Course unit title:	Architectural Communication Skills III		
Course unit code:	APX113		
Type of course unit:	Compulsory		
Level of course unit:	Diploma Degree of Architect - Engineer		
Year of study:	1		
Semester when the unit is delivered:	2(SPRING)		
Number of ECTS credits allocated :	4		
Name of lecturer(s):	Antoniadou Eleonora		
Learning outcomes of the course unit:	1. Analytical understanding of drawing as a tool in architecture of communication, creation and understanding. 2. Further learning of the drawing instruments and materials used in the design. 3. Solve simple visualization exercises on more complex buildings using plans, sections, elevations, axonometric and perspective views. 4. Experimenting with different kind of representation tools such as architectural diagrams, architectural sketches, models, collages, axonometric drawings, perspective drawings. 5. Experiential understanding of the space, and learn to imprint physical space in drawings and maps. 6. Experimenting with other representation tools such as photography and 1:1 model. 7. Develop critical thinking on how to use a drawing as a tool of representation for architects. 8. Recognise the importance and usefulness of the final project and presentation. The final drawings as a means of communication and evaluation. 9. Develop personal designing skills using elements in the drawing resulting from personal study and practice.		
Mode of delivery:	Face to face		
Prerequisites:	None	Co-requisites:	None
Recommended optional program components:	None		

Course contents:	The course is an advance introduction to architectural drawing which is consisted by the representation of architectural forms and existing buildings and on the same time experimentation in creating new architectural forms, and abstract buildings using all types of drawings as a way of exploration, creation and communication. Through a dense succession of pedagogical exercises this advanced introductory course seeks to familiarize students with design principles and the architectural design, using both two-dimensional, and three-dimensional imaging. The aim of the course is, at the end of the semester, students to have a solid understanding of all forms of representation, to be able to draw any given shape and especially to understand any design form, both two-dimensional, and three-dimensional. At the same time the course aims to impart basic matters of architectural drawing , and enable students for the first time to understand the importance of drawing as an instrument of expression of the architect and not only as an instrument of representation of geometry.
Recommended and/or required reading:	
Textbooks:	• David Dernie, **Architectural Drawing**, 2010, Laurence King • Lorraine Farrelly, **Basics Architecture: Representational Techniques [Paperback],** 2010, Laurence King • Rendow Yee, **Architectural Drawing: A Visual Compendium of Types and Methods [Paperback]**, 2008, Wiley; 4 edition4 • .Francis D. K. Ching, **Architectural Graphics [Paperback]**, 2009, John Wiley & Sons; 5th Edition edition • Belardi, Paolo, **Why Architects Still Draw**, 2014, MIT Press • Montague, John, **Basic Perspective Drawing: A Visual Guide, 6th Edition**, 2010, John Wiley & Sons, Inc. • Jenkins, Eric J., **Drawn to Design: Analyzing Architecture Through Freehand Drawing,** 2012, Birkhauser • Mo Zell, **The Architectural Drawing Course: Understand the Principles and Master the Practices [Paperback],** 2008, Thames & Hudson • Hertzberger Herman, **Μαθήματα για σπουδαστές της αρχιτεκτονικής**, 2002, Πανεπιστημιακές Εκδόσεις ΕΜΠ • Ανθή-Μαρία Κουρνιάτη, Νίκος Κουρνιάτης, **Η προοπτική στην αρχιτεκτονική απεικόνιση**, 2011, Τζιόλα • Ρεβιθιάδου Καίτη, Τάκα Ελένη, **Προοπτική και Σκιαγραφία**, 1984, Εκδοτικός Οίκος Αδελφοί Κυριακίδη, Θεσσαλονίκη • Bernard Tschum, **Architecture Concepts: Red is Not a Color**, 2012, Rizzoli • Elizabeth Smith, **Case Study Houses**, 2009, Tascen • Τσιμπουράκης Δημήτρης, Στεφανάκη Μαρία, Λοντόρφος Ιωάννης, **Αρχιτεκτονικό – Προοπτικό Σχέδιο,** 2001, Οργανισμός Εκδόσεων Διδακτικών Βιβλίων
References:	• Neil Spiller, Drawing Architecture, AD (Architectural Design Magazine) [Paperback], 2013 • Lecture notes.

Planned learning activities and teaching methods:	• Demonstration of the principles of all forms of representation is delivered to the students by electronic presentations by sketches on the whiteboard and by lecture notes. • The students solve several drawing exercises of representation during classes under the supervision of the lecturer. • Corrections of the exercises are given during the classes in private and group level.
Assessment methods and criteria:	• Class participation - 20% • Midterm presentation - Exams – 15% • Final presentation - Exams 65%
Language of instruction:	Greek English offered for Erasmus Students
Work placement(s):	None