# 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 all cases. Annex 5 of the Statutes of the University of Pécs, the* ***Code of Studies and Examinations (CSE)******of the University of Pécs*** *shall prevail*

[*https://international.pte.hu/sites/international.pte.hu/files/doc/TVSZ%202022\_06\_23\_ENG.pdf*](https://international.pte.hu/sites/international.pte.hu/files/doc/TVSZ%202022_06_23_ENG.pdf)

**Attendance**

In accordance with the Code of Studies and Examinations of the University of Pécs, Article 45 (2) and Annex 9. (Article 3) a student may be refused a grade or qualification in the given full-time course if the number of class absences exceeds 30% of the contact hours stipulated in the course description.

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!

Method for monitoring attendance: attendance sheet

**Assessment**

**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 250 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 250 + 30 points, of which 250 points will be the decisive percentage for the assessment!

**Mid-term assessments, performance evaluation and their ratio in the final grade**

|  |  |  |
| --- | --- | --- |
| **Type** | **Assessment** | **Ratio in the final grade** |
| *01 Block* | *max 125 points* | *50 %* |
| *02 Block* | *max 125points* | *50 %* |
|  |  |  |
|  |  |  |

**Opportunity and procedure for re-takes (PTE TVSz 47§(4))**

The specific regulations for improving grades and resitting tests must be read and applied according to the general Code of Studies and Examinations. E.g.: all tests and assessment tasks can be repeated/improved at least once every semester, and the tests and home assignments can be repeated/improved at least once in the first two weeks of the examination period.

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!

**Requirements for the end-of-semester signature**

By signing the form, the instructor certifies that the student has fulfilled his/her mid-term obligations:

-attended classes (prepared for classes according to the syllabus/timetable)

-complied with/exhibited good conduct in completing the course, making corrections, making up work

-complied with formal/content requirements (all parts of work completed and/or corrected, made up)

If these are fulfilled, the signature will be given

-graduated in a subject with mid-term marks

**Grade calculation as a percentage**

based on the aggregate performance according to the following table.

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

**ARCHITECTURAL DRAWING and KNOWLEDGE OF FORMS 02. / PROGRAM**

|  |  |  |
| --- | --- | --- |
| **1.** | classwork  **10 p** | Repeated study of the rules of perspective drawing. Study drawing about class setting in two-point perspective. (A2/ pencil) |
| homework  **10 p** | Free composition of the classwork elements. (A2/pencil) |
| teaching aid | | The relevant materials of the teaching aid related to the current class are uploaded to the Teams interface. |
| **2.** | classwork  **10 p** | Study drawing about class setting in two- point perspective and central perspective. (A2/ pencil) |
| homework  **10 p** | Study drawing about class setting in bird’s eye view and worm’s eye view. (A2/pencil) |
| teaching aid | | The relevant materials of the teaching aid related to the current class are uploaded to the Teams interface. |
| **3.** | classwork  **15 p** | Create perspective drawings from 3 top views related to complex geometric compositions. (A2/ pencil) |
| homework  **15 p** | Creating a building using one of the perspective drawings of the classwork and showing it on a viewplan. (A3/ mixed technique) |
| teaching aid | | The relevant materials of the teaching aid related to the current class are uploaded to the Teams interface. |
| **4.** | classwork  **10 p** | Study drawing about class setting using two-point perspective with given horizonline position and using bird’s eye view. (A2/ pencil) |
| homework  **15 p** | Creating a building using the bird’s eye view perspective drawing of the classwork and showing it on a viewplan. (A3/ mixed technique) |
| teaching aid | | The relevant materials of the teaching aid related to the current class are uploaded to the Teams interface. |
| **5.** | classwork  **10 p** | Creating project sheet of current design studio task. (A2/ pencil) |
| homework  **15 p** | Creating project sheet of current design studio task. (A2/ mixed technique) |
| teaching aid | | The relevant materials of the teaching aid related to the current class are uploaded to the Teams interface. |
| **6.** | classwork  **15 p** | Study drawing about class setting with drapery. (A2/ pencil) |
| homework  **10 p** | Creating a still life with drapery based on home setting. (A3/pencil) |
| teaching aid | | The relevant materials of the teaching aid related to the current class are uploaded to the Teams interface. |
| **7.** | classwork  **10 p** | *Space organisation from given elements 01.*  Creating a collection of elements from complex geometric bodies for an architectural space to be created. (A2/ pencil) |
| homework  **10 p** | *Urban square 1.*  Organising an urban square by using the collection elements of the classwork. Creating a drawing from normal human eye level in central perspective. (A3/ pencil or pen) |
| teaching aid | | The relevant materials of the teaching aid related to the current class are uploaded to the Teams interface. |
| **7.** | **FIRST SUBMISSION/ PRESENTATION OF THE FIRST PART OF THE PORTFOLIO** | |
| **8.** | classwork  **10 p** | *Urban square 2.*  Showing the space drawn in central perspective now also in two-point perspective and also giving building character to the basic masses. (A3/ pencil or pen) |
| homework  **10 p** | *Urban square 3.*  Choosing the two-point perspective version of the created space and painting a view plan by using aquarelle. (A3/ mixed technique) |
| teaching aid | | The relevant materials of the teaching aid related to the current class are uploaded to the Teams interface. |
| **9.** | classwork  **15 p** | *Interior space 1.*  Creating a perspective drawing based on the given top view. Sketching the interior of that building mass from the given  viewpoints in central perspective. (A2/ pencil) |
| homework  **10 p** | *Interior space 2.*  Creating another A3 drawing with additional elements and details by using one of the interior drawings of the classwork. (A3/ pencil or pen) |
| teaching aid | | The relevant materials of the teaching aid related to the current class are uploaded to the Teams interface. |
| **10.** | classwork  **10 p** | *Interior space 3.*  Creating an aquarelle view plan of the previously drawn interior. (A3/ mixed technique) |
| homework  **10 p** | Finishing the aquarelle view plan with pencil or pen by drawing contourlines and shades. (A3/ pencil or pen) |
| teaching aid | | The relevant materials of the teaching aid related to the current class are uploaded to the Teams interface. |
| **11.** | classwork  **10 p** | Study drawing about class setting in two-point perspective. (A2/ pencil) |
| homework  **10 p** | Transforming the classwork composition into building character. (A3/ mixed technique) |
| teaching aid | | The relevant materials of the teaching aid related to the current class are uploaded to the Teams interface. |
| **12.** | **PRESENTATION OF THE SECOND PART OF THE PORTFOLIO** | |
| **13.** | **FINAL SUBMISSION** | |
| **14.** | **FINAL SUBMISSION / CORRECTION** | |

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