COURSE OUTLINE

1. GENERAL

SCHOOL	POLYTECHNIC
DEPARTMENT	ARCHITECTURE
LEVEL OF COURSE	UNDERGRADUATE

COURSE CODE	ARC_070	**SEMESTER OF STUDIES**	7th/9th

COURSE TITLE	**ARCHITECTURAL DESIGN 7**

INDEPENDENT TEACHING ACTIVITIES	**TEACHING HOURS PER WEEK**	**ECTS CREDITS**
Lectures, seminars	**1**	
Studio Work & Assignments	**7**	
		12

COURSE TYPE	Field of Science (Architectural Design) and Skills Development
PREREQUISITE COURSES:	ARCHITECTURAL STUDIO 5
TEACHING AND ASSESSMENT LANGUAGE:	Greek
THE COURSE IS OFFERED TO ERASMUS STUDENTS	YES
COURSE WEBPAGE (URL)	https://eclass.upatras.gr/courses/ARCH564/

2. LEARNING OUTCOMES

The course is the seventh in a row of nine studio courses for Architectural Design. The theme of the course is collective housing in a broad approach. It includes residential complexes, hotels, student dorms and any other building program related to contemporary versions of dwelling.

During the course of the semester, the workshop studies exemplary works from the history of architecture following different planning and building methodologies. The studio examines different types of housing -from the urban apartment and short-term rentals to immigrant accommodation- and investigates various hypothetical scenarios for the future development of life in the cities.

The object of study is a residential complex at the centre of Patras or any other Greek city. The building program and the basic assumptions of design are determined by each tutor with the contribution of the students. Students work either individually or in groups of two.

The main objective of the course is to familiarize students with the main methodological tools of analysis and synthesis that are necessary for addressing a design problem of high complexity in the urban scale. Particular emphasis is given to the definition of the conceptual background for the documentation of synthetic ideas, as well as to the presentation of proposals with drawings, images and architectural models.

Some of the basic investigations involve: the defining of the housing program according to the new standards of living in the cities, the connection of the housing complexes with the urban context, and the representation of new lifestyles through emblematic images.

The development of design proposals takes place in three scales: the urban scale (1:500), the building scale (1:200) and the interior scale (1:50).

The course includes a theory and design workshop. The theoretical part consists of lectures and in-depth seminars on key issues of architectural theory and design methodology. The workshop is carried on by dividing the students into smaller groups of 15-20. Design studios allow for direct communication between students and tutors. Teaching, also, involves criticism of the projects by the tutors and the students themselves, as well as 6 hrs workshops, where students develop specific parts of their projects within the class.

The course requires attendance in at least nine weekly lessons.

After successful completing the courses of Architectural Design 5 and 6 the students:

- They have acquired basic knowledge of the history of different housing typologies.
- They are able to design responding to the demands of a variety of lifestyles.
- They have the ability to formulate synthetic architectural ideas supported by thorough research, advanced architectural vocabulary and different design methodologies.
- They have basic knowledge of the layout and organization of housing complexes.
- They have developed their skills in handling the traditional architectural representational media (drawing and models) and have become familiar with using digital ones (computer modelling and digital imaging).

General Abilities

- Search, analyze and synthesize data and information, using the necessary technologies
- *Group work*
- *Excercise of criticism and self-criticism*
- *Promotion of free, creative and inductive thinking*
- *Respect to natural environment*
- *Respect for diversity and multiculturalism*
- *Work design and management*
- *Demonstration of social, professional and ethical responsibility.*
- Promote free, creative and inductive thinking

3. COURSE CONTENT

i.	Introduction to the topic - Basic concepts
ii.	Study of reference works
iii.	Formulation of a building program
iv.	Formulation of a building program
v.	Site analysis
vi.	Developing concepts
vii.	Interim presentation of concepts
viii.	Building design - Elaborating on the proposal workshop
ix.	Building design - Elaborating on the proposal workshop
x.	Building design - Elaborating on the proposal workshop
xi.	Development of an integrated proposal
xii.	Developing presentation material
xiii.	Developing presentation material

4. TEACHING AND LEARNING METHODS - ASSESSMENT

TEACHING METHODS	Lectures, seminars and Studio Work Face to Face. The course will be taught through lectures on specific subjects of Design and case studies.

USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Specialized architectural design software for drafting and modeling (in two and three dimensions) and digital image processing. Student posts on the course's blog. Support learning through the e-class platform.

TEACHING ORGANIZATION	*Activity*	*Work Load per Semester*
	Lectures (1 conduct hour per week x 13 weeks)	13
	Studio Work (7 hours per week x 13 weeks)	91
	Hours for private study of the student and preparation of assignments (300-13-91)	196
	Total number of hours for the Course *(25 hours of work-load per ECTS credit)*	*300 hours (total student work-load)*

STUDENT ASSESSMENT	The evaluation of students will be based on the degree of development of analytical thinking, understanding and assimilating the concepts, creativity, synthetic and design capability, as well as their participation in the educational process. There is no written exam in the course. • Interim Presentations Topic: (30% of the total grade) • Final Presentation: (70% of the total grade) The criteria of assessment are listed in the course syllabus (outline and timeline of course) posted on the e-class platform. The criteria listed are the following: "the evaluation of students will be based on the degree of development, the ability of analytical thinking, understanding and assimilating the concepts, on creativity, on synthetic and design capability, as well as on participation in the educational process»

5. RECOMMENDED LITERATURE (incl. Books in Greek)

Benevolo L., La citta nella storia d' Europa, Αθήνα: Ελληνικά Γράμματα, 1997.

Gehl, J. Ανθρώπινες Πόλεις, Αθήνα: Παπαγεωργίου, 2013

Lynch Kevin, The Image of the City, Cambridge: MIT Press, 1992.

Kostof, S, The City Shaped. Urban Patterns and Meaning throughout History, London Thames & Hudson, 1991

Kostof, S, The City Assembled. The elements of Urban form throughout History, London Thames& Hudson, 1992

Αίσωπος Γ., Τοπία τουρισμού – Ανασκευάζοντας την Ελλάδα, Αθήνα: Δομές, 2015.

Φιλιππίδης Δ., Για την Ελληνική Πόλη: Μεταπολεμική Πορεία και Μελλοντικές Προοπτικές, Αθήνα, 1990.