COURSE OUTLINE

1. GENERAL

SCHOOL	UNIVERSITY OF PATRAS
DEPARTMENT	ARCHITECTURE
LEVEL OF COURSE	UNDERGRADUATE

COURSE CODE	ARC_020	**SEMESTER OF STUDIES**	SECOND

COURSE TITLE	**ARCHITECTURE DESIGN 2**

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

COURSE TYPE	Foundation class (Architectural Design) and Skills Development
PREREQUISITE COURSES:	NONE
TEACHING AND ASSESSMENT LANGUAGE:	Greek. Classes may be in English in case foreign students attend the course.
THE COURSE IS OFFERED TO ERASMUS STUDENTS	Yes
COURSE WEBPAGE (URL)	https://eclass.upatras.gr/courses/ARCH545/

2. LEARNING OUTCOMES

From the beginning of the semester, in parallel to the introduction of students to the basic elements of architecture, particular emphasis is paid to the development of basic skills. The skills are the following:

critical thinking

Critical thinking refers to the development of the ability to formulate concrete questions, to employ abstract conceptions in order to interpret data, differing views and to guide students to reasoned conclusions.

setting a 'personal' programme

Refers to the conceptual skill of delivering an [architectural] project, based on a well-articulated programme.

research

As a collection, evaluation, recording and application of information.

'reading' behaviors and differences

Refers to the skill of comprehending and employing theories and methods of research that explore and clarify the relationship between human behavior and the natural or man-made environment.

oral and written presentation

Refers to the development of the skill for effective investigation, essential writing and integrated presentation.

General Abilities

reading the 'topos'

The skill of responding adequately to the natural and built features of a specific context.

means of representation

Refers to the skill of selecting and employing the appropriate means of representation in order to explore, record and communicate the essential aspects of a concept during all design stages.

materials and structures

Understanding the basic principles and appropriate application of building materials, environmental impacts and the importance of reuse or recycling.

collaboration

Development of the skill to contribute to a team.

pursuing distinction

From the beginning of their studies students develop a kind of rivalry with each other aiming at the continuous improvement of their individual and team skills.

3. COURSE CONTENT

The second semester is the continuation and extension of the process, research and skills developed during the first semester through diagrammes, paradigms, a systematic study of architectural references and their subsequent transformation into ideas, mechanisms and broader spatial strategies. The framework for this is a nine square grid problem [9SG]: starting from an inscribed yet intuitive sketch, students systematically develop and then transform a scheme into a series of, scaled, eventually habitable, constructions. The parallel study of works by Andrea Palladio and a series of contemporary responses to them leads to their on-site analysis and recording in Italy's Veneto region, and then to an intervention proposal on the grounds of the Greek pavilion at the Venice Biennale. This intervention restructures the reality of the original sketch as an experience of exhibition, stasis, motion, wandering and a response to a landscape: a brand new place no longer across a city, but the entire Adriatic sea.

4. TEACHING AND LEARNING METHODS - ASSESSMENT

TEACHING METHODS	**1: 1 critique** From the beginning of a semester, studios of approximately 20 students under the supervision of a tutor are formulated. Every student on a weekly basis individually and collectively meets his tutor. During each meeting a 1: 1 critique and discussion is developed between the student and the teacher. The teacher in turn gives directions for the further development of the student's work. Weekly attendance and participation in the studio is essential. **reviews: interim and final** Reviews are a means of assessing design projects and an opportunity to develop a wider debate on the semester's projects' brief. In addition, they constitute a unique opportunity through which a wealth of knowledge and experiences are transmitted and exchanged. The public character of the reviews and the public exposure of the individual projects ensure the development of communication skills of the future architect. The culmination of the semester is the 'final' review, during which tutors and external critics on the basis of the student's portfolio and presentation assess the overall project and effort. **portfolio** During the semester each student assembles his personal portfolio. The portfolio is a visual essay, an archive and means of communication medium as well as a summary of the creative evolution of a project. The portfolio portrays the author's compositional and representational skills and a narrative of the overall design process.
USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES	Use of Information and Communication Technologies (ICTs) (e.g. powerpoint). Presentations are uploaded on the eclass platform, and are open and downloadable for the students.

TEACHING ORGANIZATION

Activity	Work Load per Semester
Lectures (1 per week x 13 weeks)	10
Studio Work (7 hours per week x 13 weeks)	90
Hours for private study of the student and preparation of project work	200
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 the students is based on the degree of development of their analytical thinking, understanding and consolidation of concepts, creativity,

	design skills, as well as their participation in the educational process. The assessment is based on the following criteria with the respective percentages: participation in the studio 40% development and improvement of design skills 20% participation in interim reviews 20% completeness and quality of portfolio and participation in the final review 20%

5. RECOMMENDED LITERATURE (incl. Books in Greek)

Hejduk, J., '*Mask of Medusa'*, Rizzoli, 1989
Hertzberger, H., *'Lessons for Students in Architecture',* 010, 2001
Klee, P., *'Pedagogical* Sketchbook', Faber, 1973
Koolhaas, R., Mau, B. '*S,M,L,XL'*. Monacelli Press, 2002
Neufert, E., '*Architects' Data*', Blackwell Publishing, 2012
Venturi, R. '*Complexity and Contradiction in Architecture',* Museum of Modern Art, 1977
Zumthor, P., *'Thinking Architecture',* Birkhauser, 1999