

## **DRAWING TECHNIQUES I**

Degree in Graphical Design

Degree in Graphical Design

Degree in Industrial Design

---

Code: 11503

Main Scientific Area: Drawing

Lecturer: Susana Amélia Vieira Jorge

Language of Instruction: Portuguese

Regime: S1

Contact Hours: 60h Total Workload: 95h

ECTS: 6,0

---

### **Objectives**

The aims of this curricular unit are: develop skills in capacity of observation, analysis and synthesis; knowing how to apply several drawing tools; understanding and applying several strategies of drawing for representation; understand the functions and the images of drawing; understand the characteristic language of drawing.

### **Learning Outcomes**

Understand the functions of drawing.

Develop capabilities of observation and execution.

Study and develop methods of drawing and means for representation.

Apply several materials and instruments of drawing.

Study drawing strategies for representation.

Understand the images of drawing and its communicative context.

### **Course Contents**

The vocabulary and the images of drawing.

The functions of drawing.

The materials and instruments of drawing.

The composition and the picture-plane.

The scale and representation.

The system's for representing space on the plan.

Drawing: analysis and representation.

The picture plane.

The structural drawing.

Organizational line drawing (analytical approach).

Mass and contour line exercises.

Volume and tonal value in drawing.

Representation vs. interpretation.

The exploration of several levels of plasticity using different materials.

The creative process proposed by Drawing.

### **Recommended Bibliography**

BASKINGER, Mark; BARDEL, William, Drawing ideas: a hand-drawn approach for better design, New York: Watson-Guptill, 2013.

BETTI, Claudia; SALE, Teel, Drawing - A Contemporary Approach. Orlando: Harcourt Brace College Publishers, 1986.

CURTIS, Brian, Desenho de Observação, Porto Alegre: AMGH Editora Lda, 2015.

DEXTER, Emma [et al.], Vitamin D - New Perspectives in Drawing. London: Phaidon Press Limited, 2006.

EISSEN, Koos; STEUR, Roselien, Sketching Drawing Techniques for Product Designers, BIS Publishers, 2011.  
EISSEN, Koos, Sketching: the Basics, BIS Publishers, 2013.

HELLER, Steven; TALARICO, Lita, Graphic.: inside the sketchbooks of the world's great graphic designers, London: Thames Hudson, 2010.

HOPTMAN, Laura, Drawing Now: Eight Propositions. New York: The Museum of Modern Art, 2003.

KORTE, Amy, Hand Drawing for Designers: Communicating Ideas Through Architectural Graphics, Fairchild Books, 2009. MASLEN, Mick, Drawing Projects: An Exploration of the Language of Drawing, Black Dog Publishing, London UK, 2011.

Nicolaides, Kimon, The Natural Way to Draw: a working plan for art study, London, Souvenir Press, 2011.

NOBLE, Guy, Drawing Masterclass. 100 Creative Techniques of Great Artists, Thames Hudson, 2017.

OLPE, Peter, Drawing as Design Process, Courses, Themes and Projects at the Basel School of Design, Verlag Niggli AG, 1997.

## **Learning and Teaching Methods**

The contents defined in the syllabus of this curricular unit were established to allow achieving each of the objectives. Thus, the articulation of the same by themes and by successive stages of work will allow the student to develop a set of skills and knowledge in Drawing, as defined in the syllabus of the curricular unit.

## **Assessment Methods**

### ASSESSMENT

In this curricular unit the assessment is continuous and periodic, as provided in RIAPA.

The final classification is obtained through the evaluating of all proposals. Each work proposal includes several steps with a minimum number of drawings. Only be considered the proposals and the works when properly monitored by the teacher. Throughout the semester will be made final deliveries and partial deliveries. Work must be delivered to the dates provided, including, its organization and presentation. Any delivery after the date (up to a stipulated maximum) suffers a penalty in that assessment. Changes in percentages of each proposal will always be communicated to the students.

Formula for the assessment

1.º semester – normal scheme = (Proposal 1 X 0.35) + (Proposal 2 X 0.30) + (Proposal 3 X 0.25) + (Assiduity X 0.10)

1.º semester – special scheme = (Proposal 1 X 0.40) + (Proposal 2 X 0.35) + (Proposal 3 X 0.25)

In this curricular unit there is no place to examination, as provided in RIAPA.

The assessment of students in Special Season Exam, only applies in the situations referred in RIAPA.

Grade improvement

In this curricular unit, grade improvement is possible by frequency. To grade improvement, the student must attend the classes with the realization of a project defined by the teacher. The students who wish to improve their grades should check the rules defined in RIAPA.