

Audiovisual Animation

Code: 103039
ECTS Credits: 6

Degree	Type	Year	Semester
2501928 Audiovisual Communication	OT	3	1
2501928 Audiovisual Communication	OT	3	2
2501928 Audiovisual Communication	OT	4	2

Contact

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Use of Languages

Principal working language: catalan (cat)
Some groups entirely in English: No
Some groups entirely in Catalan: Yes
Some groups entirely in Spanish: No

Prerequisites

Basic knowledge of script and of television / film language

Objectives and Contextualisation

To learn:

The technological evolution of animation creation techniques.

The theoretical principles of audiovisual animation.

The complexity of the production process involving an animation piece.

The importance of the different previous phases that intervene before starting to animate.

The practical applications and the expressive possibilities of animation.

Create and produce an audiovisual piece using some of the animation techniques.

Competences

Audiovisual Communication

- Demonstrate creative capacity in audiovisual production.
- Disseminate the area's knowledge and innovations.
- Manage time effectively.
- Show leadership, negotiation and team-working capacity, as well as problem-solving skills.
- Use advanced technologies for optimum professional development.
- Use one's imagination with flexibility, originality and ease.

Learning Outcomes

1. Apply the technologies and systems used to process, process and transmit information for new audiovisual media genres and formats.
2. Apply theoretical principles to creative processes.
3. Disseminate the area's knowledge and innovations.
4. Generate quality audiovisual products with innovative aesthetics.
5. Manage time effectively.
6. Master technological tools for audiovisual production.
7. Show leadership, negotiation and team-working capacity, as well as problem-solving skills.
8. Use advanced technologies for optimum professional development.
9. Use one's imagination with flexibility, originality and ease.
10. Use the language of each of the audiovisual media in modern combined forms or in digital media for carrying infographics products.
11. Use the language of each of the audiovisual media in modern combined forms or in digital media for conducting journalistic documentaries.

Content

Theme 1

Introduction to animation:

- Generators of movement: ("pose to pose", "stop-motion" and rotoscoping / capture movement)
- Techniques
- Basic animation vocabulary.
- Principles of animation.

Theme 2

- Optimal organizational model of an animation production.
- Different practical organizational models of producing companies.
- Other production models
- Structures more or less consolidated:

American and Japanese product

- Structures to consolidate:

European product

- Structure of services

Asian models.

Theme 3

- The logistics:
- Control mechanisms.
- Responsible for the process
- Coordination between the different areas involved.
- Production equipment needed.

Theme 4

- Sound reinforcement
- The music in the cartoon.
- Work methodology
- The locutions.
- The FX.
- The mixtures.

Theme 5

- The creation process, from the idea to the broadcast copy. Comparison between the different techniques.
- Common processes and differential elements.

5.1 Preproduction

- Idea-argument-script
- Story-board (different models).
- The creation of the characters (model sheets).
- The modeling (3D).
- The definition of scenarios.
- The Concept Art.
- The Animatic / leica reel.
- The layouts of scenarios.
- Animation layouts
- The XSheets.
- Lipsing

5.2 Production

- Backgrounds.
- The direction of the animation.
- Animation (2D and 3D)
- Assistance (2D).
- Int / Clean-up (2D).
- Ink & Paint (2D).
- Composition.

5.3 Postproduction

- Edition.
- Sound and mixes.
- Final copy.

Methodology

The theoretical sessions are complemented with practical lectures.

The calendar will be available on the first day of class. Students will find all information on the Virtual Campus: the description of the activities, teaching materials, and any necessary information for the proper follow-up of the subject. In case of a change of teaching modality for health reasons, teachers will make readjustments in the schedule and methodologies.

Once these sessions are given, the students, in pairs or groups of three (depending on the number of students enrolled) will develop an animation, of at least 1 minute. The teacher will follow the production through tutorials, three of which will be compulsory, these sessions dates will be appointed during the development of the short film. In these three tutorials, which will be evaluated, students must bring the material requested by the teacher in order to check the correct development of the short film and be able to solve the problems that have arisen and advise on the production.

Annotation: Within the schedule set by the centre or degree programme, 15 minutes of one class will be reserved for students to evaluate their lecturers and their courses or modules through questionnaires.

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Practice	22.5	0.9	2, 9, 7, 6, 4, 5, 8
Seminary	15	0.6	3, 6, 8
Theoretical sessions	15	0.6	2, 9, 7, 6, 4, 5, 8
Type: Supervised			
Tutorials	7.5	0.3	
Type: Autonomous			
Creation of a piece of at least one minute duration	60	2.4	2, 9, 7, 6, 4, 5, 8
Presentation preparation	11	0.44	7, 3, 5
Viewing recommended material	11	0.44	4

Assessment

- 1) The evaluation of the subject will be done through the presentation of an audiovisual piece of about one minute, (made in group) with the delivery of the material that is going applicant regarding the processes of production, such as story -board, Animàtic, concept art ..., of the piece (45% of the final grade)
- 2) Throughout the course there will be several individual and compulsory deliveries of practical work that will serve as an evaluating tool (45% of the final grade).

3) 10% of the final grade will be fixed by the attendance and participation in the classes.

Re-evaluation:

Depending on the results obtained between the individual exercises / practices and the group piece, there will be a new exercise to re-evaluate the aspects not passed. This re-evaluation will take place on the dates provided in the academic calendar. In order to be able to take the retake of the subject, an average grade of at least 3.5

In the event that the student performs any irregularity that may lead to a significant variation of an evaluation act, this evaluation act will be graded with 0, regardless of the disciplinary process that could be instructed. In the event, that several irregularities occur in the evaluation acts of the same subject, the final grade for this subject will be 0.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Partial deliveries	45%	6	0.24	2, 9, 1, 7, 6, 4, 11, 10, 8
Participation in the classes	10%	0	0	9, 1, 7, 11, 10, 8
Presentation of the project	45%	2	0.08	2, 9, 1, 7, 3, 4, 5, 11, 10, 8

Bibliography

BIBLIOGRAFIA BàSICA:

Bendazzi, Giannalberto 2003. *Cartoons: 110 años de cine de animación*. Ocho y Medio. Madrid.

Delgado, Pedro Eugenio 2000. *El cine de animación*. Ediciones JC, DL. Madrid.

Lord, Peter; Sibley, Brian 1998. *Cracking Animation. The Aardman Book of 3-D Animation*. Thames & Hudson.

MacLean, Fraser 2011. *Setting the Scene. The Art and Evolution of Animation Layout*. Chronicle Books, San Francisco.

COMPLEMENTÀRIA:

Bakedano, José J. 1987. *Norman McLaren. Obra completa. 1932-1985*. Museo de Bellas Artes. Bilbao.

Levitan, Eli L. 1980. *Generación electrónica de imágenes*. Ediciones Bellaterra, S.A. Barcelona.

Mealing, Stuart 1992. *The Art and Science of Computer Animation*. Intellect Books. Oxford.

Rondolino, Gianni 1974. *Storia del cinema d'animazione*. Giulio Einaudi editore s. p. a., Torino.

Solomon, Charles: 1994. *Enchanted Drawings. The History of Animation*. Wings Books. New York.

Vivar Zurita, Hipólito 1988. *La imagen animada: Análisis de la forma y del contenido del dibujo animado*. Editorial de la Universidad Complutense. Madrid.

Software

The calendar detailed with the content of the different sessions will be presented on the day of presentation of the subject. It will be uploaded to the Virtual Campus, where students will also be able to access the detailed description of the exercises and practices, the various teaching materials, and any necessary information for the proper follow-up of the subject