# General Information:

Curriculum: ARCHITECTURAL ENGINEERING UNDIVIDED MSC, ARCHITECTURAL ENGINEERING BSC

**Subject name: ARCHITECTURAL DRAWING 2**

**Subject code: EPE346AN**

**Semester:** 3

**Number of credits:** 3

**Distribution of weekly hours:** 0/3/0

**Evaluation:** midterm mark (f)

**Prerequisites: Architectural drawing 1**

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**Subject description**

The subject matter of the course follows the methods used in the subject matter of ARCHITECTURAL DRAWING, FORM 1, but is still based on the most important elements of academic drawing, so freehand drawing is part of the course, both in technical terms (drawing quality, contours, tones, correct use) and in terms of theories of visualization of the image, the use of different perspectives. The course also touches on the application of painting techniques, not only technical (watercolour, ink, stain) but also theoretical. The course will pay attention to the development of the students' spatial vision and the culture of form, emphasizing the practice of drawing from models, as well as the mapping and evocation of the "inner vision", the "calling images" in the brain. The course will cover compositional principles and the laws of internal proportion in image construction.

**Purpose of education**

The basic aim of the course is to learn the basics of independent visual expression so that the architectural presentation, from the first sketches to the complete visual plan, does not cause problems for the student.

**Subject’s content**

During the semester, students will deepen their knowledge of apparent perspective, practice the techniques of freehand drawing they have learned in the last semester: watercolor, ink and stain mixed media, pen and ink drawing, and overpainting.

The course places great emphasis on the study and practice of composition, proportions and expressive power.

A separate set of tasks deals with the scaled representation of exterior and interior spaces and the proportionate, visually harmonious representation of interior spaces.

In the first third of the semester, they practice two- and three-point perspective visualization based on a view after and inside image.

In the second third, the possibilities of harmonious and disharmonious design of mass proportions and pictorial composition are explored.

The final part of the course will focus on scale, the relationship between human proportions and internal and external space.

Tasks and requirements are issued according to the thematic. The information related to the subject will be uploaded on **Neptun Meet Street**.

## Exam and evaluation system

*In relation to the enrollment of the course, the system of requirements, completion, and the mandatory tasks of the student during the diligence, examination and final examination period, Annex 5 of the current Organizational and Operational Regulations of the University of Pécs, the* ***Academic and Examination Regulations of the University of Pécs (TVSZ)*** *are the governing rules.*

Successful completion of the semester is based on active class attendance, timely completion and presentation of assignments, and compliance with formal and informal requirements.

* sufficient attendance in class
* presenting 50% of the assigned assignments on time.

The number of absences during the semester may not exceed the number of hours specified in the TVSZ.

Attendance in practical classes: the student is obliged to prepare for each class according to the topics set out in the syllabus, to present himself/herself, if necessary, with the work for proofreading and with the tools and materials provided by the teacher, and to participate actively in the class for the entire duration of the class.

If the student fails to meet this minimum requirement, it is considered an absence!

**During the semester, the works will be marked with added points.**

**The maximum number of points that can be obtained for the completion of the assignments is 240 points, which is the 100% grading system.**

**A maximum of 20 extra points will be awarded for the timely submission of assignments according to the following system:**

**Description of the point system for homework:**

Presentation of individual work in the first class after publication - 2 points

Presentation of individual work at the second hour after publication -1 point

Presentation later than this - 0,5 points

Failure to complete the assignment to the required standard - 0 point

Up to 10 extra points may be awarded for the whole semester if the student's work is of outstanding quality.

In total, the student may obtain a maximum of 240 + 30 points, of which 240 points will be the decisive percentage for the assessment!

Corrections to the material of the two blocks of drawings can be made until the final presentation of the drawings at the latest, i.e. until the make-up submission in the first week of the examination period!

**In order to receive a grade, the student must present at least 85% of the drawing assignments in the topic during the grading.**

**Calculation of the final grade based on aggregate performance in percentage**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Grade:  | 5  | 4  | 3  | 2  | 1  |
|   | A, excellent | B, good  | C, average | D, satisfactory  | F, fail  |
| Performance in %  | 85%-100%  | 70%-84%  | 55%-69%  | 40%-54%  | 0-39%  |

## Mandatory literature

Lecturer notes, teaching aids - TEAMS.

[Ernest Ralph Norling](https://www.google.com/search?sa=X&biw=1536&bih=763&sxsrf=ACYBGNT5LcAGfA-4qLyNN5axAbfM_KgunQ:1570089780183&q=perspective+made+easy+ernest+ralph+norling&stick=H4sIAAAAAAAAAB3HMQ7CMAwF0AmJAXVgZrAYu0QtWy-D0tZKIwc7-nGpuA4nReJt79xdLyGFYZwbVDTd_xseGAWp9DdZpjCbSTiQ3Vmfh0GmuPtm-J76ymiVF89vpldcmTi2DzGUmxNiqRupoWRNP0pYlbJpAAAA&ved=2ahUKEwirz_Oc0P_kAhUDbVAKHcCBBSkQmxMoATAbegQICxAd): Perspective made easy

Published January 19th 1999 by Dover Publications (first published 1939) – Available free on internet

## Teaching method

The course is based on continuous communication between teachers and students.

Method:

1. continuous consultation during class time, according to the syllabus announced in the detailed course programme

2. independent work during class time according to the semester timetable announced in the detailed course programme

3. independent work at home

4. independent research, data collection, analysis

# Detailed course program and requirements

## Methodology and system of criteria:

During the course, each lesson starts with a theoretical introduction, where drawing and drawing technique questions according to the given topic are presented. The practical tasks are based on these theoretical knowledge. In addition to continuous consultation, individual work takes place in the classes, where the students receive correction and continuous feedback from the instructor.

The homework assignments allow you to practice and deepen the knowledge, skills and abilities learned in class.

Homework assignments are consulted, correction, and scored at the beginning of the class following the release. It is possible to present the corrections of the corrected class and homework assignments the week after the proofreading.

Aspects of evaluation of the drawings:

* complexity of drafting
* drawing accuracy
* correctness of composition
* originality and wit
* form culture

## Programme by week

|  |  |  |
| --- | --- | --- |
| **Week** | **Topic of the presentation** | **Topic of practice** |
| 1. week: | Discussing the topic and requirements, issuing a list of necessary materials and tools. |  |
| 2. week:  | A repetition of the rules of the two-point perspective drawing. Proportionality, division in perspective. | Representing a geometric group of bodies from multiple viewpoints. Rotating a building in a circle in one, two or three-point perspective. |
| 3. week:  | Marinade and ink wash, watercolour mixed media repetition. The possible communication of the use of color, conscious choice of colour. | Showing a building in different ways, using different colours. |
| 4. week:  | Methods of representing interior space. Sketching, sketching techniques. | Sketches of the interior of the Faculty building in a sketchbook - Drawing and presentation of the sketched interior using mixed media.  |
| 5. week:  | Pencil, pen, marker mixed media. 1. | Drawing style exercise based on a given example. Presentation of own design in a given style. |
| 6. week:  | Pencil, pen, marker mixed media. 2. | Drawing style exercise based on a given example. Presentation of own design in a given style. |
| 7. week: | Choosing the right perspective and point of view. | Drawing building mass in one, two and three-point perspective. |
| 7. week: | Submission of the first drawing block |  |
| 8. week: | Autumn break |  |
| 9. week:  |  | A collection of elements of complex geometric shapes for an architectural space to be designed. Designing an architectural space from the elements. |
| 10. week: | The effects of proportions, form, layout on the sense of space. | Designing harmonic and disharmonic spaces from building-like masses. |
| 11. week: | Aspects of plan sheet design. | Presentation of your own design on a design sheet, using a mixed media technique of your choice. |
| 12. week: | The communicative power of drawing style. The relationship between the subject and style of drawing. | Visualise your own building using a variety of predefined techniques. |
| 13. week: | Colour temperature and space effect | Visual design of a harmonic and disharmonic space with mixed techniques from a natural point of view using one-point perspective. |
| 14. week: | The importance of proportion, form, rhythm in the development of the plastic order of building facades. Transmission and accentuation of formal character in other spatial elements. | Detail of the planned space in two-point perspective, massing sketches into a building. Placement of street furniture in the space. |
| 15. week: |  | Sights of your own design in a freehand technique of your choice. |
| 15. week: | Submission of the second drawing block |  |

We reserve the right to make changes in the details of this subject program (date/venue/clarifications), of which we inform the students in all cases. Questions and problems that arise during the semester can be addressed to the subject supervisor and the institute coordinator during the diligence period.

 dr.Németh Pál

 subject manager