

Course unit title:	Architectural Design V		
Course unit code:	APX301		
Type of course unit:	Compulsory		
Level of course unit:	Diploma Degree of Architect - Engineer		
Year of study:	3		
Semester when the unit is delivered:	5 (Fall)		
Number of ECTS credits allocated :	12		
Name of lecturer(s):	Byron Ioannou		
Learning outcomes of the course unit:	<ol style="list-style-type: none"> 1. Recognize the importance of urban design in shaping of the built environment. 2. Analyze and comprehend complex and large scale urban design issues. 3. Comprehend the parameters and preconditions of urban planning regulations and recognize them as parameters (limitations and possibilities) of an urban design approach. 4. Recognize the importance of social and economic dimension of public space management and use urban design approach as means of improving the quality of urban space. 5. Identify and use multiple scales for urban design representation. 6. Develop collaborative skills in order to be able to participate in multidisciplinary teams and to cooperate with several actors associated with the built environment. 7. React critically on topical issues of the built environment and urban public space. 		
Mode of delivery:	Face-to-face		
Prerequisites:	APX102	Co-requisites:	None
Recommended optional program components:	None		
Course contents:	<p>This studio course attempts to articulate students' experiences of the relationship between architectural design and its urban environment and the city. Relevant topics to be examined are; the relationship of the building to its surrounding environment, the organization and design of open space including landscape design, the impact of planning regulation and framework on the form and character of architecture, the potential of architecture to act as a catalyst for change the image of the city and regeneration, and basic understanding of the impact of energy performance of buildings and open spaces on the quality of life and sustainability of the built environment. The studio course, other than its interest in the design of open space, focuses on larger and more complex interventions than previous semesters and aims at the familiarization of students with larger scale such as 1:500 and 1:200 as an introduction to master planning practice.</p>		
Recommended and/or required reading:			
Textbooks:	Moughtin J. C., <i>Urban Design: Street and Square</i> , Architectural Press, 2003		
References:	<p>Schwalbach G., <i>Urban Analysis</i>, Birkhäuser, 2009 Farr Douglas, <i>Sustainable Urbanism: Urban Design With Nature</i>, Wiley, 2008 Lang Jon, <i>Urban Design: A typology of Procedures and Products</i>, Elsevier, 2005</p>		

	Marshal Stephen, <i>Cities Design and Evolution</i> , Routledge, 2008 Course and lecture notes
Planned learning activities and teaching methods:	<p>The course is studio based requiring teacher to student interaction through individual and group discussions.</p> <p>A key project is running through semester and is supplemented by creativity projects and other smaller scale assignments.</p> <p>Studio work is carried out and delivered by means of multiple media representations such as maps - charts, sketches, artwork, collage, three dimensional models, etc.</p> <p>Short written texts and oral presentations before the class, are encouraged as complementary means of architectural expression.</p> <p>Studio work is supplemented by means of lectures, conducted with the help of computer presentations and by means of specially selected films and documentaries, followed by discussion. Lecture notes and presentations are available through the web.</p> <p>Visits to project site and related to project's theme sites are conducted.</p> <p>Special guest scientists and practitioners are invited for lectures related to studio's subject.</p>
Assessment methods and criteria:	<ul style="list-style-type: none"> • Class Participation: 15% • Creativity Assignments: 10% • Interim Assessments: 25% • Final Assessment: 60%
Language of instruction:	Greek
Work placement(s):	No