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| Course unit title: | Architecture | | |
| Course unit code: | APX 202 | | |
| Type of course unit: | Compulsory | | |
| Level of course unit: | Diploma Degree of Architect - Engineer | | |
| Year of study: | 2 | | |
| Semester when the unit is delivered: | 4 (Spring) | | |
| Number of ECTS credits allocated : | 12 | | |
| Name of lecturer(s): | Dipl.-Ing. Arch. Demetris Economides | | |
| Learning outcomes of the course unit: | 1. Comprehension of creating architectural proposals that would satisfy aesthetic requirements and the ability to comprehend the process of manufacture and application of constructional methods and technologies for tackling complex briefs<br>2. Adequate knowledge of the history of a place and the architectural theories that have been developed, as well as the role and responsibility of an architect towards cultural heritage<br>3. Acquiring knowledge of the need for integration of any architectural proposal in existing cultural environments as well as the importance of the creation of public space<br>4. Adequate knowledge of creating architectural proposals that will take into consideration aesthetic, building, structural and economic parameters<br>5. Considerate of the value for bioclimatic design approaches that would correspond to the particular climatic conditions of a place. | | |
| Mode of delivery: | Face-to-face | | |
| Prerequisites: | APX 201 | Co-requisites: | None |
| Recommended optional program components: | None | | |
| Course contents: | The main objective of this course is the composition and design of a building of moderate complexity that is part of a particular urban area with clear cultural, historical, social and environmental characteristics.<br>Particular attention is given to the students' friction on issues of collective living, but also to the relation of architecture itself and to social issues. How does architecture and architectural planning respond to topical social issues and how a building can act as a catalyst in shaping social relationships. At the same time the lesson deals with the relation between the city itself and the building, and how the architectural design is affected and at the same time responds to its surrounding area. | | |
| Recommended and/or required reading: | | | |
| Textbooks: | -Francis D.K. Ching, **Architecture –Form, Space, and Order**, Wiley, New Jersey, 2007<br>-Δημήτρης Α. Φατούρος, ***Ένα Συντακτικό της Αρχιτεκτονικής Σύνθεσης***, Παρατηρητής, Θεσσαλονίκη, 1995 | | |
| References: | -Herman Hertzberger, **Lessons for Students in Architecture**, 010 Publishers, Rotterdam, 2001<br>-Lorraine Farrelly, **The Fundamentals of Architecture**, AVA Publishing, Singapore, 2007<br>-Colomina, B. (1996) **Privacy and Publicity**, MIT Press, Cambridge MA.<br>-Norberg-Schulz, C. (1980). **Genius loci: Towards a phenomenology of Architecture** (Rizzolli).<br>-Colomina, B. (1996) **Privacy and Publicity**, MIT Press, Cambridge MA.<br>-Norberg-Schulz, C. (1980). **Genius loci: Towards a phenomenology of Architecture** (Rizzolli).<br>-Panos Leventis, **Twelve Times in Nicosia,** Cyprus Research Centre Texts and Studies in the History of Cyprus XLIX, Nicosia 2005 | | |

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| | -ΔΟΜΕΣ 01/11, **Τεύχος 96 «Φοιτητικές Κοινότητες».** |
| Planned learning activities and teaching methods: | Studio - workshop character.<br>The course is delivered to the students by means of lectures, demonstrations on methodology and good practices.<br>Scheduled midterm assessments on students' progress.<br>Personal tutoring, face to face cooperation with the tutors, group critiques and final assessments. |
| Assessment methods and criteria: | • Class participation 10%<br>• Midterm presentation(1): 15%<br>• Midterm presentation(2): 30%<br>• Final Exam: 45% |
| Language of instruction: | Greek<br>English offered for Erasmus Students |
| Work placement(s): | No |