



Course Syllabus

Course Code	Course Title	ECTS Credits
ARCH-162	Archit. Communication Skills	4
Prerequisites	Department	Semester
ARCH-161	Architecture	Spring
Type of Course	Field	Language of Instruction
Required	Architecture	English
Level of Course	Lecturer(s)	Year of Study
1 st Cycle	Eleonore Zippelius	1 st
Mode of Delivery	Work Placement	Corequisites
Face to face	N/A	None

Course Objectives:

The main objectives of the course are to:

- Teach basic skills required for analysis and synthesis.
- Expose students to a number of presentation methodologies/techniques/tools.
- Introduce orthographic projection to represent space in an abstract, measurable form.
- Present methodologies/techniques of perspective projection for the representation of space similar to human perception.
- Familiarize students with the methodologies/techniques of composite representation to enliven technical drawings and represent context and use.
- Provide examples of diagrammatic representation and panel layout to visualize and explain architectural concepts.
- Stress the importance to combine various representation techniques and methodologies in order to provide a holistic representation and justify or explain design decisions.
- Encourage students to develop a language of their own within established rules.

Learning Outcomes:

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

1. Recall and use the various representation techniques and methodologies such as orthographic projection, perspective projection, composite drawings and diagrammatic representation.
2. Select and combine the appropriate representation technique or methodology for analysis and synthesis.
3. Explain and justify design decisions.

4. Create new or original work by using the various introduced techniques and methodologies.
5. Develop an individual mode of expression by experimenting within established rules.

Course Content:

- Orthographic projections
- Perspective projections
- Composite drawings
- Diagrammatic representation
- Panel layout

Learning Activities and Teaching Methods:

Lectures, technical drawing demonstrations, tutorials, practical exercises and assignments, descrits, pin ups, individual and group work, peer review.

Assessment Methods:

Project 1 orthographic and perspective projections (mid-term)
 Project 2 composite drawings, diagrams, panel layout (final)
 Attendance & participation

Required Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Architectural Graphics (5th Edition)	Ching, Francis D.	John Wiley & Sons	2009 ebook	9781118260203

Recommended Textbooks / Readings:

Title	Author(s)	Publisher	Year	ISBN
Design Drawing (2nd Edition)	Ching, Francis D.K. Juroszek, Steven P.	John Wiley & Sons	2010	9781118007372 ebook
Drawing Architecture	Spiller, Neil	John Wiley & Sons	2013	1118418794

Drawing: the motive force of architecture	Cook, Peter	Chichester: Wiley	2008	0470034807
Graphic thinking for architects & designers	Laseau, Paul	3rd ed. New York: J. Wiley	2001	0471352926