

Course unit title:	Architectural Design II		
Course unit code:	APX102		
Type of course unit:	Compulsory		
Level of course unit:	Diploma Degree of Architect - Engineer		
Year of study:	1		
Semester when the unit is delivered:	1 (Spring)		
Number of ECTS credits allocated :	12		
Name of lecturer(s):	Delis Papadopoulos, Tereza Tourvas		
Learning outcomes of the course unit:	<ol style="list-style-type: none"> 1. Define general ideas related to the human body and scale in architecture and design. 2. Identify the parameters involved in the design and construction of small scale structures. 3. Apply analysis, observation, drawing, model making and photography skills in order to develop a methodology toward solving specific programmatic, compositional and conceptual problems. 4. Analyze and document through scale drawings and 3-dimensional models a set of given parameters and recognize their significance towards identifying architectural issues. 5. Create a 1:1 scale 3-dimensional structure that satisfy's both aesthetic and simple programmatic requirements. 6. Evaluate the outcome of their work, justify their proposed solutions and appraise the significance of the architectural process towards the invention and expression of innovative ideas and problem solving. 		
Mode of delivery:	Face-to-face		
Prerequisites:	APX101	Co-requisites:	None
Recommended optional program components:	None		
Course contents:	<p>The goal for the first year design studio is to attempt to create awareness to students of all the issues involved in design. Each individual is forced to reassess their philosophical position in an ever changing society and their role as creative human beings.</p> <p>The introduction of mapping as an analytical tool to investigate, observe and document a given site, or a particular movement inspired by the human body becomes the methodology that organizes the exercises of the course. Each student is required to produce diagrams, scaled drawings, collages and models that demonstrate both process and design intend.</p>		
Recommended and/or required reading:	<p>John Hedjuk, Education of an Architect, The Irwin S. Chanin School of Architecture of the Cooper Union, Rizzoli, 1989.</p> <p>Juhani Pallasma, pref by Steven Holl, The Eyes of the Skin, architecture and the senses, Sussex Wiley, 2005.</p> <p>Angelil Marc, Hebel Dirk, Deviations – Designing Architecture, Birkhauser, 2008.</p>		
Textbooks:			

References:	Hirsinger Quentin, Ternaux Elodie, Kula Daniel, Materiology – The Creative’s Guide to Materials & Technology, Birkhauser, 2008. Victoria Ballard Bell, Patric Rand, Materials for Design, Princeton Architectural Press, 2006.
Planned learning activities and teaching methods:	The course is delivered to the students by means of lectures, demonstrations, workshops, drawing & model making exercises, written and aural presentations. Students work in studio through personal tutoring, group critiques and final assessments.
Assessment methods and criteria:	<ul style="list-style-type: none"> • Class participation: 10% • Methodology, experimentation, research : 20% • Midterm presentation (1): 15% • Midterm presentation (2): 15% • Final presentation: 40%
Language of instruction:	Greek English offered for Erasmus Students
Work placement(s):	No