

IDENTIFICATION DETAILS

Degree:	Architecture			
Scope	Architecture, construction, building and urban planning, and civil engineering			
Faculty/School:	Higher Polytechnic School			
Course:	ANALYSIS OF FORM I			
		-		
Туре:	Basic Training		ECTS credits:	6
Year:	1		Code:	3710
		-		
Teaching period:	First semester			
Subject:	Graphic Expression			
Module:	Propaedeutical			
Teaching type:	Classroom-based			
Language:	Spanish			
Total number of student study hours:	150			

SUBJECT DESCRIPTION

Shape Analysis I introduces the student to drawing tools, techniques and strategies focused on capturing threedimensional space and translating it to the two-dimensional plane.

For the future architect, drawing is an incalculable tool, not because of its expressive capacity but as a means of representing what is perceived, an act that can never be dissociated from the rational and objective analysis of the forms to be represented, understanding that the not understood cannot be represented.

In this first semester of form analysis, the student will focus on seeking reflective strategies to understand what is perceived and its subsequent two-dimensional representation. Mind-hand coordination will be exercised through simple techniques that do not make the student lose attention.

In pursuit of this objective, representations of nature will be made with mechanical pencil and graphite, other means of graphic production and subjective evocation methodologies will remain as secondary objectives.

In this first semester, analysis of form I, the course program will focus on the use of basic techniques so that the student does not lose attention to the intellectual process involved in drawing. The basic tools and strategies of drawing, measurement, proportion and analysis of light as a basic element in perception and therefore transferable to the representation of form will be presented. The student must master conical representation and all its fundamentals. The basic objective of analysis is to represent the surrounding reality within the context of the architect's training through natural and conceptual drawing.

GOAL

The fundamental objective of Form Analysis I is to enable the future architect to be able to use drawing with ease as a system for representing what is perceived.

The specific aims of the subject are:

Foundations of drawing and color as a system for representing the perceived. Bases of perspective, proportion, fit, composition, scale, light, color and volume.

PRIOR KNOWLEDGE

Those corresponding to Baccalaureate.

COURSE SYLLABUS

- 1 Basic materials, techniques and technologies -measuring tools. -scale and proportion. -the composition.
- 2 Strategies of drawing -From what is known to what is represented -The look, horizon, fugues and focus

3 Synthesis of the form -From the general to the particular -Distillation of forms

EDUCATION ACTIVITIES

Teaching will be fundamentally practical, with priority given to short-term exercises. The course will be a sum of exercises that will follow the following methodology: -presentation of the statement, the objectives and the evaluation. -resolution of doubts. -autonomous work -delivery -exhibition of the best works and critical session. The statements will follow the contents of the agenda.

DISTRIBUTION OF WORK TIME

TEACHER-LED TRAINING ACTIVITIES	INDIVIDUAL WORK

SKILLS

Basic Skills

Students must have demonstrated knowledge and understanding in an area of study that is founded on general secondary education. Moreover, the area of study is typically at a level that includes certain aspects implying knowledge at the forefront of its field of study, albeit supported by advanced textbooks

Students must be able to apply their knowledge to their work or vocation in a professional manner and possess skills that can typically be demonstrated by coming up with and sustaining arguments and solving problems within their field of study.

Students must have the ability to gather and interpret relevant data (usually within their field of study) in order to make judgments that include reflections on pertinent social, scientific or ethical issues

Students must be able to convey information, ideas, problems and solutions to both an expert and non-expert audience

Students must have developed the learning skills needed to undertake further study with a high degree of independence

Capacity for analytical, synthetic, reflective, critical, theoretical and practical thought.

Ability to apply procedures.

General Skills

Capacity for analytical, synthetic, reflective, critical, theoretical and practical thought.

Ability to apply procedures.

Specific skills

Appropriate and applied knowledge to architecture and urban planning of spatial representation systems.

Appropriate and applied knowledge to architecture and urban planning of the analysis and theory of form and the laws of visual perception.

Appropriate and applied knowledge to architecture and urban planning of graphic survey techniques in all its phases, from drawing notes to scientific restitution.

LEARNING RESULTS

The student must be able to autonomously demonstrate the use of measurement tools of the perceived shape

He will effectively and objectively represent natural objects and shapes

He will recognize unconventional formal representations

He will recognize techniques and procedures for representing.

It will differentiate between drawing techniques and technologies which will be the most suitable for a specific purpose.

LEARNING APPRAISAL SYSTEM

ORDINARY CALL: Your quantitative grade will be based on numbers from 0 to 10 and class attendance of no less than 80% will be mandatory.

If the student does not meet the attendance requirement, they will have to submit the same requirements as those requested in the ordinary call. In the latter case, classroom drawings will not be evaluated and the exam will have a percentage value of 30% and not the 20% that is considered in ordinary cases.

Partial deliveries 10%

Classroom drawings 10%

Final delivery 60% * (it is essential to independently approve the different parts of the final delivery to pass the subject)

Final exams 20% * (it is essential to pass the different final exams independently to pass the subject)

Works out of form and date will not be accepted without good cause.

EXTRAORDINARY CALL: Students who have not passed the subject in the first call must submit all the work required during the course, with the same degree of requirement as in the ordinary call, on the date of the extraordinary call exam. They will be delivered in Canvas and by hand. The evaluation criteria are the same as those for the ordinary call. The evaluation rates for the extraordinary call will be the same, except for those students who do not exceed 80% of attendance, in which case the exam will be worth 30%. MINIMUM REQUIREMENTS TO PASS THE COURSE: The same as in the ordinary call.

REPEATING STUDENT REQUIREMENTS: The same as in the ordinary call.

ADDITIONAL INFORMATION: Plagiarism, as well as the use of illegitimate means in evaluation tests, will be sanctioned in accordance with those established in the Evaluation Regulations and the University's Coexistence Regulations. Honorary Tuition Award: The Honorary Enrollment is a recognition of excellence. It will be awarded exclusively to those students who stand out above their peers, not only with regard to their academic results within the subject, but also with regard to their attitude and interest in the study and the subject, their commitment and teamwork throughout the course. Honors enrollment may be deserted. The maximum number to be awarded depends on current University regulations.

ETHICAL AND RESPONSIBLE USE OF ARTIFICIAL INTELLIGENCE

1.- The use of any Artificial Intelligence (AI) system or service shall be determined by the lecturer, and may only be used in the manner and under the conditions indicated by them. In all cases, its use must comply with the following

principles:

a) The use of AI systems or services must be accompanied by critical reflection on the part of the student regarding their impact and/or limitations in the development of the assigned task or project.

b) The selection of AI systems or services must be justified, explaining their advantages over other tools or methods of obtaining information. The chosen model and the version of AI used must be described in as much detail as possible.

c) The student must appropriately cite the use of AI systems or services, specifying the parts of the work where they were used and describing the creative process followed. The use of citation formats and usage examples may be consulted on the Library website(<u>https://www.ufv.es/gestion-de-la-informacion_biblioteca/</u>).

d) The results obtained through AI systems or services must always be verified. As the author, the student is responsible for their work and for the legitimacy of the sources used.

2.- In all cases, the use of AI systems or services must always respect the principles of responsible and ethical use upheld by the university, as outlined in the <u>Guide for the Responsible Use of Artificial Intelligence in Studies at UFV</u>. Additionally, the lecturer may request other types of individual commitments from the student when deemed necessary.

3.- Without prejudice to the above, in cases of doubt regarding the ethical and responsible use of any AI system or service, the lecturer may require an oral presentation of any assignment or partial submission. This oral evaluation shall take precedence over any other form of assessment outlined in the Teaching Guide. In this oral defense, the student must demonstrate knowledge of the subject, justify their decisions, and explain the development of their work.

BIBLIOGRAPHY AND OTHER RESOURCES

Basic

Bert Dodson. Keys to drawing/Ohio:North Light Books, 1990.

(Bert Dodson. Keys to drawing/Ohio:North Light Books, 1990., ||Eduardo Zamarro Flores. I draw what I see: Mind-Mano-Mirada/2nd ed. corr. and aum. Madrid:Publications Universidad Francisco de Vitoria, 2019.)