

Academic Year: (2022 / 2023)

Review date: 05-07-2022

Department assigned to the subject: Department of Communication and Media Studies

Coordinating teacher: UTRAY DELGADO, FRANCISCO

Type: Compulsory ECTS Credits : 6.0

Year : 1 Semester : 1

REQUIREMENTS (SUBJECTS THAT ARE ASSUMED TO BE KNOWN)

Subject with use of audiovisual production equipment: camera, sound, editing and post-production

OBJECTIVES

1. The basic understanding of technology concepts involved in filming and TV.
2. Developing skills and abilities for working with video cameras and sound equipment.
3. Developing skills and abilities for working with digital video editing and digital postproduction equipments.
4. Developing skills and abilities to work with a professional audio-visual team.

DESCRIPTION OF CONTENTS: PROGRAMME

- Digital video file
- Video editing technologies
- Cameras for photography and video
- Sound. Recording and editing
- Technologies for a TV studio
- New technologies for media industry

This subject is recognised as experimental, and has seven additional hours in audiovisual laboratory workshops. DSLR photography and video workshop. Creative workshop to learn how to operate DSLR cameras for photography, video and audio. These experimental sessions will take place in the photography laboratory equipped with DSLR cameras, lighting equipment, photographic backgrounds, audio recorders and microphones.

LEARNING ACTIVITIES AND METHODOLOGY

- THEORETICAL AND PRACTICAL CLASSES. Theoretical classes for the acquisition of basic notions of audiovisual image technology and technique.
- TUTORIALS. Individual (individual tutorials) or group (group tutorials) assistance to students by the teacher.
- INDIVIDUAL OR GROUP WORK BY THE STUDENT
- WORKSHOPS AND LABORATORIES

ASSESSMENT SYSTEM

Continuous assessment method based on the preparation and delivery of assignments within a given time frame, partial exams, as well as class participation and the assessment exercises provided by the teacher. End-of-term-examination: submission of a corrected portfolio.

Students who are not able to take advantage of the continuous assessment method will be required to present practical assignments and complete a final exam which will assess globally the knowledge, skills and abilities acquired throughout the course. During the second examination opportunity, students will also be able to take a theoretical-practical exam with a value of 100% of the final grade for the subject.

% end-of-term-examination:	50
% of continuous assessment (assignments, laboratory, practicals...):	50

BASIC BIBLIOGRAPHY

- Arundale, S., & Trieu, T. Modern Post Workflows and Techniques for Digital Filmmakers, Focal Press, 2015
- Brinkman, R The art and science of Digital Compositing. Techniques for visual effects, animation and motion graphics, Morgan Kauffman, 2008
- Dancyger, Ken The Technique of Film and Video Editing : History, Theory and Practice, Focal Press, 2007
- Des Lyver Basics of Video Sound, Focal Press, 1999
- Dinur, Eran The Filmmaker's Guide to Visual Effects: The Art and Techniques of VFX for Directors, Producers, Editors and Cinematographers, Focal Press , 2017
- Owens, Jim Television Production, Focus Press, 2015
- Prieto Souto, X. y Doménech González, G. Respirar con la imagen. Conversaciones sobre montaje con Teresa Font., TECMERIN, 2019
- Stump, D. Digital Cinematography (Fundamentals, Tools, Techniques, and Workflows). , Focal Press, 2014
- Utray, F., Armenteros, M. & Benítez, A.J. Postproducción digital. Una perspectiva contemporánea, Dykinson, . 2015

ADDITIONAL BIBLIOGRAPHY

- Dion Scoppettuolo The Beginner's Guide to DaVinci Resolve, Blackmagic Design, 2021
- Mitchel, Mitch (2004) Photography for effects. Visual effects for film & television. Focal Press: USA. ., ., .

BASIC ELECTRONIC RESOURCES

- Rodríguez Ortega, Vicente; Utray Delgado, Francisco . Fundamentals of shooting with digital video cameras: <https://e-archivo.uc3m.es/handle/10016/9726>
- Utray Delgado, Francisco; Hooper, Gerald . Production and delivery in Ultra HD and 4K: <https://e-archivo.uc3m.es/handle/10016/23461>