OBJECTS, FIGURES AND SPACES (D1O32)

Type: Obligatory

ECTS credits: 4

Year: First

Term: 3rd

Area of knowledge: Graphic expression

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Studies: Graduate in Design

Academic year: 2009-10

1. Presentation of the subject

Within the Graphic Expression Area, the course Objects, Figures and Spaces continues and reinforces the contents taught in the first and second quarters in the classes Principles of Drawing and Representation Codes, which are in the same area of knowledge.

The objective of this course is to develop the ability to draw objects and human figures freehand as they relate to the surrounding space. In parallel with drawing, the capacity to observe and analyse the formal environment is worked on. All from the perspective of future designers.

The class is divided into 2 blocks for 3 and 1 credit, respectively. This is an eminently instrumental class.

The freehand sketching exercises part is for 3 credits, including supervision of drawing in three different scales with respect to human beings: the body (anthropometry), objects in the immediate environment (ergonomics) and spaces on a larger scale, both open and closed.

'Supervised studies', for 1 credit hour, are done on personal computers on topics related to interactivity, moving images and multimedia environment Options.

This class is directly complemented with Project Fundamentals III, as it handles a similar subject matter and is used as the basis for representing ideas.

It also fits, to a lesser degree, with the classes Matter and Science and Architecture, Design and Modernity, with the aim that the 4 subjects from the third term are connected so that students understand that the knowledge and skills acquired are all related.

2. Competences to obtain in the class

2.1. General competences

G7 Ability to organise and plan.

G18 Develop aesthetic sensibility.

G22 Have reflection and prefiguration skills for new scenarios.

2.2. Specific skills

E35 Formally analyse and summarise the visual environment.

E36 Show sensibility on volume and space perception.

E46 Master the basic language to communicate with freehand drawing.

2.3. Specific competences for the course

- Analytically observe the reality that surrounds us as a visual phenomenon.
- Configure an environment where people and objects harmoniously converge and are articulated.
- Generate personal plans for visual and technical representation.

3. Competences, contents, methodology and evaluation

3.1. General competences (10%)

Competences	Contents	Methodology	Evaluation
G7 Ability to organise and plan	- Organise and do the exercises assigned in class using the established terms	- File solutions - Organise proposals - Classify versions - Create a work and assignment schedule	30% From: - Individual assignments

Competences	Contents	Methodology	Evaluation
G18 Develop aesthetic sensibility	- Differentiate levels of quality and aesthetic aspects	- Analyse the masters and copy models - Create a checklist with the attributes of a work - Work on the initial versions after they are corrected - Detect details	30% From: - Individual assignments - Group corrections

Competences	Contents	Methodology	Evaluation
G22 Develop the ability to reflect on and prefigure new scenarios	- Monitoring of a generic analysis and summary process	- Undertake a process in which the different stages of a proposal are viewed - Document the execution methods and follow guidelines	40% From: - Individual assignments - Group corrections

3.2. Specific competences (30%)

Competences	Contents	Methodology	Evaluation
E35 Formally analyse and summarise the visual environment	- Monitor a specific process	- Apply a development method to a specific case selected by each student - Be situated in the three-dimensional space and study points of view - Translate 3 dimensions into 2 by drawing reality	40% From: - Individual assignments

Competences	Contents	Methodology	Evaluation
E36 Show sensibility on volume and space perception	- Application of a specific process	- Execute several variants on a single view - Personally interpret what is seen	30% From: - Individual assignments - Group corrections

Competences	Contents	Methodology	Evaluation
E46 Master the basic language to communicate with freehand drawing	- Use of graphic vocabulary with correction	- Combine different details into a final whole - Do exercises with different levels of complexity	30% From: - Individual assignments - Group corrections

3.3. Specific competences for the course (60%)

Competences	Contents	Methodology	Evaluation
- Analytically observe the reality that surrounds us as a visual phenomenon	- Detect indicators	- Close-up studies - Translate what we really see into a given format - Take images and break them down	30% From: - Individual assignments

Competences	Contents	Methodology	Evaluation
- Configure an environment where people and objects harmoniously converge and are articulated	- Combine different scales	- Experiment with the components of a composition - Create photomontages - Scale studies	30% From: - Individual assignments

Competences	Contents	Methodology	Evaluation
- Generate personal plans for visual and technical representation	- Use of typical graphic vocabulary	- Develop different codes according to a personal vision - Speak of personal details of their proposals - Use technical codes to visually explain specific issues	40% From: - Individual assignments

4. Methodology

4.1. Activity types

The class with have 10 lecture-workshop sessions. The lecturer will explain the drawing topic to be developed and then students will create drawings. Lecturers will guide and orientate students and resolve questions during this work process. Subsequently, the works will be hung for group comments and correction by the professor. Students will have to do another drawing as homework, which will also be corrected and commented on in the following class.

Practical exercises will be started during class sessions. School time will be used to resolve any questions that arise, as well as potential problems. Every week there will be a homework exercise with the same contents that were explained in class. The class will start with a group correction of the homework exercise and then they will be collected. Optionally, a teaching instruction will be distributed in each class for follow through of the lecturer's explanations, particularly in the supervised studies.

Learning is understood as progressive and it is therefore compulsory for students to not miss the explanations or corrections. This system entails the active participation of students, doing homework on their own, but with the support of the notes and the specifications given out in class.

4.2. Schedule

Week 1

	Hours	Classroom activities	Activities outside the class	Evaluation activities		
				Nature	Type	%*
Lectures	1.5	Human figure	Human figure Project 1	Obligatory	Teaching	10
Seminar	1.5	Human figure				
Supervised study:	2	Moving images	Exercise 1			

Week 2

	Hours	Classroom activities	Homework	Evaluation activities		
				Nature	Type	%
Seminar	3	Human figure + Correction assignment 1	Human figure Assignment 2	Obligatory	Continued and final	10

Week 3

	Hours	Classroom activities	Homework	Evaluation activities		
				Nature	Type	%
Seminar	3	Human figure + Correction assignment 2	Human figure Work 3	Obligatory	Continued and final	10
Supervised study:	2	Moving images + Correction assignment 1	Exercise 2		Continuing	

Week 4

	Hours	Classroom activities	Homework	Evaluation activities		
				Nature	Type	%
Seminar	3	Human figure and object + Correction assignment 3	Human figure and object Assignment 4	Obligatory	Continued and final	10

Week 5

	Hours	Classroom activities	Homework	Evaluation activities		
				Nature	Type	%
Seminar	3	Human figure and space + Correction assignment 4	Human figure and space Assignment 5	Obligatory	Continued and final	10
Supervised study:	2	Interactivity + Correction assignment 2	Exercise 3		Continuing	

Week 6

	Hours	Classroom activities	Homework	Evaluation activities		
				Nature	Type	%
Lectures	1.5	Objects and spaces	Object: Assignment 6	Obligatory	Continued and final	10
Seminar	1.5	Object + Correction of assignment 5				

Week 7

	Hours	Classroom activities	Homework	Evaluation activities		
				Nature	Type	%
Seminar	3	Objects + Correction of assignment 6	Objects Assignment 7	Obligatory	Continued and final	10
Supervised study:	2	Interactivity + Correction assignment 3	Exercise 4		Continuing	

Week 8

	Hours	Classroom activities	Homework	Evaluation activities		
				Nature	Type	%
Seminar	3	Objects + Correction of assignment 7	Objects Assignment 8	Obligatory	Continued and final	10

Week 9

	Hours	Classroom activities	Homework	Evaluation activities		
				Nature	Type	%
Seminar	3	Objects and spaces + Correction of assignment 8	Objects and spaces Assignment 9	Obligatory	Continued and final	10
Supervised study:	2	Multimedia + Correction assignment 4	Exercise 5	Obligatory	Final	

Week 10

	Hours	Classroom activities	Homework	Evaluation activities		
				Nature	Type	%
Seminar	3	Objects and spaces + Correction assignment 9 and guidelines for final dossier	Objects and spaces Assignment 10	Obligatory	Final	10

* The 100% total of this column corresponds to 80% related to participation in seminars and handing in the weekly assignments

5. Evaluation

Evaluation is based on three obligatory core areas:

- Participation in seminars: 50%
- Handing in of weekly assignments: 30%
- Final dossier: 20%.

Evaluation is done by the weekly handing in of drawings done in class and at home, which will be commented on and marked in the following class. The average of these evaluations generates the final score for the first exam sitting.

To qualify for the first exam, students must have attended at least 80% of classes.

There are two examination sittings to pass the class: once after the regular class finishes, which lasts 10 weeks, and another in July.
After the class finishes and students have been evaluated, a review day is scheduled of qualifications during which students can ask the professor to explain the mark they obtained. If the student fails, this day will be used to establish which parts of the work need to be corrected or repeated. If students do not come, they will have to hand in all exercises done in the class.
The professor will not supervise or correct after the ordinary 10-session class has ended.
In the 'seminar' section, an individual drawing exam will be done in the second exam sitting, in addition to handing in the assignments.

In the 'supervised study' section, students must have passed the personal test in order to have the option to have the practical exercises evaluated. There will be a personal test in the first and second examinations, if the professor did not establish that students only have to hand in assignments in the second examination.

Evaluation is ongoing. Weekly assignments must be turned in that are done by the students as homework on the contents explained in class. Partial assignments are obligatory. If an exercise is not turned in on the due date, it must be turned in at the end of the term without an option for correction. These partial assignments are for formative evaluation and will be evaluated by the professor or in a joint evaluation (co-evaluation). Students will personally reflect on the correction in order to improve future proposals.

Evaluation criteria:
- Acquiring the competences.
- Demonstration of an evolving process in acquiring skills.
- Content of exercises suitable to the assignment.
- Effort: variety of proposals created, depth of the study.
- Response capacity to problems that arise during the process.
- Viability of results.
- Professionalism, degree of independence in executing the exercises.
- Ability to communicate logically and motivate in proposals.
- Quality of the presentation (verbal and visual).
- Final finish of the product.

6. Sources of information and teaching resources

Bibliography

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POWELL, DICK. *Técnicas de presentación, guía de dibujo y presentación de proyectos y diseños*. Barcelona: Herman Blume, 1990.
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SMITH, STAN. *Anatomía, perspectiva y composición para el artista.* Madrid: Blume, 1996.

Teaching resources

- Dossier of files of examples and works that the lecturer hands out each class, including graphic material so students can do the corresponding exercise for each topic.
- A chalkboard and chalk is also required for the professor to explain the exercises, as well as a computer and projector for lecture class and supervised study explanations.
- Besides paper and pencils, students will need a rigid board for drawing outside, an A4-sized viewfinder of rigid carton and Din A4 acetate paper.