



Course Syllabus

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| Course Code | Course Title | ECTS Credits |
| ARCH-101 | Introduction to Architectural Design | 12 |
| Prerequisites | Department | Semester |
| - | Architecture | Fall |
| Type of Course | Field | Language of Instruction |
| Required | Architecture | English |
| Level of Course | Lecturer(s) | Year of Study |
| 1 st Cycle | Yiorgos Hadjichristos Angela Kyriacou Petrou | 1 st |
| Mode of Delivery | Work Placement | Corequisites |
| Face to face | N/A | - |

Course Objectives:

The main objectives of the course are to:

1. Develop students' critical capacity by challenging and deconstructing their existing preconceptions and biases.
2. Familiarize students with the design process and studio culture.
3. Develop understanding and appreciation of a number of ways of seeing and interpreting architectural space.
4. Develop critical capacity and analysis by interpreting and inferring.
5. Develop and to implement propositions which consider experience, space, place and form in response to given issues.
6. Investigate and experiment with a wide variety of presentation techniques (written, verbal and graphic). To initiate engagement with and inventing and integrating of a variety of media and communication techniques.
7. Question and experiment with a variety of forms in two and three dimensions.

Learning Outcomes:

After completion of the course students are expected to be able to:

1. Demonstrate an understanding, comparing and exemplifying of a number of ways of seeing and interpreting architectural space
2. Question and implement a critical capacity and analysis by challenging preconceptions.
3. Analyze and test given propositions, considering experience, space, place and form in response to given issues.

4. Design and construct architectural ideas that derive from experimentations - explorations with a certain quality of “aesthetics”.
5. Execute effective communication skills, using and testing a range of architectural conventions, in the form of drawings, diagrams, models, collages, videos and /or photographs.
6. Develop projects with scale, proportion, context and form.
7. Critique the fine arts and other creative disciplines and recognize them as an influence on the quality of architectural design.
8. Demonstrate an adequate knowledge of urban design, planning and the various skills involved in all aspects of the planning process.
9. Develop an understanding of the relationship between people, buildings and the environment, and of the need to relate buildings and the spaces between them to human needs and scale.

Course Content:

1. Abstract analysis of spaces, actions in spaces, pictures, music, and written part
2. Experimentation through analysis and synthesis, deconstruction and reconstruction
3. Oral and visual presentation
4. Diverse ways of seeing
5. Diverse model making techniques
6. Mixed media representation, testing of materiality, structures, systems
7. Design process
8. Plan section and elevation skills
9. Space planning introduction
10. Human activities and programme
11. Case studies analysis
12. Creating installations
13. Layers, depths, systems, notions of time

Learning Activities and Teaching Methods:

Lectures, interdisciplinary workshops, workshops with materials and techniques, case study analysis, desk-crits, group and individual work, installations, narrating the project through writing and conclusion/ haikus, pin-ups, midterm/final presentations with guest critics.

Assessment Methods:

Projects (1,2,3) , Workshops and Installations, final exam

Required Textbooks / Readings:

| Title | Author(s) | Publisher | Year | ISBN |
|-----------------------|------------------|------------------------|------|-------------------|
| The Thinking Hand | Juhani Pallasmaa | Wiley | 2009 | 9780470779286 |
| Thinking Architecture | Peter Zumthor | Lars Müller Publishers | 1998 | 978-3-907044-61-2 |

Recommended Textbooks / Readings:

| Title | Author(s) | Publisher | Year | ISBN |
|--|------------------|-------------------|------|--|
| Atmospheres | Peter Zumthor | Birkhauser | 2006 | 978-3-764374-95-2 |
| The Eyes of the Skin: Architecture and the Senses (e-book available) | Juhani Pallasmaa | Wiley-Academy | 2005 | 9780470015797 9781119941286 hbk. |
| Drawing: The motive force of architecture (e-book available) | Peter Cook | Chichester: Wiley | 2008 | ISBN-13: 978-1118700648 ISBN-10: 1118700643 |
| Space and the Architect: Lessons in Architecture | Hertzberger H | 010 Rotterdam | 2000 | 978-9064505621 |