow and tonal scales. It acquires its style and its graphic design character. Finally, he learns to quickly attribute the figures' composition with the sketch's help. To know what is the current situation in the Greek wood-furniture market.

4. TEACHING AND LEARNING METHODS - EVALUATION

DELIVERY METHOD	Laboratory	
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	<ul style="list-style-type: none"> Use of a course website on the e-class platform for posting (a) notes, (b) internet links, (c) announcements, search tools and social networks 	
MANAGEMENT OF TEACHING	Activity	Semester Workload
	Lectures	39
	Individual work. Freehand drawing of simple and complex compositions of objects within the laboratory.	30
	Individual work. Freehand drawing, natural and man-made environment, outside the laboratory (museums, public spaces, etc.)	30
	Self-dependent study	26
	Course Total	125

	(25 hours of workload per credit unit)	
STUDENT EVALUATION	Evaluation of individual work results (100%)	

5. RECOMMENDED-BIBLIOGRAPHY

<ul style="list-style-type: none"> • Το ελεύθερο σχέδιο , Μ. Αρφαράς , Αθήνα 1994. • Τέχνη και οπτική αντίληψη. Η ψυχολογία της δημιουργικής όρασης Amheim R., Εκδόσεις Θεμέλιο, Αθήνα 2004. • Σημείο, Γραμμή, Επίπεδο. Συμβολή στην ανάλυση των ζωγραφικών στοιχείων Β. Καντίσκι, Αθήνα 2011.
