REPRESENTATION METHODS AND TECHNIQUES

MSc Degree in Illustration and Animation

Code: 21050

Main Scientific Area: Drawing

Lecturer: Daniel José Silvestre Faria da Silva

Language of Instruction: Portuguese

Regime: S1

Contact Hours: 30h Total Workload: 70h

ECTS: 5,0

Objectives

A practical curricular unit from the field of plastic experimentation, developed in a consistent research of processesand materials, based in the construction of a diversified body of work that shall be both coherent and evolutive.The representation techniques will be worked not only as tools but also as means and ends, in an exploratory way,both autonomously and projectual, and operative; both at the level of communication and expression.

GOALSEncourage critical and self-critical discourse in the creation of images.Deepen the knowledge and the use of equipment, tools and materials needed to construct visual images.

To develop:· the quality of observation· the ability to objectively represent two- and three-dimensional shapes· the ability to interpret and create authorial images· the capacity for rigour and planning of work management· the ability to work individually and in a team

Learning Outcomes

KNOWLEDGE AND SKILLS TO BE ACQUIREDGeneral Skills- Capacity of objective representation of any element of the real;- Versatility in the graphic and plastic response to work proposals;- Application of procedural types and typologies of the drawing and own materials of the activity.Specific Skills- Understanding the functions of drawing and its valences in the exercise of Illustration and Animation: a)understanding of the drawing in the illustration; b) understanding of drawing in animation;- Mastery of drawing techniques in representation and interpretation;- Mastery of pictorial techniques in representation and interpretation;- Development of skills in terms of composition;

- Development of an authorial language within the scope of representation: 'from mimesis to invention' (authorialwork);- Critical and self-critical capacity in the presentations and discussions of the work carried out.

Course Contents

PROGRAM IN MODULESPerception, observation and representation of the visible.Representation by subjectsa) Objects (artificial/industrial)b) Organic (figure and “natural objects”)c) Spaces (landscape, ...)

PROPOSAL 1REPRESENTATION OF THE ARTIFICIAL / MECHANICAL OBJECTDrawing of the mechanical and industrial object.(examples: toy, tool, coffee maker, pressure cooker, etc.).Measured and structural drawing of the object (diagrammatic drawing)Materials: graphite; colour pencils, ballpoint pen. A2 paper.

PROPOSAL 2REPRESENTATION OF THE ARTIFICIAL / ORGANIC OBJECTDrawing of the artificial "semi-organic " object.(Examples: draperies, coat hanging on hangers, shoes, etc.)The modes of drawing (operative polarities:

line/shade; fast/slow; description/synthesis). Introduction to the use ofhybrid modes of drawing.Materials: charcoal (bar ad pencil); liquid media (Chinese brush), pens. A2 Paper.

PROPOSAL 3

REPRESENTATION OF COLOUR (examples: fruits, vegetables and other colored objects)Chromatic circle: Hue, saturation, tone and value. Contrast, complementarity, analogous colors, low key and highkey.Materials: color pencils, gouache and brushes. A2 Paper.

PROPOSAL 4

HYBRID MODES OF DRAWING WITH COLOR (dressed human figure).Exploration of operative polarities: line/shade; fullness/emptiness; description/synthesis; fast/slow; texturalcontrasts; tonal and chromatic contrasts.Materials: color pencils, crayons, pastels, markers, watercolor, ecoline, gouache, brushes. A2 paper.

PROPOSAL 5.

REPRESENTATION OF SPACE.Projective systems (linear perspective, axonometry, oblique perspective, etc.) and a combination of views. Spatialimagination exercises.(home interior: representation of interior space through different projective systems and combination of views)Materials: graphite, color pencils, ballpoint pen. A2 Paper.

PROPOSAL 6

MUTANTWith “mutant” as a theme it is intended that this exercise will be the culmination of previous proposals. Thus it isIntended that students work in a composition of a mutant, a hybrid starting from two of the objects representedbefore. This exercise is relevant to evaluate analysis skills and aims to create and propose a new element /object.The drawings will be the result of the methodologies and choices of the author.The materials to use in this proposal will be a free choice adapted to the defined plane.

FINAL ASSIGNMENT: “At least, a place full of people”Developed throughout the course. Thematic representation of crowds (theme choice, information collection,representation of space and human figures, final artwork). Size A2/A1

Recommended Bibliography

Bowen, Ron Drawing Masterclass, Bulfinch Press Book. 1992
Goldstein, Nathan The Art of Responsive Drawing. Prentice Hall, 1973
Gombrich, E. H. The uses of images. Studies in the Social Function of Art and Visual Communication, Phaidon Press, London, 1999.
Molina, J. G. Estratégias del dibujo en el arte contemporáneo, Cátedra, Madrid, 1999.
Molina, J. G. Las lecciones del dibujo, Cátedra, Madrid, 1995.
Nicolaides, Kimon The Natural Way to Draw. Houghton Mifflin Company.1942
Panofsky, E. A perspectiva como forma simbólica. Lisboa: Edições 70, 1973
Pipes, Alan Drawing for designers, Laurence King Publishing Ltd., London, 2007
Rodrigues, Ana Leonor M. Madeira, O que é Desenho, Quimera editores, 2003.
Vieira, Joaquim O Desenho e o projecto são o mesmo? Outros textos de desenho Publicações da Faculdade de Arquitectura da Universidade do Porto, 1995.

Learning and Teaching Methods

The contents intend to prepare students for representation through drawing and painting techniques.

The organization by evolutionary modules directs students to technical improvement, both with materials and

thedevelopment of skills that they will need to develop future works in the context of the master's degree.

Assessment Methods

WORKING REGIME

Students should consult IPCA's Academic Regulation (RA) and ESD's Regulation of Assessment of Knowledge and Competences (RACC).

This unit works in presential mode.

LEARNING ASSESSMENT

Continuous evaluation

The assessment regime in this curricular unit is that of continuous assessment (according to point 1 of article 3 of the ESD RACC).

Evaluation during exams (from the 1st or 2nd semesters)

This curricular unit does not allow the exam period of the 1st or 2nd semester (according to point 4 of article 4 of the RACC of the ESD)

Special season assessment

Only students who are under a special frequency regime have access to this period (as described in section I, article 135.º and in point 5, article 209.º, of the IPCA Academic Regulations)

Assessment in this special season integrates the following elements of learning assessment with weighting:

On the first day of the special season, a statement will be delivered that includes the contents covered in the three work proposals developed in the curricular unit. The work proposed in the statement will be delivered in stages over the period of 15 days that are foreseen for this moment of evaluation.

GRADE IMPROVEMENT

In this curricular unit, grade improvement works by continuous assessment (according to point 2 of article 6 of the ESD's RACC)