Course/Subject/Unit Description

1. General Information			
School		School of Design Studies	
Department		INTERIOR ARCHITECTURE	
STUDY LEVEL		Undergraduate	
CODE OF SUBJECT	**EA405**	SEMESTER	**4**
SUBJECT TITLE		**3D Representation of Architectural Project - Plastic Maquette**	
Teaching Content	Weekly (Hrs)	Credits	
Lectures, Essays, Design Workshops/Exercises, Design Project – Portfolio of work.	4	3	
Type of Subject		Compulsory	
PREREQUIRED COURSES		No	
Teaching and Exams Language		Greek	
THE COURSE IS OFFERED TO ERASMUS STUDENTS		Yes	
Course website (URL)			

2. Aims and Objectives – Methods – Skills

a. Learning Outcomes

Analyzes of the individual structures of their project: masonry, floors, ceilings, openings, furniture, investments, equipment, natural environment, altitudes and landscaping. The assembly and the final general control for the presentation.

b. Skills

- Application of knowledge in practice
- Autonomous work
- Adaptation to new situations and technologies, with the aim of the reverse process
  - Understanding the transfer from two-dimensional to three-dimensional space
  - Familiarity with constructional thinking
  - Adaptation to a new way of presenting an architectural project (its construction preform-minge of an interior design theme that has studied design in a previous semester)
  - Approach to the process of material selections in relation to their aesthetic quality, the properties, behavior, processing, and relevance of its performance design proposal.
  - Flexibility of decision-making
  - Time planning of construction works of the preform.
  - completion of the decorative presentation of the project

3. Subject Context

PLASTIC MODEL Construction of a model. Materials of the model, possibilities of each material, their use depending on the subject. Methodology of construction of each type of model. Architectural model of interior space, model of furniture, model of utility or decorative object. Ways of applying the different materials in

the exercises (form, color, connection). Analyzes of the individual structures: masonry, floors, ceilings, openings, furniture, investments, equipment, natural environment, altitudes and landscaping. The finishing and coloring of the plastic model. The assembly and the final general control for the presentation.

4. Teaching and learning methods – Evaluation and assessment

- Theory and Design Workshops – Main Project Brief/ Site visits - Group Appraisal /Site Analysis - Theory Essay and Design Exercises - Interim Reviews - Project Final Pin Up - Portfolio Hand In.		
Use of Information and Communication Technologies		
Teaching organization	Activity	Semester Credits
	Lectures	20
	Theory Essay	
	Design Workshop and Exercises	30
	Main Design Project	40
	Research and Analysis of Bibliography	10
	Total	100
Student assessment	Project	

5. Recommended/ Bibliography

- Διαμόρφωση εσωτερικών χώρων - Διαχωριστικοί τοίχοι, ψευδοροφές, Meyer - Bohe Walter
- Le Modulor, Επίτομη Εκδοση, Le Corbusier
- Οικοδομική & Αρχιτεκτονική Σύνθεση, 39η Γερμανική Έκδοση, Ernst Neufert
- Dally W., & Harging, C., (2017), Ψηφιακή σχεδίαση, από τη πλευρά των συστημάτων.
- Πανεπιστημιακές Εκδόσεις Κρήτης, ISBN 978-960-524-445-3, Αγγλία, μεταφρασμένη έκδοση Κρήτη 2017
- Mano, M., Cilleti, M., (2017), Ψηφιακή σχεδίαση. Εκδόσεις Παπασωτηρίου, ISBN 978-960-491-084- 7, ΗΠΑ, μεταφρασμένη έκδοση Αθήνα, 2017
- Wakerly, J., (2004), Ψηφιακή σχεδίαση, Αρχές και πρακτικές. Εκδόσεις Κλειδάριθμος, ISBN 960-209- 728-0, ΗΠΑ, μεταφρασμένη έκδοση Αθήνα, 2017
- Κάππος, Ι., (2017), Δουλέψτε με Autocad 2017. Εκδόσεις Κλειδάριθμος, ISBN 978-960-461-730-2, Αθήνα 2017

- *Omura .G., Benton B., (2016), Mastering AutoCAD 2017 and AutoCAD LT 2017. Εκδόσεις John Wiley & Sons Inc, ISBN 9781119240051, ΗΠΑ 2016*
- Δεδούσης, Β., Γιαννατσής, Ι., Κανελλίδης, Β., (2015), Συστήματα CAD. Εκδόσεις ΣΕΑΒ, ΚΑΛΛΙΠΟΣ, ISBN: 978-960-603-460-2 , Αθήνα 2015
- Ανθυμίδης, Κ., Δαυίδ, Κ., (2015), Σχεδίαση με Η/Υ, Το Autocad στην πράξη. Εκδόσεις Δίσιγμα Β' έκδοση, ISBN 978-960-9495-54-7, Αθήνα 2015

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