



Course Code ARCH-162	Course Title Architectural Communication Skills	ECTS Credits 4
Department Architecture	Semester Spring	Prerequisites Arch 161
Type of Course Major	Field Architecture	Language of Instruction English
Level of Course 1st Cycle	Year of Study 1st	Lecturer(s) Zenon Sierepeklis
Mode of Delivery Face-to-face	Work Placement N/A	Co-requisites None

Objectives of the Course:

- To teach students how to produce orthographic drawings to scale
- To teach students to draw one and two point perspective drawings
- To teach students the technique of axonometric drawing
- To teach students the basic drawing skills required for architectural representation and synthesis
- To encourage the students to focus on techniques of their own and to develop varied drawing styles
- To develop confidence and competence in communicating their ideas in Architecture
- To encourage students to communicate effectively their findings (visual, written and oral presentation skills)
- To encourage students to experiment and develop collage, photomontage, 2d and 3d diagrams, axonometric
- To encourage students to explore potential of media materials and processes

Learning Outcomes:

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

- Demonstrate a full understanding of 2d orthographic drawings – plans, sections, and elevations
- Apply knowledge of how to work with different scales of drawing and how to align and layout orthographic drawings
- Construct freehand perspective drawings and demonstrate possible uses
- Communicate design intentions & findings clearly through orthographic drawings and diagrams
- Organize and layout studio projects in portfolio and presentation format
- Develop an understanding of detailed spatial characteristics and convey them through various drawing techniques
- Draw and express spatial conditions/ materials / light or atmospheric qualities of space

Course Contents:

- Introduction to Architectural communication skills.
- Step by step demonstration and simultaneous practice.
- Graphical Projections, Orthographic projection.
- Architecture Drawing, Plans-Elevations-Sections, Scale rescaling, Dimensions lines, Symbols
- Building survey, Ground plans, Elevations, Sections, Detailing, Sketching.

Learning Activities & Teaching Methods:

Lectures, Draft and Computer Demonstrations, Workshops, Tutorials, Discussions, Presentations, Practical Exercises and Assignments

Assessment Methods:

Homework, Project, Mid-Term, Final Project, Presentation

Recommended Textbooks/Reading:

Authors	Title	Publisher	Year	ISBN
Glenn Murcutt	Thinking Drawing, working drawing	Toto	2008	488706294X
edited by Pyo mi young	Conceptual diagrams	Damdi Publishing Company	2010	8991111580
Iain Fraser	Envisioning architecture : an analysis of drawing	Van Nostrand Reinhold International,	1993	0442011032
Herzberger J.	Freehand Drawing for Architects and Designers: Watercolour Colored Pencil, Black and White Techniques	Whitney Library of Design.	1996	
Brian Edwards.	Understanding architecture through drawing /	New York: Taylor and Francis, .	2008	9780415444149