

1. General Information			
School		School of Design Studies	
Department		INTERIOR ARCHITECTURE	
STUDY LEVEL		Undergraduate	
CODE OF SUBJECT	EA105	SEMESTER	1
SUBJECT TITLE		Design Methodology	
Teaching Content	Weekly (Hrs)	Credis	
Lectures	1	4	
Design Workshops / Excercises, Design Project – Portfolio of work.	3		
Type of Subject	Mandatory (general infrastructure course)		
PREREQUIRED COURSES	No		
Teaching and Exams Language	Greek		
THE COURSE IS OFFERED TO ERASMUS STUDENTS	No		
Course website (URL)	ia.ihu.gr/ea105/		

2. Aims and Objectives – Methods – Skills
<i>a. Learning Outcomes</i>
Introduction to design code. Basic rules of technical design and design techniques of a space and an industrial object. Techniques for depicting decorative subjects. Using traditional - analog drawing methods by hand.
<i>β. Skills</i>
<ul style="list-style-type: none"> • Using design code with hand drawing • The role of scale, instruments and methods of drawing • Presentation of spaces and objects using the design code • Practice traditional drawing by hand and with drawing instruments. • Introduction to the 3d concept of building and objects • Drafting of an architectural project file

3. Subject Context
Correct architectural design methodology through projections of the space (plan, elevation, aspect, section). Architectural mapping of spaces and objects through their design methodology and use of scale, canvas, dimensioning as well as corresponding symbols of the elements of the space. Axinometric drawing. Perspective drawing of spaces and solid objects with one, two or more vanishing points. Applications of architectural, axonometric and perspective drawing with writing of a professional practice study portfolio. Design presentation materials and techniques. Specifications for the design and presentation of site studies (scale 1:20, 1:50) and special details (scale 1:1, 1:2, 1:5, 1:10)

4. Teaching and learning methods – Evaluation and assessment	
Delivery method	Face-to-face and laboratory exercises in the drawing room

Use of Information and Communication Technologies	Lectures with presentations of the design code	
Teaching organization	Activity	Semester Credits
	Lectures	20
	Theory Essay	
	Design Workshop and Exercises	70
	Main Design Project	10
	Research and Analysis of Bibliography	
	Total	100
<i>Student assesment</i>	Written examination Laboratory Work Individual portfolio of laboratory exercises	

5. Recommended/ Bibliography

Suggested bibliography

- Agaliotou Chara, Design Methodology, Ion Publications 2010
- Malikoutis S, Methodology & Applications of Technical Design, Contemporary Publishing, Athens 2011
- Pedagogical Institute, Linear Plan of the Second Unified High School, Athens 1998
- Arfaras M., Melissourgaki M, The Line Drawing II, Athens 1993
- Malikoutis S, Technical design: theory elements and applications, Modern Publishing, 2005
- Pavlidis I., Linear Drawing, Ziti Publications, Thessaloniki 1997
- Arfaras M., Melissourgaki M, The Line Drawing, Athens 1993