Universitat Autònoma de Barcelona

2020/2021

Basics of Journalism Technology

Code: 104990
ECTS Credits: 6

Degree	Type	Year	Semester
2501933 Journalism	OB	1	1

The proposed teaching and assessment methodology that appear in the guide may be subject to changes as a result of the restrictions to face-to-face class attendance imposed by the health authorities.

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

Teachers

Jacint Niqui Espinosa
Francesc J. Rueda Gallardo

Prerequisites

No prerequisite is required.

Objectives and Contextualisation

.- Understanding the processes involved in audiovisual and multimedia journalism.

.- Learn which are the main technological instruments used in these processes and the innovations that are occurring in this matter, to see how they can influence their work as a communicators, in the messages and in their reception.

.- Familiarize yourself with the manipulation of image and sound equipment for the production of audiovisual and multimedia journalistic content.

Competences

- Abide by ethics and the canons of journalism, as well as the regulatory framework governing information.
- Demonstrate a critical and self-critical capacity.
- Generate innovative and competitive ideas in research and professional practice.
- Manage time effectively.
- Relay journalistic information in the language characteristic of each communication medium, in its combined modern forms or on digital media, and apply the genres and different journalistic procedures.

- Research, select and arrange in hierarchical order any kind of source and useful document to develop communication products.
- Respect the diversity and plurality of ideas, people and situations.
- Show leadership, negotiation and team-working capacity, as well as problem-solving skills.
- Use advanced technologies for optimum professional development.

Learning Outcomes

1. Demonstrate a critical and self-critical capacity.
2. Generate innovative and competitive ideas in research and professional practice.
3. Identify and distinguish the technical requirements necessary to relay information in the language characteristic of each communication medium (press, audiovisual, multimedia).
4. Manage time effectively.
5. Research, select and arrange in hierarchical order any kind of source and useful document to develop communication products.
6. Respect the diversity and plurality of ideas, people and situations.
7. Show leadership, negotiation and team-working capacity, as well as problem-solving skills.
8. Use advanced technologies for optimum professional development.
9. Use social responsibility criteria in various information production processes.

Content

.- Technological foundations: waves physics concepts; radioelectric spectrum; communication networks.

.- The digitalisation of image and sound: the digitalisation process; formats and codecs.

.- The video: ENG camera; television set; editing.

.- The sound: microphones; recording systems; mixing consoles; editing.

.- Mobile journalism, A.I. and blockchain.

Methodology

Virtual lectures.

Practices in different audiovisual spaces of the Faculty.

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. The proposed teaching methodology may undergo some modifications depending on the health authorities' attendance restrictions.

Activities

Title	Hours	ECTS	Learning Outcomes
Type: Directed			
Audiovisual and multimedia practices	33	1.32	5, 7, 1, 2, 4, 3, 6, 9, 8
Master class	15	0.6	5, 7, 1, 2, 4, 3, 6, 9, 8
Type: Autonomous			
Readings, practice preparation, test preparation. etc.	66	2.64	5, 7, 1, 4, 3, 6, 9, 8

Assessment

The subject consists of the following evaluation activities:

- Theoretical exam, 40 % on the final grade.
- Practical TV set, 20% on the final grade.
- Practical radio studio, 20% on the final grade.
- Practical Postproduction and ENG, 20% on the final grade.

To be able to pass the subject, it is necessary to obtain a minimum grade of:

5 out of 10 in the theoretical exam.

5 out of 10 in the sum of the practical activities and not having more than one absence in the whole of the practical sessions.

Practices are compulsory assistance.

Failure to take an exam determines not to be evaluated.

The student who performs any irregularity (copy, plagiarism, identity theft...) will be qualified with 0 in this assignment or exam. In case there are several irregularities, the final grade of the subject will be 0.

The proposed evaluation activities may undergo some modifications depending on the health authorities' attendance restrictions.

Students will be entitled to the revaluation of the subject in two cases:

Minimun grade to qualifyfor the reevaluation of theory: between 2,5 and 4,99 out of 10.

Only one of the three practice sets can be reevaluated, as long as the student has participated in all them. Only failed practice sets are reevaluable.

Assessment Activities

Title	Weighting	Hours	ECTS	Learning Outcomes
Exam	40%	3	0.12	5, 7, 1, 2, 4, 3, 6, 9, 8
Laboratory practices	60%	33	1.32	5, 7, 1, 2, 4, 3, 6, 9, 8

Bibliography

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MILLERSON, Gerald. Realización y producción en televisión. IORTV, 2009

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PALACIO, Gorka y TULLOCH, Christopher. (2004). Nuevas Tecnologías e información audiovisual digital. Bilbao: Servicio Editorial, Universidad del País Vasco.

SERRANO, Pipo. (2017) La transformación digital de una redacción y el periodismo móvil. (MOJO). Editorial UOC.

ZABALETA URKIOLA, Iñaki (2003). Tecnología de la información Audiovisual Sistemas y servicios de la radio y televisión digital yanalógica por cable, satélite y terrestre. Barcelona: Bosch

Comunicación