Course name: Drawing and Descriptive Geometry II.
Course code: YARRAA2BNF
Hours per week:2 lecture / 4 practice / 0 laboratory; Exam/ 9 credit
Precondition for Erasmus students: 1 semester Descriptive Geometry
In charge: Assoc. Prof. Babály Bernadett PhD, Dr. Babály Bernadett PhD, Szabó Viktória, Szuhanyik Marcell, Páll Attila

OBJECTIVE OF THE COURSE:
Building presentation by different kinds of projection systems. Exploring the architectural visualization possibilities of 3D compositions and their projected views with edited and freehand techniques. Architectural vizualization by freehand drawings and digital post production. Presentation of materials and vegetation.

14 WEEKS SCHEDULE

1. week: MONGE'S PROJECTION - orthogonal projecting in architectural design. PLANTS AND VEGETATION I. - simplified or abstract representation of plants and vegetation on site plan and elevation. (freehand drawings).1st classroom training: TASK 01: Simplified representation of vegetation (trees with foliage, trees with branches, group of vegetation)
2. week: MONGE'S PROJECTION - orthogonal projecting in architectural design; representing depth with shadows; PLANTS AND VEGETATION II. - simplified or abstract representation of plants and vegetation on site plan and elevation. (digital graphic techniques)
   2nd classroom training: TASK 02: Simplified representation of vegetation: digital post-production of the drawings of TASK 01
3. week: AXONOMETRIC PROJECTION - use of axonometric images in architectural representation
   TEXTURE I. Simplified representation of surfaces and materials on site plan and elevation (freehand drawings).
   3rd classroom training:
   TASK 03: Simplified representation of materials: glass, wood, brick and an optional (metal, stone, roof tile, straw…etc.)
4. week: AXONOMETRIC PROJECTION - axonometric diagrams in architectural design and shadow editing
   TEXTURE II. Simplified representation of surfaces and materials on site plan and elevation (digital graphic techniques).
   4th classroom training:
   TASK 04: Simplified representation of materials: digital post-production of the drawings of TASK 03
5. week: PERSPECTIVE PROJECTION - 1 vanishing point projections in architectural representation
   ELEVATION I. Graphic design techniques of elevation plans (freehand drawings).
   5th classroom training:
   TASK 05: elevation plan of the chosen building (freehand drawing)
6. week: PERSPECTIVE PROJECTION - 1 vanishing point projections in architectural representation
   ELEVATION II. Graphic design techniques of elevation plans (digital graphic techniques).
   6th classroom training:
   TASK 06: elevation plan of the chosen building: digital post-production of the drawing of TASK 05

7. week: PERSPECTIVE PROJECTION - 2 vanishing point projections in architectural representation
   SITE PLAN I. Graphic design techniques of site plans (freehand drawings).
   7th classroom training:
   TASK 07: site plan of the chosen building (freehand drawing)
8. week: PERSPECTIVE PROJECTION - 2 vanishing point projections in architectural representation
   SITE PLAN II. Graphic design techniques of site plans (digital graphic techniques)
   8th classroom training:
   TASK 08: site plan of the chosen building: digital post-production of the drawing of TASK 07
9. week: PERSPECTIVE PROJECTION - 3 vanishing point projections in architectural representation
   VISUAL DESIGN I. Complex representation of a building with environment in perspective (freehand drawings)
   9th classroom training:
   TASK 09: Complex representation of a building with environment in perspective (freehand drawing)
10. week: PERSPECTIVE PROJECTION - 3 vanishing point projections in architectural representation
    VISUAL DESIGN II. Complex representation of a building with environment in perspectiv (digital graphic techniques)
    10th classroom training:
    TASK 10: Complex representation of a building with environment in perspective: digital post-production of the drawing of TASK 09
11. week: PORTFOLIO I. Basics of presentation board and portfolio design (size, proportion, layout, hierarchy).
    11th classroom training.
    Consultation of the TASK 01-10
12. week: PORTFOLIO II. Basics of presentation board and portfolio design (colors, background, textures, text box).
    12th classroom training: Creating presentation boards (portfolio)
13. week: Test (axonometric projection and shadow editing)
    13th classroom training:
    Students' presentations, review
14. week: Re-test (one *opportunity* to re-do/re-*test* will be offered)
    14th classroom training
    Portfolio submission (all freehand drawings and computer graphics are submitted digitally).
    Semester closing requirements:

Assessment:

all tasks and portfolio should be accepted until the final submission deadline, successful test and exam