

## **DRAWING TECHNIQUES II**

Degree in Graphical Design

Degree in Graphical Design

Degree in Industrial Design

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Code: 11504

Main Scientific Area: Drawing

Lecturer: Susana Amélia Vieira Jorge

Language of Instruction: Portuguese

Regime: S2

Contact Hours: 60h Total Workload: 100h

ECTS: 6,0

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### **Objectives**

The aims of this curricular unit are: develop skills in capacity of observation and representation from real life – knowing how to apply several methods of drawing and means for representation, exploring the possibilities of drawing tools and also developing the creativity and communication capacity through the practice of drawing. Also intends to promote the knowledge of authors and images of Drawing, allowing understand the importance of drawing practice, for the various achievements in Design field.

### **Learning Outcomes**

Develop the capacity of observation and representation.

Apply and develop several methods of drawing and means for representation.

Exploration of materials and drawings tools potential.

Develop creative ability and communication through the practice of drawing.

### **Course Contents**

Across all modules:

The picture plane and the composition in drawing.

Materials and tools of drawing.

Types and modes of drawing.

1. Drawing the human figure

1.1. Analysis and representation:

1.1.1. The proportions of the human figure.

1.1.2. The skeleton of the human body.

1.1.3. The movement of the human body.

1.1.4. The shape and volume of the human figure.

2. Drawing the space

2.1. Analysis and representation:

2.1.1. Through three-dimensional space to two-dimensional space.

2.1.2. The illusion of space: linear perspective and aerial perspective.

2.1.3. The notion of scale and perspective.

3. Drawing: language, experimentation and communication

3.1. The application of creative and imaginative processes.

3.2. The visual communication through the practice of 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.

BRAMBILLA, Daniela, Human Figure Drawing, Promopress, 2015.

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

DAVIDSON, Margaret, Contemporary Drawing, Watson-Guptill, 2011.

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.

MASSIRONI, Manfredo, Ver pelo Desenho. Aspectos técnicos, cognitivos, comunicativos. Lisboa, Edições 70, 1983.

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

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

ROBERTSON, Scott BERTLING, Thomas, How to Draw, Design Studio Press, 2013.

ROBERTSON, Scott BERTLING, Thomas, How to Render, Design Studio Press, 2014.

RONIN, Gilles, Drawing Perspective, AC Black Publishers, 2011.

SCHRODER, Klaus Albrecht;LAHNER, Elsy, co-autor, Drawing now 2015, Viena: Albertina / Hirmer, 2015.

WILSON, Kate, Drawing and Painting, Thames Hudson, 2015.

### **Learning and Teaching Methods**

The contents defined in the syllabus of 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**

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 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. The work must be delivered in 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

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

2.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 defined 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.